National Data Book
and Guide to Sources

STATISTICAL ABSTRACT OF THE UNITED STATES 1985

105th Edition



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The cooperation of many contributors to this volume is gratefully acknowledged. The source note below each table credits the various government and private agencies which have collaborated in furnishing information for the **Statistical Abstract.** In a few instances, contributors have requested that their data be designated as subject to copyright restrictions, as indicated in the source notes to the tables affected. Permission to use copyright material should be obtained directly from the copyright owner.

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Preface

The *Statistical Abstract of the United States,* published since 1878, is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources. The latter function is served by the introductory text to each section, the source note appearing below each table, and Appendix IV, which comprises the Guide to Sources of Statistics and the Guide to State Statistical Abstracts.

This volume includes a selection of data from many statistical publications, both governmental and private. Publications cited as sources usually contain additional statistical detail and more comprehensive discussions of definitions and concepts than can be presented here. Data not available in publications issued by the contributing agency but obtained from unpublished records are identified in the source notes as "unpublished data." More information on the subjects covered in tables so noted may generally be obtained from the source.

Except as indicated, figures are for the United States as presently constituted. Although emphasis in the *Statistical Abstract* is given primarily to national data, many tables present data for regions and individual States and a smaller number for metropolitan areas and cities. Appendix II, Metropolitan Area Concepts and Components, presents explanatory text, a complete current listing and population data for metropolitan statistical areas (MSA's), the primary metropolitan statistical areas (PMSA's), and the consolidated metropolitan statistical areas (CMSA's). Table 22 in section 1 presents selected population characteristics for MSA's with population of 250,000 or more. Statistics for the Commonwealth of Puerto Rico and for outlying areas of the United States are included in many State tables and are supplemented by information in section 32. Additional information for States, cities, counties, metropolitan areas, and other small units, as well as more historical data, are available in various supplements to the *Abstract* (see inside back cover).

USA Statistics in Brief, 1985, the pocket-size loose insert in front of the book, is available separately. Price information can be obtained from, and orders sent to, U.S. Department of Commerce, Bureau of the Census, Customer Services Branch—DUSD, Washington, DC 20233. A 25 percent discount will be allowed on orders of 100 copies or more sent to the same address.

Changes in this edition.—A new appendix, Appendix V, presents selected State rankings for 50 data items presented in various tables throughout this edition. The number of each table from which these data were excerpted or derived is given to guide the user to more information on the subject. In some cases, statistics in rankings reflect more recent or revised data which were not available when the reference table was prepared.

Featured in several sections (for example, Manufactures and Domestic Trade and Services), are the results of the 1982 Economic Censuses. Many tables present preliminary industry data and a special effort has been made to present State data from the censuses of retail and wholesale trade and the service industries in section 30. Final results from the 1982 Census of Agriculture are highlighted in section 24.

Statistics in this edition are generally for the most recent year or period available by October 1984. Each year almost 1,600 tables and charts are reviewed and evaluated; new tables and charts of current interest are added, continuing series are updated, and less timely data are condensed or eliminated. Text notes and appendixes are revised as appropriate.

In all, there are 112 new tables, distributed among 29 of the 33 sections. In addition, graphic charts have been revised or updated and many sections have undergone tabular rearrangement and format changes designed to improve the organization of subject matter. Of the tables included in the 1984 edition, 137 were omitted from this issue. The omissions represent primarily tables for which comparable details appear in other tables or for which no recent data are available, or tables for which the subject matter shown was considered relatively less important in the light of the space required for presentation.

Among the new tables relating to people and their concerns are:

- Living arrangement of persons 15 years old and over, p. 44
- Trends in church attendance, p. 52
- Women who have had a child in the last year, p. 61
- Contraceptive use by married women, p. 66
- Refugee arrivals, by country of citizenship, p. 88
- Health Maintenance Organizations, p. 101
- Alcohol consumption patterns, p. 119
- Use of microcomputers in elementary/secondary schools, p. 145
- Selected characteristics of lawyers, p. 177
- Land cover and use of nonfederal lands, p. 194
- Participation in outdoor recreation, p. 228
- Hispanic State legislators and mayors, p. 250
- Individual Retirement Accounts, Keogh accounts and pension plans, p. 368
- Volunteers, p. 384
- Membership in AFL-CIO affiliated unions, p. 423
- After-tax mean money income of households, p. 445
- Consumer expenditures, p. 481
- Summary of cable and pay TV, with projections, p. 545
- Fatal motor vehicle accidents, including alcohol involvement, p. 600
- Individual and family farms, p. 636
- Households owning selected appliances, by country, p. 848

Government and economic activities are reflected in new tables on:

- Federal grants-in-aid to governments for pollution abatement and control, p. 204
- The 500 largest banks in the world, p. 496
- Beneficiaries of corporate philanthropy, p. 536
- Aerospace industry sales, p. 619
- Number of farms receiving Commodity Credit Corporation loans and their value, p. 648
- New privately-owned housing units started, p. 727
- Robotics, p. 773
- Franchised new car dealerships, p. 789
- Computer and data processing services, p. 793

Historical statistics.—Specific headnote references in this *Abstract* link many tables to earlier data shown in *Historical Statistics of the United States, Colonial Times to 1970.* (See Appendix I, pp. 869-871.)

Statistical reliability and responsibility.—The contents of this volume were taken from many sources. All data from either censuses and surveys or from administrative records are subject to error arising from a number of factors: Sampling variability (for statistics based on samples), reporting errors in the data for individual units, incomplete coverage, nonresponse, imputations, and processing error. (See also Appendix III, pp. 883-901.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. The responsibility for selection of the material and for proper presentation, however, rests with the Bureau.

For additional information on data presented.—Please consult the source publications available in local libraries or write to the agencies indicated in the source notes. Write to the Bureau of the Census only if it is cited as the source.

Suggestions and comments.—Users of the *Statistical Abstract* and its supplements (see inside back cover) are urged to make their data needs known for consideration in planning future editions. Suggestions and comments for improving coverage and presentation of data should be sent to the Director, U.S. Bureau of the Census, Washington, DC 20233.

Contents

[Numbers following subjects are page numbers]

Page

Fig. I. Map of the U.S., showing census divisions and regions ..... Inside front cover
Weights and measures xiv
Guide to tabular presentation xv
Recent trends xvii

Sec. 1. **POPULATION** 1
Figs. 1.1, 1.2. Age distribution; Components of population change 5

Population and area 6
Population: Center 7
Outlying areas 8
Components of change: U.S. 9
States 10
Migration, mobility 15
Metropolitan, nonmetropolitan 17
Race, sex, age 28
Characteristics, by racial group 32
Nativity, ancestry 35
Marital status 36
Households and families 40
Institutions 49
Religious bodies; church attendance 50

Sec. 2. **VITAL STATISTICS** 54
Figs. 2.1, 2.2. Birth and death rates; Marriages and divorces 54

Vital statistics summary 57
Births, rates, fertility 57
Legal abortions 67
Life expectancy 69
Deaths, rates, causes 71
Marriages and divorces 80

Sec. 3. **IMMIGRATION AND NATURALIZATION** 83

Immigrant admissions 85
Refugees 88
Aliens, foreign laborers 90
Nonimmigrants 91
Naturalization 92

Sec. 4. **HEALTH AND NUTRITION** 94
Figs. 4.1, 4.2. National health expenditures; Indexes of medical care prices 94

Health expenditures 96
Private health insurance 100
Physicians, dentists, nurses 102
Hospitals, nursing homes 105
Mental health facilities 111
Determinants and measures of health 113
Drug, alcohol, cigarette use 118
Average heights and weights 120
Food consumption, nutrition 121
Federal food programs 123

Sec. 5. **EDUCATION** 125
Figs. 5.1, 5.2. Educational attainment; School enrollment 127

Public and private schools 128
School expenditures 129
School enrollment 131
School years completed 134
Minority groups 139
Teachers, employment, salaries 141
Public school finances 142
Special education; media centers 144
Computers in use 145
Private school affiliation 146
College entrance test scores 147
School dropouts and graduates 148
Higher education: Enrollment 149
Higher education: Finances 154
Degrees conferred 157
Vocational training 160
Work/training acts; adult education 161

Sec. 6. **LAW ENFORCEMENT, COURTS, AND PRISONS** 162
Figs. 6.1, 6.2. Crime rates; Persons arrested 162

Crimes and crime rates 166
Victimization rates; homicides 169
Murders 171
Officers killed; child abuse 172
Arrests 173
State and local police protection 176
Lawyers 177
Supreme Court, U.S. appeals and district courts 178
Juvenile cases, jails 182
Correctional institutions, prisoners 183
Prisoners executed 186
Fires and property lost 187

Sec. 7. **GEOGRAPHY AND ENVIRONMENT** 188
Fig. 7.1. Territorial expansion 188
Fig. 7.2. Hazardous waste sites 202
Fig. 7.3. U.S. Weather Zone Map 216

Land and water areas 191
Public domain; land ownership 193
Nonfederal land use 194
Indian lands; urban land 195
Elevations 196
Coastline 197
Rivers; water use and quality 198
Air quality 200
Solid waste disposal 202
Pesticides; endangered species 203
Pollution abatement; environmental control outlays 204
Temperature: average, high, low 206
Precipitation 211
Sunshine 214
Heating degree days 217

Sec. 8. **PARKS AND RECREATION** 219
Figs. 8.1, 8.2. Expenditures for recreation; Foreign travel 220

National parks, forests 221
State recreation areas, parks 223
Recreation expenditures; books 224
Records and tapes; spectator sports 226
Selected recreational activities 227
Video games, gardening, fishing and hunting 229
Arts and humanities 232
Foreign travel 234

Sec. 9. **ELECTIONS** 236
Fig. 9.1. Popular vote cast for President 236
Fig. 9.2. Voter participation in Presidential elections 236

Vote for President 238
Vote for Senators 241
Congressional apportionment 242
Vote for Representatives 243
Congress: Characteristics 245
Vote for Governors 248
Composition of State legislatures 249
Black, Hispanic, and women elected officials 250
Voting-age population 252
Voter registration and participation 253
Campaign finances 256

Sec. 10. **STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT** 258
Fig. 10.1. State and local government taxes 258
Fig. 10.2. Governmental employment and payroll 258
Fig. 10.3. State and local government finances 260

Governmental units, finances 261
Revenue and expenditures 263
Federal aid 267
State and local finances 269
State government finances 275
State government taxes 279
Local governments; number, type 283
County, municipal, township finances 284
Assessed property; local revenue 285
City government finances 286
Employment and payrolls 292

Sec. 11. **FEDERAL GOVERNMENT FINANCES AND EMPLOYMENT** 300
Fig. 11.1. The Government of the United States 300
Figs. 11.2, 11.3. Federal budget receipts and outlays; Budget receipts and outlays as percent of Gross National Product (GNP) 303

Budget receipts, outlays, debt 304
Trust funds 306
Revenue losses 310
Credit market funds; loans 312
Public debt; Federal securities 313
Tax returns 315
Individual income tax 316
Corporation income tax 321
Employment and payrolls 322
Federal land and buildings 327

Sec. 12. **NATIONAL DEFENSE AND VETERANS AFFAIRS** 329
Figs. 12.1, 12.2. National defense outlays; Worldwide military expenditures 330

U.S. defense and veterans outlays 331
Defense industries 333
Defense procurement, employment 334
Defense contracts, payrolls 335
World military expenditures 336
Military sales and assistance 337
Arms delivered; war costs 338
Military forces 339
Desertion, AWA, discharges 343
Military pay 344
Military reserves, National Guard 345
Veterans, characteristics 346
Veterans benefits 347

Sec. 13. **SOCIAL INSURANCE AND HUMAN SERVICES** 351
Figs. 13.1, 13.2. Social Security benefit payments; Social welfare expenditures 353

Social welfare expenditures 354
Cash and noncash benefits 357
Social insurance programs 360
Social Security (OASDHI) program 362
I.R.A. and pension plan coverage 368
Public employee retirement plans 369
Medicare 371
Medicaid 372
Black lung benefit program 374
Workers' compensation 375
Unemployment insurance 376
Work disability; vocational rehabilitation 378
Public aid 379
Orphans; Head Start 382
Child support, alimony; child care 383
Volunteers; Red Cross, United Way 384
Philanthropy; foundations 385

Sec. 14. **LABOR FORCE, EMPLOYMENT, AND EARNINGS** 386
Fig. 14.1. Trends in the labor force 386
Fig. 14.2. Compensation, productivity, and unit labor cost 386
Fig. 14.3. Earnings and compensation 389

Employment status 390
Labor force participation, status 392
Labor force characteristics 393
Female labor force 398
Occupations 400
Unemployment 406
Employees, hours, earnings—Industry 410
Output indexes 415
Employee compensation 416
Earnings 417
Employee benefits 421
Work disability; Federal minimum wage rates 422
Labor unions 423
Occupational injury rates 425

Sec. 15. **INCOME, EXPENDITURES, AND WEALTH** 427
Fig. 15.1. Relationship of GNP, national income, and personal income 428
Figs. 15.2, 15.3. Money income of families; Persons below poverty level 430
Fig. 15.4. Gross national product 431

Gross national product 431
International economic indicators 435
Personal consumption expenditures 435
National income 436
Personal income 438
Saving and investment 441
Household income 442
Family income 446
Lifetime earnings 453
Per capita income 454
Poverty status 455
Personal wealth 461

Sec. 16. **PRICES** 464
Figs. 16.1, 16.2. Producer price indexes; Consumer price indexes 464

Purchasing power of the dollar 466
Major measures of price change 467
Producer price indexes 469
Export and import commodity prices 473
Consumer price indexes 475
Food prices 480
Urban consumer expenditures 481
Rent, fuel, and utility prices 482

Sec. 17. **BANKING, FINANCE, AND INSURANCE** 484
Figs. 17.1, 17.2. Money market rates; Savings institutions 484
Fig. 17.3. Consumer credit 502

Flow of funds accounts 487
Federal Reserve System 491
Domestic deposit market shares 492
Banking structure 493
Commercial banks 494
Largest banks; foreign banks 496
Savings and loan associations 498
Credit unions, Federally sponsored credit agencies 499
Mortgage activity 500
Consumer credit 501
Money stock, circulation, time deposits 503
Interest rates, bond and stock yields 505
Security prices and offers 506
Bonds and stocks, trading 507
Mutual funds; life insurance 509
Property, automobile, and health insurance 511

Sec. 18. **BUSINESS ENTERPRISE** 513
Figs. 18.1, 18.2. Corporate profits and private domestic investment; Business formations and failure rate 515

Business receipts and net income 516
New incorporations and failures 519
Bankruptcy cases 520
Corporate finances 521
Corporate tax returns 523
Fixed private capital 525
Capital expenditures 527
Business cyclical indicators 528
Corporate sales, assets, net income 530
Corporate profits 532
Multinational companies 534
Foreign-owned U.S. firms 535
Corporate philanthropy, patents and trademarks 536

Sec. 19. **COMMUNICATIONS** 537
Figs. 19.1, 19.2. Cable TV; Advertising expenditures 539

Postal service 538
Media utilization; telephone and telegraph 542
Radio and television 544
Publishing industry; newspapers 546
Copyrights 548
Advertising expenditures 549

Sec. 20. **ENERGY** 551
Figs. 20.1, 20.2. Energy production, supply, and imports; Fuel resources 552

Horsepower, fuels, electricity 553
Energy production and consumption 554
Energy expenditures 557
Energy development and trade 561
Energy companies 562
Petroleum and coal; electric energy 563
Nuclear power; uranium 568
Gas utilities 569
Water power; solar energy 571

Sec. 21. **SCIENCE** 572
Figs. 21.1, 21.2. Funds used for R & D; Scientists and engineers 572

R and D funds, outlays 574
Nobel prizes; R&D expenditures 578
Scientists and engineers 579
Graduate students, doctorates 581
Space program budget, spacecraft 582

Sec. 22. **TRANSPORTATION—LAND** 584
Figs. 22.1, 22.2. Freight traffic; Public transportation passengers 584
Fig. 22.3. Passenger car retail sales 586

Transport: Revenues, outlays 587
Industry employment, earnings 588
Large companies; intercity traffic 589
Fuel consumption; accidents 590
Highway mileage 591
Highway finances 593
Motor vehicles; registrations; licenses 595
Trucks 597
Motor vehicle production 598
Motor vehicle accidents 599
Travel; gasoline; costs 601
Household, work transportation 604
Public transportation 605
Motor carriers; bus lines 607
Railroads; accidents 609
Petroleum, natural gas pipelines 611

Sec. 23. **TRANSPORTATION—AIR AND WATER** 612
Figs. 23.1, 23.2. Domestic scheduled air carriers; Airline cost indexes 612

Air carrier finances 614
Air carrier operations, service 615
Civil aviation, airports 617
Cost indexes; regional airlines 618
Aerospace industry 619
Waterborne commerce; water projects 621
Merchant vessels, shipbuilding 624
Tanker casualties; merchant fleets 626

Sec. 24. **AGRICULTURE** 628
Figs. 24.1, 24.2. Changes in farming; Farm income and expenses 628

Farm population 631
Farm characteristics 634
Irrigation, foreign ownership of land 639
Real estate values 640
Farm balance sheet, gross product 641
Farm income, expenses 643
Commodity Credit Corporation 648
Farm cooperatives 650
Food and alcohol expenditures 651
Farm input; machinery; chemicals used 653
Productivity 654
Foreign trade, foreign assistance 656
Crop summaries 658
Corn 661
Wheat 662
Soybeans; sorghum grain 663
Cotton, tobacco, sugar 664
Fruits, vegetables, potatoes 666
Canned and frozen foods 667
Livestock; meats 668

Sec. 25. **FORESTS AND FOREST PRODUCTS** 672
Figs. 25.1, 25.2. Timber products; Newsprint 672

National forest system, forest land 673
Forest lands; wildfires 676
Timber products, consumption 677
Lumber production, consumption 679
Wood products; wastepaper, pulpwood, newsprint 680
Paper and paperboard; woodpulp; logs; plywood 681

Sec. 26. **FISHERIES** 682
Figs. 26.1, 26.2. Catch of fish; Fishery products 682
Fig. 26.3. Fisheries 683

Quantity and value of catch 684
Fisheries 685
Fishery products 686
Catch; value; prices 687
Processed fishery products 690
Imports; exports 691

Sec. 27. **MINING AND MINERAL PRODUCTS** 692
Figs. 27.1, 27.2. Crude petroleum and natural gas; U.S. minerals, percent of world 692

Mineral summary 694
Production and value 696
Strategic and critical materials 701
Imports and exports 702
Fuel production and consumption 704
Petroleum and natural gas 705
Natural gas plant liquids; coal and coke 710
Cement, sand and gravel, lime, phosphate rock 711
Potash, sulfur, lead 712
Iron, gold and silver 713
Copper, molybdenum, cobalt 714
Nickel, tin, tungsten, uranium 715
Zinc, bauxite, aluminum 716
Magnesium, platinum, titanium 717
Chromite, ferroalloy, beryllium 718

Sec. 28. **CONSTRUCTION AND HOUSING** 719
Fig. 28.1. New construction 720

Construction industries 721
Price, wage, and cost indexes 722
Value of new construction 723
Construction contracts 725
New housing units 726
Houses sold; mobile homes 729
Housing unit characteristics 731
Occupied housing units 734
Appliances; heating equipment; fuels 737
Public housing, apartments 738
Vacancy rates, residential property expenditures 739
Home buyers, mortgages 740
Mortgages and home loans 741
Nonresidential buildings 742

Sec. 29. **MANUFACTURES** 743
Figs. 29.1, 29.2. Manufactures summary; Capital in manufacturing establishments 745

National income originating 744
Manufactures—summary 746
Industrial production indexes 747
Manufacturing capacity 747
Summary, by State 748
Summary, by industry 750
Shipments and inventories 756
Establishments, employees, capital in manufacturing 758
Exports and related employment 760
Fuels and energy used 763
Shipments by large companies 764
Beverage industry 765
Tobacco; natural fibers 766
Man-made fibers, wool 767
Clothing, footwear, chemicals 768
Petroleum and coal products, rubber 769
Plastics products, iron, steel 770
Mill and foundry products 771
Machine tools, robots, computer equipment 773
Electronics industry 775
Motor vehicles, transportation equipment 776

Sec. 30. **DOMESTIC TRADE AND SERVICES** 778
Figs. 30.1, 30.2. National income originating in trade, services; Retail sales 778

Trade and services summary 780
Retail trade 782
Department stores sales, inventories 784
Franchising 788
Wholesale trade 789
Selected service industries 792
Hotels and motels 792
Computer and data processing services 793
Tax-exempt and taxable industries 795

Sec. 31. **FOREIGN COMMERCE AND AID** 796
Figs. 31.1, 31.2. Foreign aid; foreign investments in U.S 796
Fig. 31.3. U.S. international transaction balances 799

International transactions 800
International investments 803
Foreign assistance 807
Exports and imports, indexes 813
Commodity exports and imports, by major areas 815
Exports and imports, by countries 816
Exports and imports, by commodity groups 820
Value of free and dutiable imports 823

Sec. 32. **OUTLYING AREAS UNDER THE JURISDICTION OF THE UNITED STATES** 824
Fig. 32.1. Outlying areas map 824

Population 826
Vital statistics, schools, Federal aid 828
Puerto Rico: Population, education, labor force, income, banking 830
Puerto Rico: Business, industry 832
Puerto Rico and Guam: Agriculture 833
Guam, Virgin Islands and Northern Mariana Islands: Economics 833

Sec. 33. **COMPARATIVE INTERNATIONAL STATISTICS** 834
Fig. 33.1. World population 834

World summary 837
Population and area 837
Population projections 842
Vital statistics 843
Infant mortality; hospitals; health personnel 844
Illiteracy; education expenditures 845
Gross national product 846
Gross domestic product 847
Food consumption; appliances; motor vehicles 848
Communications 849
Tax revenues 850
Consumer price indexes 851
Labor force and unemployment 852
Manufacturing indexes 853
OECD industrial production, steel production 854
Energy 855
Agriculture 857
Transportation 859
Foreign trade 860
Finance, foreign exchange rates 861
Public debt 864
Aid to developing countries 865
Military expenditures, personnel, ships 866

APPENDIX I. Index to tables having *Historical Statistics, Colonial Times to 1970* series 869
APPENDIX II. Metropolitan area concepts and components 872
Population of metropolitan statistical areas 876
APPENDIX III. Statistical methodology and reliability 883
APPENDIX IV. Guide to sources of statistics 902
Guide to State statistical abstracts 940
APPENDIX V. Selected State rankings 944
INDEX 954

APPROXIMATE CONVERSIONS

[For information regarding conversion, call or write the Office of Metric Programs, U.S. Department of Commerce, Washin 20230 (202-377-0944)]

Customary			Metric	Metric			Custor
Inches (in)	×	25.400	= millimeters	Millimeters (mm)	×	.039	= inch
Feet (ft)	×	.305	= meters	Meters (m)	×	3.281	= feet
Yards (yd)	×	.914	= meters	Meters (m)	×	1.094	= yards
Miles (mi)	×	1.609	= kilometers	Kilometers (km)	×	.621	= mile
Square inches (in^2)	×	6.452	= sq centimeters	Sq centimeters (cm^2)	×	.155	= sq inch
Square feet (ft^2)	×	.093	= sq meters	Square meters (m^2)	×	10.764	= sq feet
Square yards (yd^2)	×	.836	= sq meters	Square meters (m^2)	×	1.196	= sq yards
Acres	×	.405	= hectares	Hectares (ha)	×	2.471	= acres
Cubic feet (ft^3)	×	.028	= cu meters	Cu meters (m^3)	×	35.315	= cu feet
Cord (cd)	×	3.625	= cu meters	Liters (l)	×	1.057	= quarts (lq
Quarts (lq) (qt)	×	.946	= liter	Cu meters (m^3)	×	264.172	= gallons
Gallons (gal)	×	.004	= cu meters	Grams (g)	×	.035	= ounce (av
Ounces (avdp) (oz)	×	28.350	= grams	Kilograms (kg)	×	2.205	= pounds (a
Pounds (avdp) (lb)	×	.454	= kilograms	Kilowatts (kW)	×	1.341	= horsepow
Horsepower (hp)	×	.746	= kilowatts	Degrees Celsius	×	9/5+32	= degrees F
Degrees Farenheit (−32)	×	5/9	= degrees Celsius				

UNITS OF LENGTH AND AREA

Customary			Metric	Metric			Custon
Inch (in)			= 25.400 millimeters	Millimeter (mm)	=	.001 meter	= .039 inch
Foot (ft)	=	12 in	= .305 meter	Centimeter (cm)	=	.01 meter	= .394 inch
Yard (yd)	=	36 in or 3 ft	= .914 meter	Decimeter (dm)	=	.1 meter	= 3.937 inch
Mile (mi)	=	5,280 ft	= 1.609 kilometers	Meter (m)			= 3.281 feet
In^2 (sq in)			= 6.452 cm^2	Kilometer (km)	=	1,000 meters	= .621 mile
Ft^2 (sq ft)	=	144 sq in	= .093 m^2	Sq millimeter (mm^2)	=	.000001 m^2	= .002 sq in
Yd^2 (sq yd)	=	1,296 sq in or 9 sq ft	= .836 m^2	Sq centimeter (cm^2)	=	.0001 m^2	= .155 sq in
				Sq decimeter (dm^2)	=	.01 m^2	= 15.5 sq in
Acre	=	43,560 sq ft	= .405 ha	Sq meter (m^2)			= 10.764 sq
Mile^2 (sq mi)	=	640 acres	= 2.590 km^2	Hectare (ha)	=	10,000 m^2	= 2.471 acre
				Sq kilometer (km^2)	=	1,000,000 m^2	= .386 sq mi

UNITS OF WEIGHT (OR MASS)

Customary			Metric	Metric			Custom
	Avoirdupois [1]						
Grain			= .065 gram	Gram (g)			= .035 oz av
Ounce (oz avdp)	=	437.5 grains or 16 drams	= 28.350 grams				or .032 oz tr
Pound (lb avdp)	=	7,000 grains or 16 ounces	= .454 kilogram	Dekagram (dag)	=	10 g	= .353 oz av or .322 oz tr
Hundredweight (cwt)	=	100 pounds	= 45.359 kg	Hectogram (hg)	=	10g =	3.527 oz avd or 3.215 oz t
Ton, short (tn)	=	2,000 pounds	= .907 metric ton				
Ton, long	=	2,240 pounds	= 1.016 metric tons	Kilogram (kg)	=	1,000 g	= 2.205 lb a
		Troy [2]					or 2.679 lb tr
Ounce (oz troy) [3]	=	480 grains	= 31.104 grams	Metric ton	=	1,000 kg	= 1.102 shor
Pound (lb troy)	=	5,760 grains or 12 ounces	= .373 kilogram				or .984 long

UNITS OF CAPACITY

Customary			Metric	Customary			Metri
	Liquid				Dry		
Fluid ounce (fl oz)			= 29.574 mL	Pint (pt)			= .551 dm^3
Pint (pt)	=	16 fl oz	= .473 liter	Quart (qt)	=	2 pints	= 1.101 dm^3
Quart (qt)	=	32 fl oz or 2 pt	= .946 liter	Peck (pk)	=	8 quarts	= 8.810 dm^3
Gallon (gal)	=	8 pt or 4 qt	= 3.785 liters	Bushel (bu)	=	32 quarts	= 35.238 dm

Metric		Customary		
Milliliter (mL)	= .001 liter	= .034 fl oz (liquid)	=	.002 pt (dry)
Liter (L)		= 1.057 qt (liquid)	=	.908 qt (dry)
Hectoliter (hL)	= 100 liters	= 26.417 gal (liquid)	=	90.808 qt (dry)

[1] For weighing ordinary commodities. [2] For weighing precious metals, jewels, etc. [3] Also known as fine

The following symbols used in the tables throughout this book, are explained in condensed form in footnotes to the tables where they appear:

—	Represents zero or rounds to less than half the unit of measurement shown.
B	Base figure too small to meet statistical standards for reliability of derived figure.
D	Figure withheld to avoid disclosure of information pertaining to a specific organization or individual.
NA	Data not enumerated, tabulated, or otherwise available separately.
NS	Percent change irrelevant or insignificant.
S	Figure does not meet publication standards for reasons other than that covered by symbol B, above.
X	Figure not applicable because column heading and stub line make an entry impossible, absurd, or meaningless.
Z	Entry would amount to less than half the unit of measure shown.

In many tables, details will not add to the totals shown because of rounding.

Example of table structure:

Table Number and Title — NO. 52. HOUSEHOLDER AND MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER, BY SEX AND AGE: 1983

Unit indicator — [In thousands, except percent. As of March. See headnote, table 50] ← *Headnote*

Footnote indicator — *Spanner*

Parallel rule — *Column heads*

HOUSEHOLDER AND MARITAL STATUS	Total[1]	MALE					FEMALE				
		Total[1]	20-24 years	25-44 years	45-64 years	65 yr. and over	Total[1]	20-24 years	25-44 years	45-64 years	65 yr. and over
Total persons	**178,101**	**84,955**	**10,379**	**33,513**	**20,974**	**10,515**	**93,145**	**10,682**	**34,578**	**23,216**	**15,222**
Householder[2]	83,918	59,250	3,423	26,662	19,231	9,724	24,668	1,868	8,463	6,198	7,946
Single	10,446	5,263	1,199	2,944	645	357	5,183	1,282	2,510	645	599
Married, spouse present	49,908	47,720	2,114	21,198	16,639	7,682	2,187	208	1,131	571	255
Widowed	10,949	1,704	1	42	420	1,241	9,245	9	382	2,488	6,366
Divorced	8,853	3,208	55	1,792	1,078	278	5,645	193	3,103	1,796	545
Not householder[2]	94,183	25,705	6,956	6,852	1,744	791	68,477	8,814	26,116	17,018	7,275
Single	36,395	20,221	6,395	3,984	423	143	16,174	4,651	2,227	384	229
Married, spouse present	51,423	2,945	320	1,450	752	386	48,478	3,741	22,711	15,901	5,631
Widowed	1,884	234	6	20	51	159	1,650	10	45	307	1,289
Divorced	2,736	1,416	98	914	330	68	1,320	200	744	282	80
Stub — PERCENT DISTRIBUTION											*Field*
Total persons	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Householder[2]	47.1	69.7	33.0	79.6	91.7	92.5	26.5	17.5	24.5	26.7	52.2
Single	5.9	6.2	11.6	8.8	3.1	3.4	5.6	12.0	7.3	2.8	3.9
Married, spouse present	28.0	56.2	20.4	63.3	79.3	73.1	2.3	1.9	3.3	2.5	1.7
Widowed	6.1	2.0	–	.1	2.0	11.8	9.9	.1	1.1	10.7	41.8
Divorced	5.0	3.8	.5	5.3	5.1	2.6	6.1	1.8	9.0	7.7	3.6
Not householder[2]	52.9	30.3	67.0	20.4	8.3	7.5	73.5	82.5	75.5	73.3	47.8
Single	20.4	23.8	61.6	11.9	2.0	1.4	17.4	43.5	6.4	1.7	1.5
Married, spouse present	28.9	3.5	3.1	4.3	3.6	3.7	52.0	35.0	65.7	66.5	37.0
Widowed	1.1	.3	.1	.1	.2	1.5	1.8	.1	.1	1.3	8.5
Divorced	1.5	1.7	.9	2.7	1.6	.6	1.4	1.9	2.2	1.2	.5

Heavy rule

Footnotes — – Represents zero or rounds to less than half the unit shown. [1] Includes 15-19 year olds. [2] Includes other marital status not shown separately.

Source of tables 50-52: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 389, and earlier reports.

Headnotes immediately below table titles provide information important for correct interpretation or evaluation of the table as a whole or for a major segment of it.

Footnotes below the bottom rule of tables give information relating to specific items or figures within the table.

Unit indicators ("In thousands," "In millions of dollars," etc.) are usually given in boldface type as the first elements of the headnote. In tables where several units are used, the unit indicators are generally given in the stub or unit column or in the column headings.

Parallel vertical rules are used to the right of a total column to indicate—

(1) that the components which follow add to the total (e.g., tables 1, 8, 32, etc.);

(2) in the case of derived figures, that the underlying data are additive to their total (e.g., table 32 for ratios, table 46 for percentages, table 83 for rates and table 86 for medians).

Heavy vertical rules are used—

(1) in tables where the stub is continued into one or more additional columns across the table to separate each segment of stub and its accompanying data columns from the continued segments (e.g., tables 2, 35, 43, etc.);

(2) to set off independent sections of a table (e.g., tables 1, 3, 5, etc.).

Averages. An average is a single number or value that is often used to represent the "typical value" of a group of numbers. It is regarded as a measure of "location" or "central tendency" of a group of numbers.

The *arithmetic mean* is the type of average used most frequently. It is derived by summing the individual item values of a particular group and dividing the total by the number of items. The arithmetic mean is often referred to as simply the "mean" or "average."

The *median* of a group of numbers is the middle number or value when each item in the group is arranged according to size (lowest to highest or vice versa); it generally has the same number of items above it as below it. If there is an even number of items in the group, the median is taken to be the average of the two middle items.

Per capita (or per person) quantities. A per capita figure represents an average computed for every person in a specified group (or population). It is derived by taking the total for an item (such as income, taxes, or retail sales) and dividing it by the number of persons in the specified population.

Index numbers. An index number is a measure of difference or change, usually expressed as a percent, relating one quantity (the variable) of a specified kind to another quantity of the same kind. Index numbers are widely used to express changes in prices over periods of time but may also be used to express differences between related subjects for a single point in time.

To compute a price index, a base year or period is selected. The base year price (of the commodity or service) is then designated as the base or reference price to which the prices for other years or periods are related. Many price indexes use the year 1967 as the base year; in tables, this is shown as "1967=100." A method of expressing the price relationship is:

$$\frac{\text{Price of a set of one or more items for related year}}{\text{Price of the same set of items for base year}}$$

The result multiplied by 100 provides the index number. When 100 is subtracted from the index number, the result equals the percent change in price from the base year.

Average annual percent change. Unless otherwise stated in the *Abstract* (as in Section 1, Population), average annual percent change is computed by use of a *compound interest formula.* This formula assumes that the rate of change is constant throughout a specified compounding period (one year for average annual rates of change). The formula is similar to that used to compute the balance of a savings account which receives compound interest. According to this formula, at the end of a compounding period the amount of accrued change (e.g., school enrollment or bank interest) is added to the amount which existed at the beginning of the period. As a result, over time (e.g., with each year or quarter), the same rate of change is applied to a larger and larger figure.

The *exponential formula,* which is based on continuous compounding, is often used to measure population change. It is preferred by population experts because they view population and population-related subjects as changing without interruption, ever ongoing. Both exponential and compound interest formulas assume a constant rate of change. The former, however, applies the amount of change continuously to the base rather than at the end of each compounding period.

When the average annual rates are small (e.g., less than 5 percent), both formulas give virtually the same results. For an explanation of these two formulas as they relate to population, see U.S. Bureau of the Census, *The Methods and Materials of Demography,* vol. 2, 3d printing (rev.), 1975, pp. 372-381.

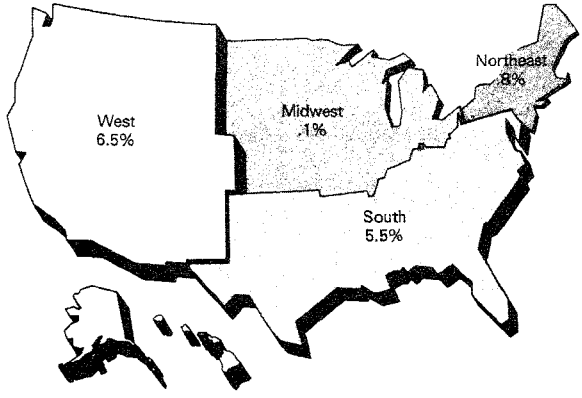
Current and constant dollars. Statistics in some tables in a number of sections are expressed in both current and constant dollars (see, for example, table 715, Section 15). Current dollar figures reflect actual prices or costs prevailing during the specified year(s). Constant dollar figures are estimates representing an effort to remove the effects of price changes from statistical series reported in dollar terms. In general, constant dollar series are derived by dividing current dollar estimates by the appropriate price index for the appropriate period (for example, the Consumer Price Index). The result is a series as it would presumably exist if prices were the same throughout, as in the base year—in other words as if the dollar had constant purchasing power. Any changes in this constant dollar series would reflect only changes in real volume of output, income, expenditures, or other measure.

1985

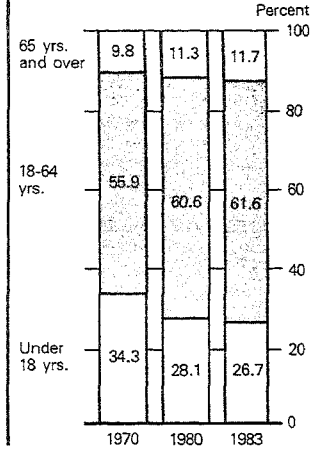
Recent Trends

Population

Resident Population — Percent Change: 1980 to 1983



Resident Population — Age Distribution

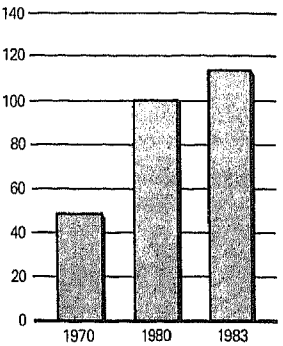


Population	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Resident population, total	Millions	203.3	215.5	226.5	231.8	234.0	1.1	1.0	.9
Northeast	Millions	49.1	49.4	49.1	49.3	49.5	(Z)	.2	.4
Midwest	Millions	56.6	57.8	58.9	58.9	59.0	.4	(Z)	(Z)
South	Millions	62.8	69.6	75.4	78.4	79.5	1.8	1.8	1.4
West	Millions	34.8	38.6	43.2	45.2	46.0	2.2	2.0	1.8
In metropolitan areas [1]	Millions	155.5	(NA)	172.0	(NA)	177.9	1.0	[2] 1.1	(NA)
In nonmetropolitan areas	Millions	47.8	(NA)	54.6	(NA)	56.1	1.3	[2] .8	(NA)
Under 5 years	Millions	17.2	16.1	16.3	17.4	17.8	−.5	2.8	2.6
5–17 years	Millions	52.5	51.0	47.4	45.4	44.7	−1.0	−1.9	−1.5
18–24 years	Millions	23.7	27.7	30.0	30.2	29.9	2.4	.2	−.8
25–44 years	Millions	48.0	54.1	62.7	67.5	69.6	2.7	3.3	3.1
45–64 years	Millions	41.8	43.8	44.5	44.5	44.6	.6	(Z)	.1
65 years and over	Millions	20.0	22.7	25.6	26.8	27.4	2.5	2.2	2.1
Median age	Years	28.0	28.7	30.0	30.6	30.9	.7	.9	1.0
White	Millions	178.1	187.2	194.7	198.1	199.5	.9	.8	.7
Black	Millions	22.6	24.7	26.7	27.7	28.1	1.7	1.6	1.6
Persons of Spanish origin [3]	Millions	9.1	(NA)	14.6	(NA)	(NA)	4.8	(NA)	(NA)

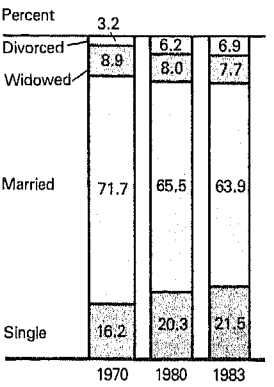
NA Not available. Z Less than .05 percent. [1] Metropolitan statistical areas as defined June 30, 1984.
[2] Percent change, 1980–1983. [3] Persons of Spanish origin may be of any race.

Population

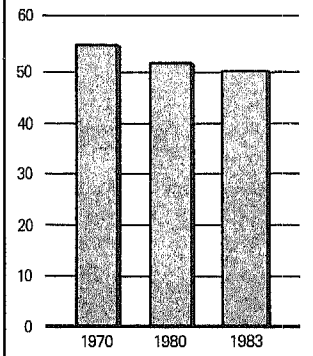
Divorced Persons per 1,000 Married Persons



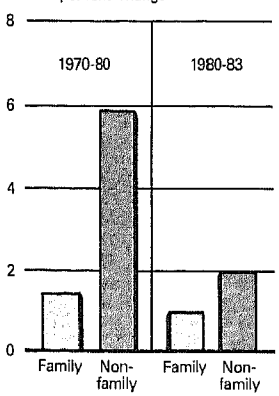
Marital Status



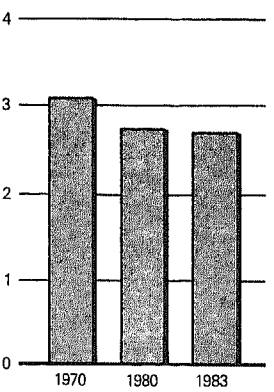
Percent of Families with Children[1]



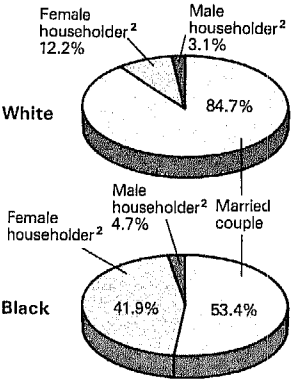
Households



Persons per Household



Family Characteristics: 1983

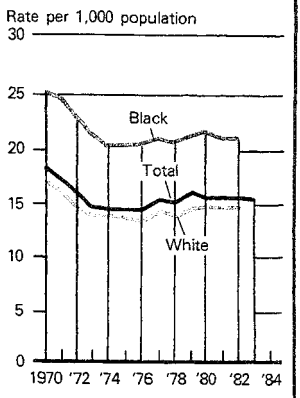


Population	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Persons 18 years old and over	Millions	132.5	143.2	159.5	164.7	167.1	1.9	1.6	1.5
Single	Percent	16.2	17.5	20.3	20.9	21.5	(NS)	(NS)	(NS)
Married	Percent	71.7	69.6	65.5	64.5	63.9	(NS)	(NS)	(NS)
Widowed	Percent	8.9	8.3	8.0	7.7	7.7	(NS)	(NS)	(NS)
Divorced	Percent	3.2	4.6	6.2	7.0	6.9	(NS)	(NS)	(NS)
Divorced persons per 1,000 married persons	Rate	47	69	100	114	114	7.8	6.8	-
Households, total	Millions	63.4	71.1	80.8	83.5	83.9	2.5	1.7	.5
Persons per household	Rate	3.14	2.94	2.76	2.72	2.73	−1.3	−.7	.4
Family households	Millions	51.5	55.6	59.6	61.0	61.4	1.5	1.2	.6
Percent with children [1]	Percent	55.8	53.9	52.1	50.8	50.2	(NS)	(NS)	(NS)
Married couple	Millions	44.7	47.0	49.1	49.6	49.9	.9	.5	.6
Percent with children [1]	Percent	57.1	53.6	50.8	49.3	48.8	(NS)	(NS)	(NS)
Female householder [2]	Millions	5.5	7.1	8.7	9.4	9.5	4.7	3.9	.7
Percent with children [1]	Percent	52.0	60.3	62.6	62.4	60.4	(NS)	(NS)	(NS)
Nonfamily households	Millions	11.9	15.6	21.2	22.5	22.5	5.9	3.0	.1
One-person households	Millions	10.9	13.9	18.3	19.4	19.3	5.4	2.9	−.5

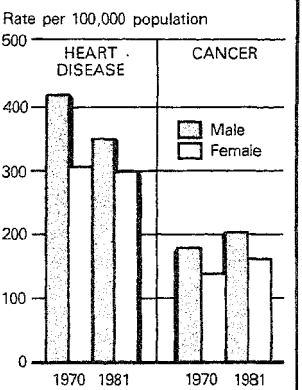
- Represents zero. NS Not significant. [1] Own children under 18 years old. [2] No spouse present.

Vital Statistics and Health

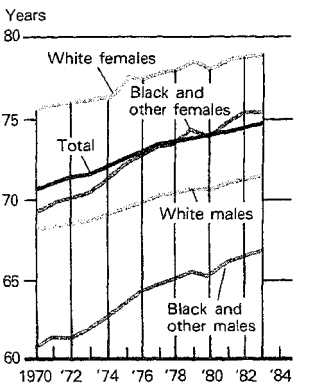
Birth Rate, by Race



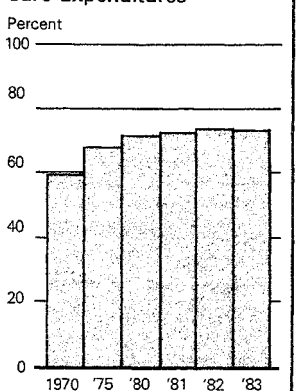
Death Rates, by Cause



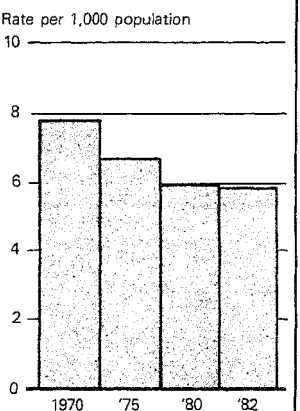
Life Expectancy at Birth



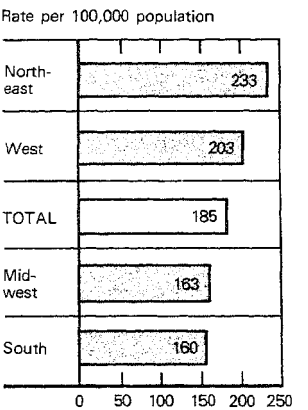
Third Party Payments as Percent of Personal Health Care Expenditures



Hospital Beds



Non-Federal Physicians: 1981

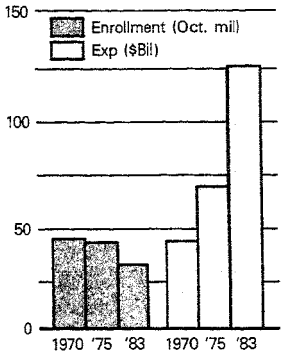


Vital Statistics and Health	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Births	1,000	3,731	3,144	3,612	3,681	3,614	−.3	1.0	−1.8
Deaths	1,000	1,921	1,893	1,990	1,986	2,010	.4	−.1	1.2
Birth rate per 1,000 population	Rate	18.4	14.6	15.9	15.9	15.5	−1.4	-	−3.1
White	Rate	17.4	13.6	14.9	14.9	(NA)	−1.5	-	(NA)
Black	Rate	25.3	20.7	22.1	21.4	(NA)	−1.3	−1.6	(NA)
Death rate per 100,000 population	Rate	945	879	878	858	(NA)	−.7	−1.1	(NA)
Heart disease	Rate	362	332	336	[1] 329	(NA)	−.7	[2] −2.1	(NA)
Cancer	Rate	163	170	184	[1] 184	(NA)	1.2	[2] -	(NA)
Marriage rate per 1,000 population	Rate	10.6	10.0	10.6	10.8	10.5	-	.9	−2.8
Divorce rate per 1,000 population	Rate	3.5	4.8	5.2	5.1	5.0	4.0	−1.0	−2.0
Life expectancy at birth: Male	Years	67.1	68.8	70.0	70.8	71.0	.4	.6	.3
Female	Years	74.7	76.6	77.5	78.2	78.3	.4	.5	.1
Personal health care expenditures [3]	$Bil.	65.4	117.1	219.1	284.7	313.3	12.9	14.0	10.1
Third party payments	Percent	59.5	67.5	71.5	72.9	72.8	(NS)	(NS)	(NS)
Hospital beds per 1,000 population	Rate	7.9	6.8	6.0	5.9	(NA)	−2.7	−.8	(NA)
Physicians, active non-Federal	1,000	279	335	414	[1] 421	(NA)	4.0	[2] 1.7	(NA)
Rate per 100,000 population	Rate	139	157	185	[1] 185	(NA)	2.9	[2] -	(NA)

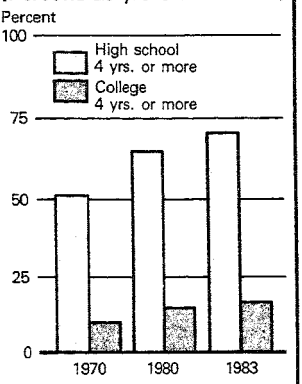
- Represents zero. NA Not available. NS Not significant. [1] 1981 data. [2] Percent change, 1980–81.
[3] Excludes research, construction, public health activities, and net cost of insurance.

Education and Law Enforcement

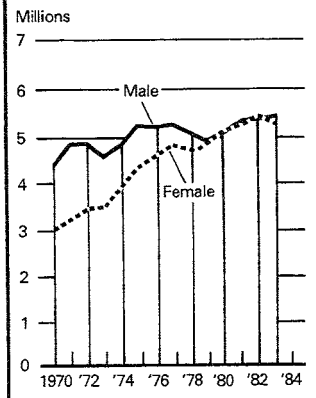
Public School Enrollment and Expenditures[1]



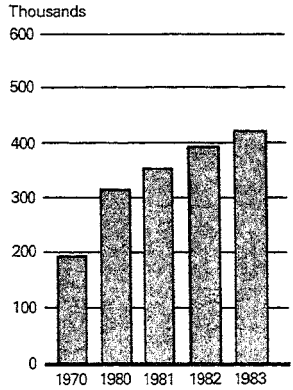
Educational Attainment (Persons 25 yrs. old and over)



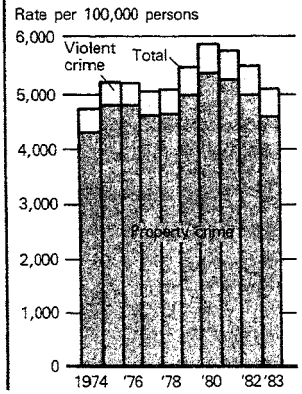
College Enrollment by Sex



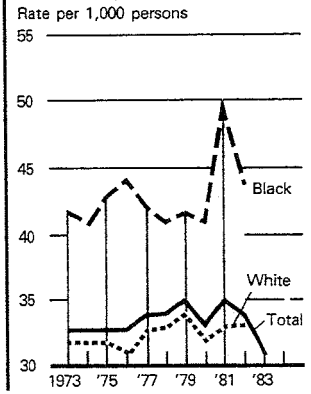
Federal and State Prisoners (Dec.)



Crime Rate



Victimization Rates of Crimes Against Persons

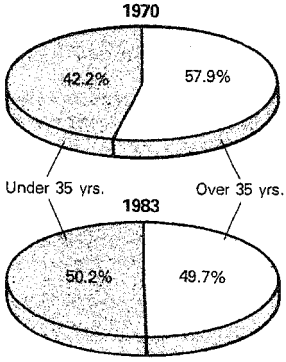


Education and Law Enforcement	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
School enrollment	Millions	60.4	61.0	57.3	57.9	57.7	−.5	.5	−.3
Elem. and secondary, public	Millions	46.2	44.5	(NA)	40.1	39.7	(NA)	(NA)	−1.1
Elem. and secondary, private	Millions	5.7	5.0	(NA)	4.7	4.9	(NA)	(NA)	3.5
School expenditures [2]	$Bil.	78.4	121.6	179.8	211.0	226.5	8.7	8.3	7.4
Elem. and secondary, public	$Bil.	46.0	70.9	102.5	119.1	127.0	8.3	7.8	6.6
College enrollment	Millions	7.4	9.7	10.2	10.9	10.8	3.2	3.6	−.9
Percent female	Percent	40.6	44.9	50.6	50.5	49.1	(NS)	(NS)	(NS)
Educational attainment: [3]									
High school, 4 yrs. or more	Percent	52.3	62.5	66.5	71.0	72.1	(NS)	(NS)	(NS)
College, 4 yrs. or more	Percent	10.7	13.9	16.2	17.7	18.8	(NS)	(NS)	(NS)
Crimes, number	1,000	8,098	11,257	13,366	12,934	12,070	5.1	−1.6	−6.7
Crime rate per 100,000 population	Rate	3,985	5,282	5,931	5,586	5,159	4.1	−3.0	−7.6
Violent (against persons)	Rate	364	482	587	562	529	4.9	−2.2	−5.9
Property	Rate	3,621	4,800	5,344	5,024	4,630	4.0	−3.0	−7.8
Criminal victimization rate [4]	Rate	(NA)	33	33	34	31	(NA)	1.5	−9.9
Prisoners, total (Dec.)	1,000	196	241	316	396	420	4.9	11.9	6.0
Prisoners under sentence of death [5]	Number	575	244	593	856	1,063	.3	20.1	24.2

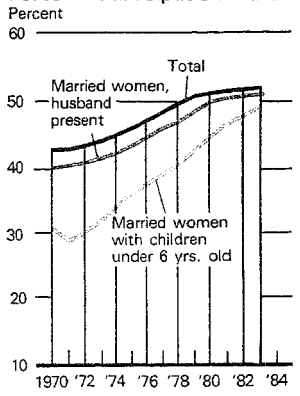
NA Not available. NS Not significant. [1] Kindergarten through grade 12. [2] For school year ending June the following year.
[3] Persons 25 years old and over. [4] Rate per 1,000 persons 12 years old and over. [5] As of January.

Labor Force and Income

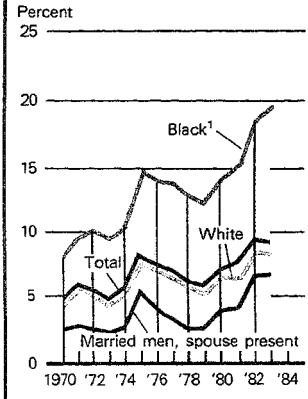
Civilian Labor Force — Age Composition



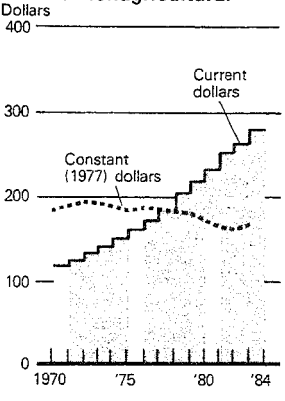
Female Civilian Labor Force — Participation Rate



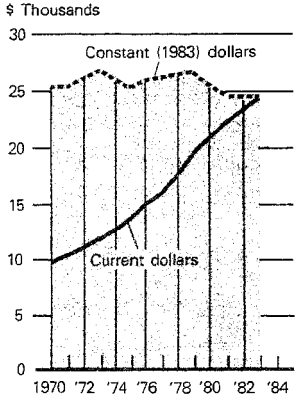
Unemployment Rate



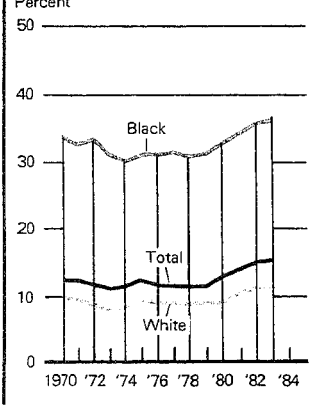
Gross Weekly Earnings — Private Nonagricultural



Median Family Income



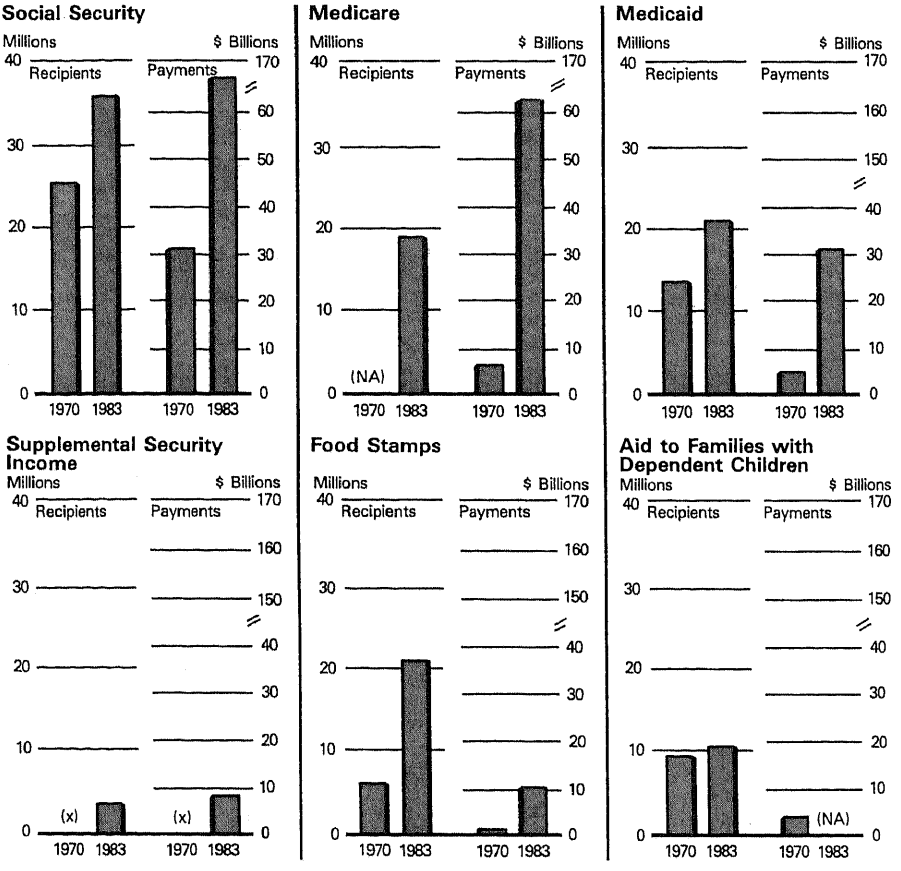
Poverty Rate for Persons



Labor Force and Income	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Labor force, total	Millions	84.9	95.5	108.5	111.9	113.2	2.5	1.5	1.2
Unemployed	Millions	4.1	7.9	7.6	10.7	10.7	6.4	18.3	.4
Rate	Percent	4.8	8.3	7.0	9.5	9.5	(NS)	(NS)	(NS)
Civilian labor force	Millions	82.8	93.8	106.9	110.2	111.6	2.6	1.5	1.2
Percent under 35 yrs	Percent	42.2	48.6	51.0	50.6	50.2	(NS)	(NS)	(NS)
Female participation rate	Percent	43.3	46.3	51.5	52.6	52.9	(NS)	(NS)	(NS)
Married wife, husband present	Percent	40.8	44.4	50.1	51.2	51.8	(NS)	(NS)	(NS)
Gross weekly earnings [2]	Dollars	120	164	235	267	281	7.0	6.5	5.2
Constant (1977) dollars	Dollars	187	184	173	168	171	−.8	−1.3	2.0
Median family income:									
Current dollars	Dollars	9,867	13,719	21,023	23,433	24,580	7.9	5.6	4.9
Constant (1983) dollars	Dollars	25,317	25,395	25,418	24,187	24,580	(Z)	−2.5	1.6
Persons in poverty	Millions	25.4	25.9	29.3	34.4	35.3	1.4	8.4	2.6
Poverty rate	Percent	12.6	12.3	13.0	15.0	15.2	(NS)	(NS)	(NS)
White	Percent	9.9	9.7	10.2	12.0	12.1	(NS)	(NS)	(NS)
Black	Percent	33.5	31.3	32.5	35.6	35.7	(NS)	(NS)	(NS)

NS Not significant. Z Less than .05 percent. [1] Through 1971, Black and other. [2] Private nonagricultural.

Federal Income Security Programs

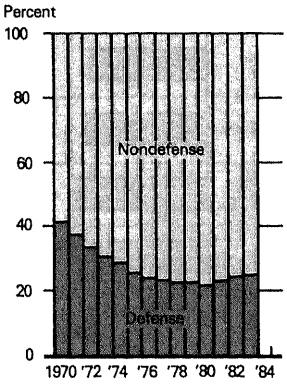


Federal Income Security Programs	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Social security—									
Recipients	Millions	26.2	32.1	35.6	35.8	36.1	3.1	.4	.7
Payments	$Bil.	31.9	66.9	120.5	156.1	167.0	14.2	13.8	7.0
Medicare—									
Recipients[1]	Millions	[2]9.4	13.0	18.0	18.8	19.6	[3]7.5	2.2	4.3
Payments	$Bil.	7.1	15.6	35.7	53.5	62.6	17.5	22.4	17.0
Medicaid—									
Recipients	Millions	14.5	22.2	21.6	21.6	21.5	4.1	(−Z)	−.6
Payments	$Bil.	4.8	12.3	23.3	29.4	32.3	17.1	12.3	9.9
Supplemental Security Income—									
Recipients	Millions	(X)	4.3	4.1	3.9	3.9	(X)	−3.5	1.1
Payments	$Bil.	(X)	5.9	7.9	9.0	9.4	(X)	6.3	4.7
Food stamps—									
Recipients	Millions	6.5	19.2	22.1	20.5	21.1	13.1	−3.5	2.7
Payments	$Bil.	.6	4.4	8.7	10.2	11.2	31.8	8.4	9.2
Aid to families with dependent children—									
Recipients	Millions	9.7	11.4	11.1	10.5	10.9	1.4	−2.7	3.5
Payments	$Bil.	4.9	9.2	12.5	12.9	(NA)	9.9	1.6	(NA)

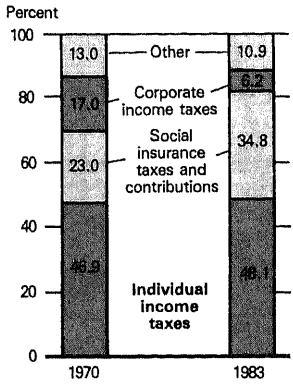
NA Not available. X Not applicable. Z Less than .05 percent. [1] Represents persons served. [2] 1971 data. [3] Change, 1971-80

Government, Defense, and Elections

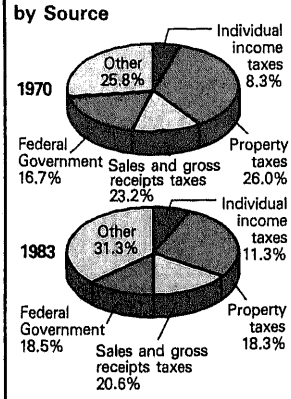
Federal Outlays



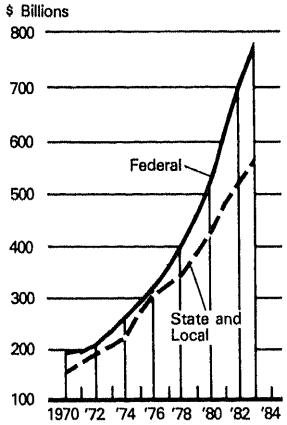
Federal Receipts — Percent Distribution by Source



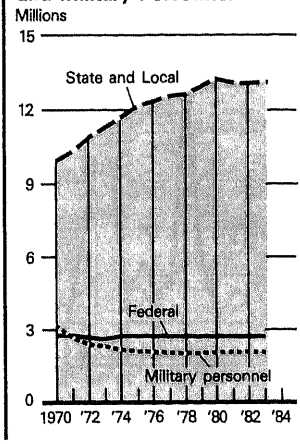
State and Local General Revenue—Percent Distribution by Source



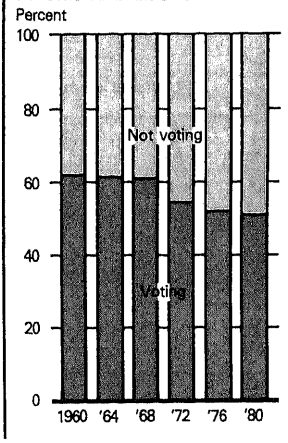
Governmental Direct Expenditures



Government Employment and Military Personnel



Voter Participation in Presidential Elections

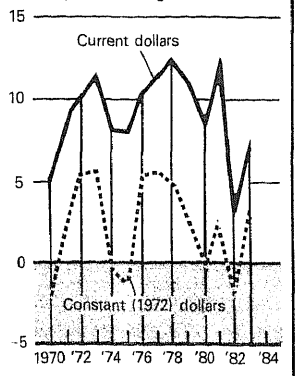


Government, Defense, Elections	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Federal outlays	$Bil.	195.7	324.2	576.7	728.4	796.0	11.4	12.4	9.3
Defense	Percent	41.8	26.7	23.2	25.4	26.4	(NS)	(NS)	(NS)
Nondefense	Percent	58.2	73.3	76.8	74.6	73.6	(NS)	(NS)	(NS)
Federal receipts	$Bil.	192.8	279.1	517.1	617.8	600.6	10.4	9.3	−2.8
Social security taxes	Percent	23.0	30.3	30.5	32.6	34.8	(NS)	(NS)	(NS)
Corporation taxes	Percent	17.0	14.6	12.5	8.0	6.2	(NS)	(NS)	(NS)
Federal debt outstanding	$Bil.	382.6	544.1	914.3	1,147.0	1,381.9	9.1	12.0	20.5
State and local government:									
Direct expenditures	$Bil.	148.1	268.2	432.3	521.0	564.8	11.3	9.8	8.4
General revenue	$Bil.	130.8	228.2	382.3	456.2	486.9	11.3	9.2	6.7
Percent Federal	Percent	16.7	20.6	21.7	19.1	18.5	(NS)	(NS)	(NS)
Percent from property taxes	Percent	26.0	22.6	17.9	18.0	18.3	(NS)	(NS)	(NS)
Debt outstanding	$Bil.	143.6	219.9	335.6	410.2	454.5	8.9	10.6	10.8
Federal civilian employment	1,000	2,881	2,890	2,898	2,848	2,875	.1	−.9	1.0
State and local employment	1,000	10,147	12,084	13,315	13,071	13,159	2.8	−.9	.7
Military personnel	1,000	3,066	2,128	2,051	2,109	2,123	−3.9	1.4	.7
Voter participation in Presidential elections	Percent	[1] 55.2	[2] 53.3	52.6	(X)	(X)	(NS)	(NS)	(NS)

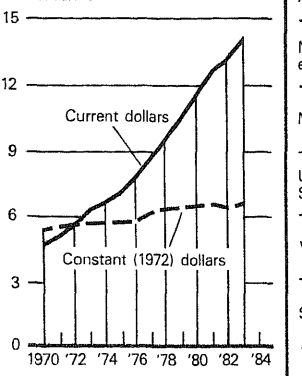
NS Not significant. X Not applicable. [1] 1972 data. [2] 1976 data.

Income and Prices

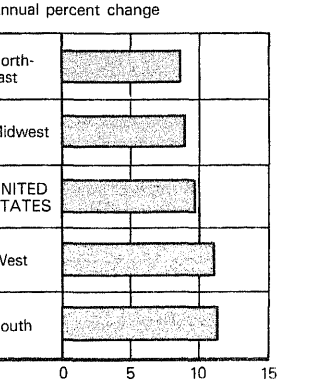
Gross National Product (GNP)



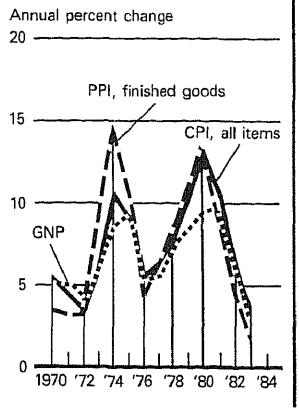
GNP per Capita



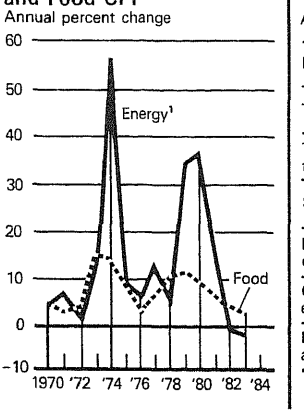
Personal Income: 1970 to 1983



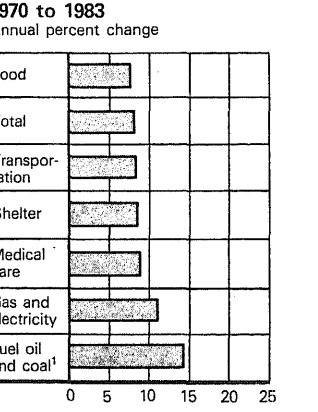
Price Indexes



Fuel Oil and Coal[1] and Food CPI



Consumer Price Indexes: 1970 to 1983



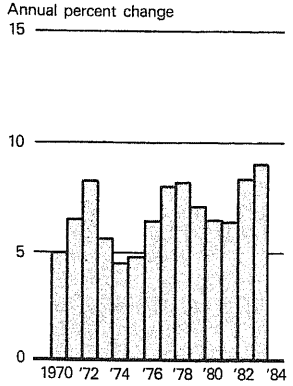
Income and Prices	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Gross national product	$Bil.	993	1,549	2,632	3,069	3,305	10.2	8.0	7.7
National income	$Bil.	811	1,239	2,117	2,447	2,647	10.1	7.5	8.2
Personal income	$Bil.	811	1,265	2,165	2,585	2,744	10.3	9.3	6.2
Disposable personal income	$Bil.	695	1,096	1,829	2,181	2,340	10.2	9.2	7.3
Personal savings	$Bil.	56	94	110	136	118	7.0	11.1	−13.2
GNP constant (1972) dollars	$Bil.	1,086	1,232	1,475	1,480	1,535	3.1	.2	3.7
Per capita	$1,000	5.3	5.7	6.5	6.4	6.5	2.0	−.8	2.7
GNP implicit price deflator, index	1972=100	91.5	125.8	178.4	206.9	215.6	6.9	7.7	4.2
Producer price index	1967=100	110.4	174.9	268.8	299.3	303.1	9.3	5.5	1.3
Consumer price index		116.3	161.2	246.8	289.1	298.4	7.8	8.2	3.2
Food		114.9	175.4	254.6	285.7	291.7	8.3	5.9	2.1
Fuel oil and coal[1]		110.1	235.3	556.0	667.9	628.0	17.6	9.6	−6.0
Medical care		120.6	168.6	265.9	328.7	357.3	8.2	11.2	8.7
Transportation		112.7	150.6	249.7	291.5	298.4	8.3	8.0	2.4
Rent		110.1	137.3	191.6	224.0	236.9	5.7	8.1	5.8

[1] Includes bottled gas.

Business and Finance

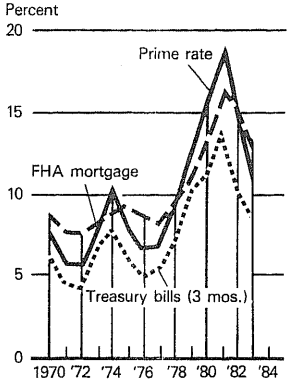
Money Supply[1] (M1)

Annual percent change



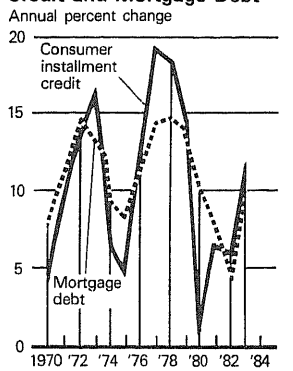
Interest Rates

Percent



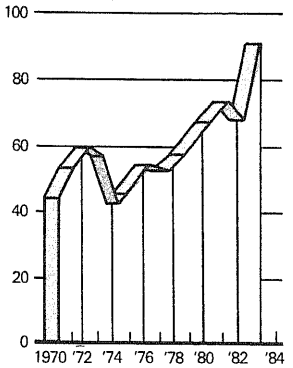
Consumer Installment Credit and Mortgage Debt

Annual percent change



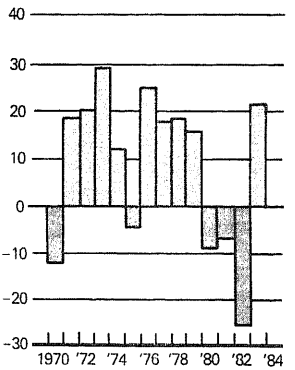
Common Stock Price Index (NYSE)

Index (Dec. 31, 1965 = 50)



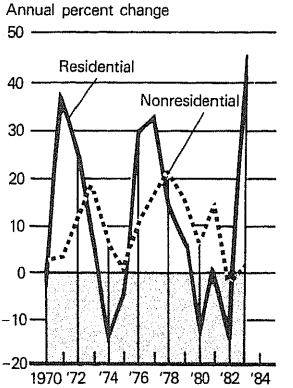
Corporate Profits After Taxes

Annual percent change



Gross Private Domestic Investment

Annual percent change



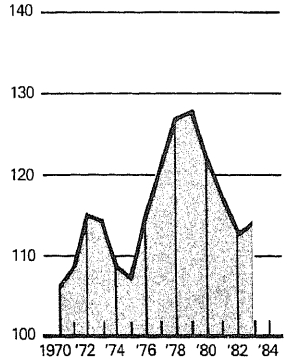
Business and Finance	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Money supply (M1) [1]	$Bil.	217	291	415	481	525	6.7	7.6	9.3
Interest rates:									
Prime rate charged by banks	Percent	7.9	7.9	15.3	14.9	10.8	(NS)	(NS)	(NS)
Treasury bills, 3 month	Percent	6.4	5.8	11.4	10.6	8.6	(NS)	(NS)	(NS)
Commercial paper, 3 month	Percent	(NA)	6.3	12.7	11.9	8.9	(NS)	(NS)	(NS)
Home mortgages, conven. (new)	Percent	8.5	9.1	14.0	15.8	13.4	(NS)	(NS)	(NS)
Consumer installment credit	$Bil.	105.5	172.0	314.9	355.8	396.1	11.6	6.3	11.3
Mortgage debt outstanding	$Bil.	474	806	1,472	1,655	1,826	12.0	6.0	10.3
NYSE common stock index	Dec. 31, 1965=50	45.7	45.7	68.1	68.9	92.6	4.1	.6	34.4
Dow Jones industrial (30 stocks)	Index	753.2	802.8	891.4	884.4	1,190.3	1.7	−.4	34.6
Corporate profits before taxes	$Bil.	75.4	132.1	234.6	165.5	203.2	12.0	−16.0	22.8
Corporate profits after taxes	$Bil.	41.3	81.5	149.8	104.8	127.4	13.8	−16.4	21.6
Gross private domestic investment	$Bil.	144.2	206.1	401.9	414.9	471.6	10.8	1.6	13.7
Residential, fixed	$Bil.	37.1	55.3	102.9	91.4	132.2	10.7	−5.8	44.6
Nonresidential, fixed	$Bil.	103.9	157.7	308.8	349.6	352.9	11.5	6.4	.9

NA Not available. NS Not significant. [1] As of December.

Commerce

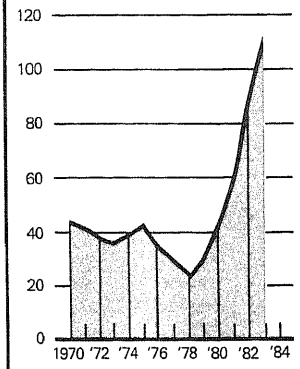
Net Business Formation

Index (1967 = 100)



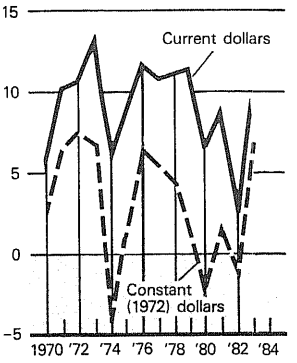
Business Failure Rate

Rate per 10,000 concerns



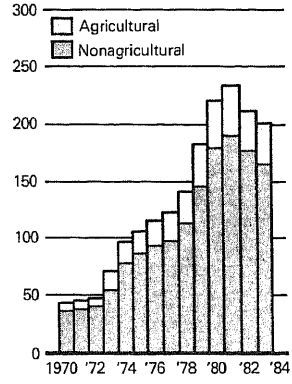
Retail Sales

Annual percent change



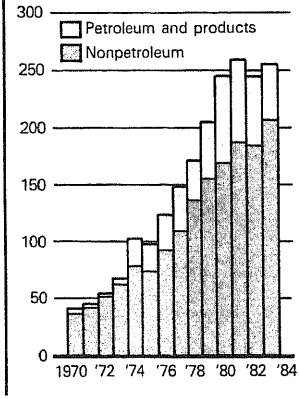
Exports

$ Billions



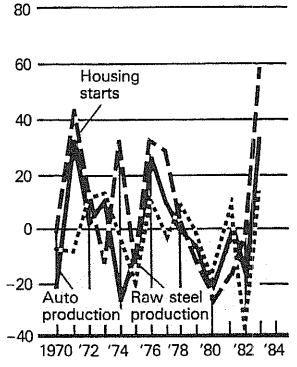
Imports

$ Billions



Auto and Steel Production and Housing Starts

Annual percent change

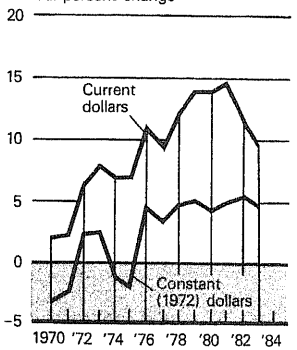


Commerce	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
New business incorporations	1,000	264	326	534	567	600	7.3	3.0	5.8
Business failure rate per 10,000 concerns	Rate	44	43	42	88	110	−.5	44.7	25.0
Business new capital expenditures	$Bil.	105.6	157.7	295.6	316.4	302.5	10.8	3.5	−4.4
Net business formation	1967=100	106.4	107.0	122.4	113.2	114.8	1.4	−3.8	1.4
Industrial production index	1967=100	107.8	117.8	147.1	138.6	147.6	3.2	−2.9	6.5
Relation of output to capacity[1]	Percent	80	73	80	71	75	(NS)	(NS)	(NS)
Manufacturing and trade sales[2]	$Bil.	107	182	327	344	367	11.8	2.6	6.7
Retail trade sales, current dollars	$Bil.	368.4	588.1	960.8	1,074.6	1,174.0	10.1	5.8	9.2
Constant (1972) dollars	$Bil.	391.1	461.5	535.0	536.0	573.0	3.2	.1	6.9
Domestic exports, total	$Bil.	42.6	106.6	216.7	207.2	196.0	17.7	−2.2	−5.4
Agriculture	$Bil.	7.3	21.9	41.2	36.6	36.1	18.9	−5.7	−1.4
General imports, total	$Bil.	40.0	96.6	244.9	244.0	258.0	19.9	−.2	5.8
Petroleum and products	$Bil.	2.8	24.8	77.6	59.4	52.3	39.6	−12.5	−11.9
Automobile production	Mil. units	6.6	6.7	6.4	5.1	6.8	−.3	−10.8	33.7
Raw steel production	Mil.sh.tons	131.5	116.6	111.8	74.6	84.6	−1.6	−18.3	13.4
Housing starts	Mil.units	1.5	1.2	1.3	1.1	1.7	−1.1	−9.6	59.8

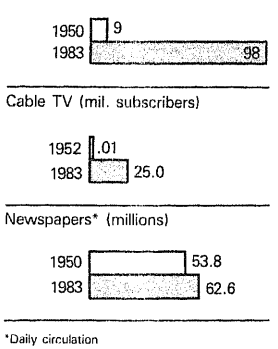
NS Not significant. [1] For manufacturing. [2] Average monthly.

Science, Communications & Transportation

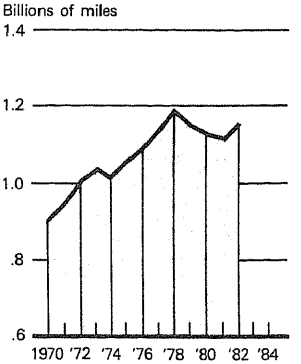
Research and Development Outlays



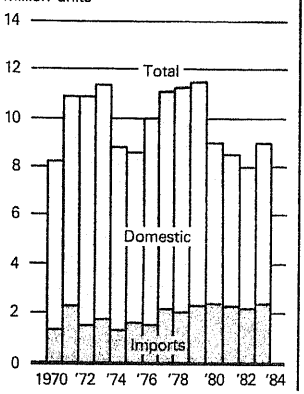
Media



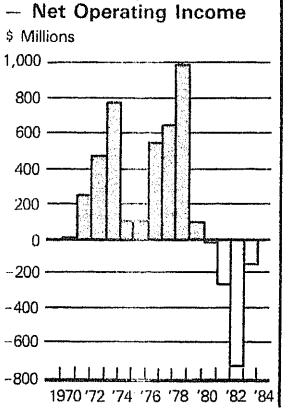
Passenger Cars — Vehicle Miles Traveled[1]



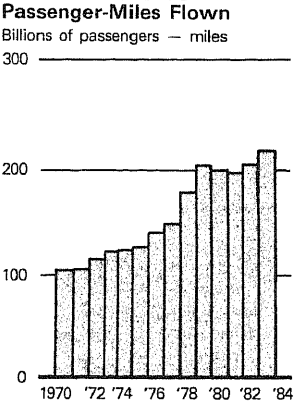
New Auto Sales



Passenger/Cargo Air Carriers[3] — Net Operating Income



Air Carriers — Domestic Revenue Passenger-Miles Flown



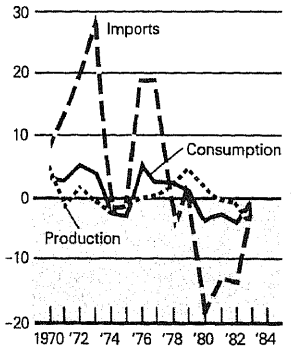
Science, Communication & Transportation	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
R&D outlays: Current dollars	$Bil.	26.1	35.2	62.6	80.3	87.7	9.1	28.3	9.2
Constant (1972) dollars	$Bil.	28.6	28.2	35.1	38.7	40.6	2.1	10.3	4.9
Percent of GNP	Percent	2.6	2.3	2.4	2.6	2.6	(NS)	(NS)	(NS)
Daily newspaper circulation	Millions	62.1	60.7	62.2	62.5	62.6	(Z)	.5	.2
Households with TV sets	Millions	58.5	68.5	76.3	81.5	83.3	2.7	6.8	2.2
Cable TV subscribers	Millions	4.5	9.8	15.5	21.0	25.0	13.2	35.5	19.0
Passenger cars: Registrations [1]	Millions	89.2	106.7	121.6	123.7	125.4	3.1	1.7	1.4
Vehicle miles traveled [2]	Billions	901	1,051	1,130	1,149	(NA)	2.3	1.7	(NA)
Fuel consumed, avg. per vehicle [2]	Gallons	722	685	579	539	(NA)	−2.2	−3.5	(NA)
New automobile retail sales	Millions	8.4	8.6	9.0	8.0	9.2	.7	−11.1	15.0
Domestic sales	Millions	7.1	7.1	6.6	5.8	6.8	−.7	−12.1	18.0
Import sales	Millions	1.3	1.6	2.4	2.2	2.4	6.4	−7.3	7.3
Railroads: Passengers carried	Millions	284	269	300	(NA)	(NA)	.5	(NA)	(NA)
Revenue-tons originated	Millions	1,485	1,395	1,492	1,269	1,293	(Z)	−14.9	1.9
Air carriers [3]: Revenue-passenger miles flown	Billions	104.1	131.7	200.8	210.1	226.5	6.8	4.6	7.8
Net operating income or loss	$Mil.	3	129	−6	−750	−176	(NS)	(NS)	(NS)

NA Not available. NS Not significant. Z Less than .05 percent.
[1] Includes taxis. [2] Includes taxis and motorcycles. [3] Domestic certificated route carriers.

Energy and Agriculture

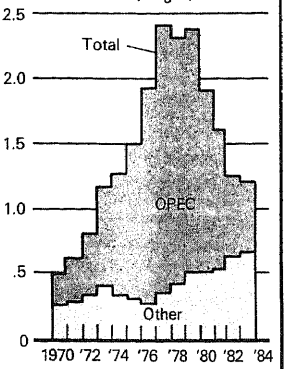
Energy Production, Consumption, and Imports

Annual percent change

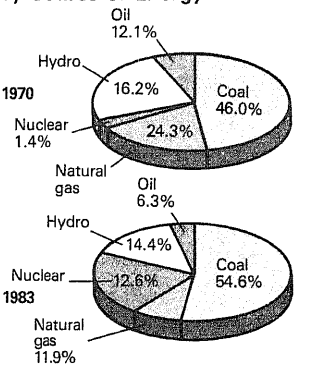


Crude Oil Imports into the U.S.

Billions of barrels (42 gal.)

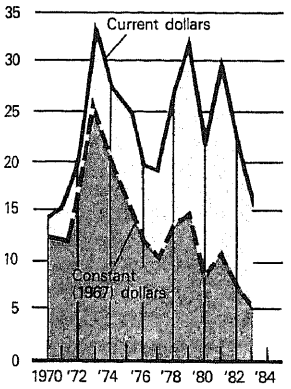


Electric Energy Production, by Source of Energy



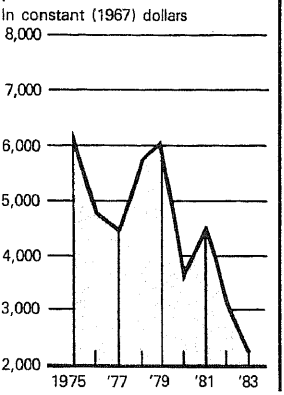
Net Farm Income

$ Billions



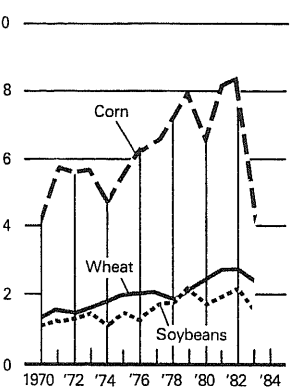
Net Income from Farming per Farm

In constant (1967) dollars



Crop Production

Billion bushels



Energy and Agriculture	Unit of measure	1970	1975	1980	1982	1983	Average annual percent change 1970-80	80-82	82-83
Energy consumption	Quad.Btu	66.4	70.5	75.9	70.8	70.5	1.3	−3.4	−.4
Energy production	Quad.Btu	62.0	59.8	64.7	63.9	61.0	.4	−.6	−4.5
Energy imports	Quad.Btu	8.4	14.1	16.0	12.1	11.9	6.7	−13.0	−1.7
Fossil fuel prices per mil. Btu's	Dollars	.32	.83	2.04	2.76	2.73	20.4	16.2	−.9
Crude oil production	Mil. bbl.	3,517	3,057	3,146	3,157	3,171	−1.1	.2	.4
Imports	Mil. bbl.	483	1,498	1,926	1,273	1,215	14.8	−18.7	−4.6
Electric utility production	Bil. kWh	1,532	1,918	2,286	2,241	2,310	4.1	−1.0	3.1
Nuclear	Bil. kWh	22	173	251	283	292	27.6	6.2	3.2
Farms, number [1]	1,000	2,949	2,521	2,433	2,401	2,370	(NS)	−.7	−1.3
Land in farms (acres)[1]	Millions	1,102	1,059	1,039	1,028	1,024	(NS)	−.5	−.4
Net farm income: Current dollars	$Bil.	14.4	25.6	21.2	22.3	16.1	3.9	2.6	−27.9
Constant (1967) dollars	$Bil.	12.4	15.9	8.6	7.7	5.4	−3.6	−5.2	−30.2
Corn production	Bil. bu.	4.2	5.8	6.6	8.2	4.2	4.8	11.4	−49.4
Wheat production	Bil. bu.	1.4	2.1	2.4	2.8	2.4	5.8	7.8	−12.5
Soybean production	Bil. bu.	1.1	1.5	1.8	2.2	1.6	4.8	10.4	−28.4
Meat production	Bil. lb.	36.2	36.8	39.0	37.6	39.3	.7	−1.8	4.5

NS Not significant. [1] 1970 based on 1969 definition; 1975-83 based on 1974 definition.



Section 1

Population

This section presents statistics on the growth, distribution, and characteristics of the U.S. population. The principal source of these data is the Bureau of the Census, which conducts a decennial census of population, a monthly population survey, a program of population estimates and projections, and a number of other periodic surveys relating to population characteristics. For a list of relevant publications, see the Guide to Sources in Appendix IV.

Decennial censuses.—The U.S. Constitution provides for a census of the population every 10 years, primarily to establish a basis for apportionment of members of the House of Representatives among the States. For over a century after the first census in 1790, the census organization was a temporary one, created only for each decennial census. In 1902, the Bureau of the Census was established as a permanent Federal agency, responsible for enumerating the population and also for compiling statistics on other subjects.

The census of population is a complete count. That is, an attempt is made to account for every person, for each person's residence, and for other characteristics (sex, age, family relationships, etc.). Since the 1940 census, in addition to the complete count information, some data have been obtained from representative samples of the population. In the 1980 census, two sampling rates were employed. For most of the country, one in every six households (about 17 percent) received the long form or sample questionnaire; in areas estimated to have fewer than 2,500 inhabitants, every other household (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas. Exact agreement is not to be expected between sample data and the complete census count. Sample data may be used with confidence where large numbers are involved and assumed to indicate trends and relationships where small numbers are involved.

Three different census counts for the resident population in 1970 are shown in the tables: 203,211,926; 203,235,298; and 203,302,031. The first is the initial tabulated count, the second is the official count, and the third contains the latest revisions. Breakdowns of the revised count of 203,302,031 are not available for demographic characteristics and may not be available for some levels of geography.

The complete count data from the 1980 census shown in this edition are, where possible, consistent with figures published in the 1980 census final reports, series PC80-1-A (U.S. population: 226,545,805). In some cases the data are consistent with figures published in the 1980 census advance reports, series PHC80-V, (U.S. population: 226,504,825).

Reassessment of the evaluation studies of the 1970 census indicates a total net underenumeration of about 4.7 million persons in 1970, compared with 5.1 million in 1960. Among the persons who were not counted in 1970, about 2.9 million were White and about 1.9 million were Black. The overall rate of net underenumeration in 1970 was about 2.2 percent, compared with 2.7 percent in 1960 and 3.3 percent in 1950. Comparable estimates of net underenumeration for 1980 have not been completely developed. However, preliminary results indicate that overall coverage probably improved in the 1980 census and that the number of Blacks not counted dropped to between 1.3 and 1.5 million. Census data presented here have not been adjusted for underenumeration. See *Estimates of Coverage of Population by Sex, Race, and Age: Demographic Analysis,* PHC(E)-4, February 1974 for a discussion of the 1950, 1960, and original 1970 estimates and *Coverage of the National Population by Age, Sex, and Race in the 1980 Census: Preliminary Estimates by Demographic Analysis (Current Population Reports,* series P-23, No. 115) for the revised 1970 and preliminary 1980 coverage estimates.

Current Population Survey (CPS).—This is a monthly nationwide survey of a scientifically selected sample representing the noninstitutional civilian population. The sample is located in over 600 areas comprising approximately 1,100 counties and independent cities with coverage in every State and the District of Columbia and is subject to sampling error. At the present time, about 71,000 housing units or other living quarters are assigned for interview at any time, of which about 60,000 are occupied by households eligible for interview; of these, in turn, about 4 percent are, for various reasons, unavailable for interview.

While the primary purpose of CPS is to obtain monthly statistics on the labor force, it also serves as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of publica-

tions under the general title of Current Population Reports, which cover population characteristics (series P-20), consumer income (series P-60), special studies (series P-23), and other topics.

Estimates of population characteristics based on the 1980 CPS will not necessarily agree with the counts from the 1980 census because the CPS and the 1980 census used different procedures for collecting and processing the data for racial groups, the Spanish origin population, and other topics. Caution should also be used when comparing estimates for 1980 and later, (for education data, 1981 and later), which reflect 1980 census-based population controls to those for 1971 through 1979 (for education, to 1980), which reflect 1970 census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percent distribution, but did have a significant impact on levels. For example, use of 1980-based population controls resulted in about a 2-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for 1980 and later will differ from those for earlier years by more than what could be attributed to actual changes in the population and these differences could be disproportionately greater for subpopulation groups than for the total population.

Population estimates and projections.—National population estimates are derived by using decennial census data as benchmarks and data available from various agencies as follows: Births and deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Service); Armed Forces (Department of Defense and Department of Transportation) net movement between Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees abroad (Office of Personnel Management and Department of Defense). Estimates for States and smaller areas are based on data series such as births and deaths, school statistics from State departments of education and parochial school systems, labor force data, and Federal income tax returns. Current population projections for States for 1990 and 2000 are consistent with counts shown in 1980 census advance reports, series PHC80-V. Current population estimates and national projections are consistent with counts shown in 1980 census final reports, series PC80-1-A.

The estimates of the components of change shown for intercensal periods for States include a residual net migration plus the "error of closure," the unexplained difference between the estimated population at the end of the decade and the census count for that date. The error of closure at the national level was quite small during the 1950's (3,000) and 1960's (379,000). However, for the 1970's it amounts to almost 5 million.

National population projections indicate the approximate future level and characteristics of the population under given assumptions as to future fertility, mortality, and net immigration. The method used to develop the projections involves preparation of projections of each of the components of population change—births, deaths, and net immigration—and the combination of these with July 1 estimates of the current population. Projections for States incorporate further assumptions about the redistribution of population as a consequence of internal migration.

Population estimates and projections are published in the P-25 and P-26 series of Current Population Reports. These estimates and projections are generally consistent with official decennial census figures and do not reflect the amount of estimated census underenumeration. For details on methodology, see the sources cited below the individual tables.

Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's), and Primary Metropolitan Statistical Areas (PMSA's).—The general concept of an MSA is one of a large population nucleus together with adjacent communities which have a high degree of social and economic integration with that nucleus. CMSA's are large metropolitan complexes within which individual components, designated as PMSA's, have been defined. MSA's, CMSA's, and PMSA's are defined by the Office of Management and Budget as a standard for Federal agencies in the preparation and publication of statistics relating to metropolitian areas. The new terms MSA, CMSA, and PMSA went into effect June 30, 1983, replacing the previous terms SMSA (standard metropolitan statistical area) and SCSA (standard consolidated statistical area). The entire territory of the United States is classified as metropolitan (inside MSA's or CMSA's) or nonmetropolitan (outside MSA's or CMSA's). MSA's, CMSA's, and PMSA's are defined in terms of entire counties except in New England, where the definitions are in terms of cities and towns. To summarize data for New England that are available only by counties, New England County Metropolitan Areas (NECMA's) have been defined as a convenience for data users. From time to time, new metropolitan areas are created and the boundaries of others change. As a result, data for metropolitan areas over time may not be comparable and the analysis of historical trends must be made cautiously. For descriptive details, tables showing changes in metropolitan area definitions, and a listing of area titles and components of each metropolitan area, see Appendix II.

Urban and rural.—According to the 1980 census definition, the urban population comprises all persons living in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs

(except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities (places with low population density in one or more large parts of their area); (b) census designated places (previously termed unincorporated) of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. An urbanized area consists of a central city or a central core, together with contiguous closely settled territory, that combined have a total population of at least 50,000.

In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 or more inhabitants and areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. To improve its measure of the urban population, the Bureau of the Census in 1950 adopted the concept of the urbanized area and delineated boundaries for unincorporated places. The 1950 definition has continued substantially unchanged, except for minor modifications in 1960, the introduction of the extended city concept in 1970, and changes in the criteria for defining urbanized areas for 1980 so as to permit such areas to be defined around smaller centers. In all definitions, the population not classified as urban constitutes the rural population.

Residence.—In determining residence, the Bureau of the Census counts each person as an inhabitant of a usual place of residence (i.e., the place where one usually eats and sleeps). While this place is not necessarily a person's legal residence or voting residence, the use of these different bases of classification would produce the same results in the vast majority of cases.

Race.—In the 1980 census, 15 groups were listed in the race item on the 1980 census questionnaire: White, Black, American Indian, Eskimo, Aleut, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, Guamanian, and Other. The concept of race as used by the Census Bureau does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification by respondents, the data represent self-classification by people according to the race with which they identify.

In 1980, if persons of mixed racial parentage could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the mother, then the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The 1980 population totals for "White" and "Other" are not comparable with corresponding figures from previous censuses. The lack of comparability is due to changes in the way some respondents reported their race as well as changes in 1980 census procedures related to the racial classification. (For a fuller explanation, see *1980 Census of Population, Volume I, General Population Characteristics* (PC80-1-B).)

Estimates of the population by race for April 1, 1980 (shown in tables 29 and 30) are modified counts and are not comparable to the 1980 census race categories. These estimates were computed using 1980 census data by race which had been modified to be consistent with the race categories used in the reporting of vital statistics by the U.S. National Center for Health Statistics. A detailed explanation of the race modification procedure appears in *Current Population Reports,* series P-25, No. 917.

In the Current Population Survey (CPS) and other household sample surveys in which data are obtained through personal interview, respondents are asked to classify their race as 1) White, 2) Black, 3) American Indian, Aleut, or Eskimo, or 4) Asian or Pacific Islander. The procedures for classifying persons of mixed races who could not provide a single response to the race question are generally similar to those used in the 1980 census. For comments on comparability of 1980 CPS and census data, see section above on Current Population Survey.

Spanish origin.—In the 1980 census, the Bureau of the Census collected data on the Spanish origin population in the United States by using a self-identification question. Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Spanish origin categories listed on the questionnaire—Mexican, Puerto Rican, Cuban, or Other Spanish/Hispanic origin. The 1980 figures on Spanish origin are not directly comparable with 1970 census data on Spanish origin because of factors such as overall improvements in the 1980 census and improved question design. Also, it should be noted that persons of Spanish origin may be of any race.

In the Current Population Survey (CPS), information on persons of Spanish origin was gathered by using a self-identification question. Persons classified themselves in one of the Spanish origin categories in response to the question: "What is the origin or descent of each person in this household?" Persons of Spanish origin in the CPS were persons who reported themselves as Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish origin.

Ancestry.—Information on ancestry (ethnicity) was collected in the 1980 Census of Population. The ancestry question was open-ended (that is, no prelisted categories were provided) and was worded "What is this person's ancestry?" Persons were asked to report their ancestry group(s) based on self-identification. Ancestry refers to the nationality group, lineage, descent, or the country in which the person or person's parents or ancestors were born before their arrival in the United States. Thus, persons reported their ancestry group(s) regardless of the number of generations removed from their country of origin. Responses to the ancestry question reflect ethnic group(s) with which persons identified but did not necessarily indicate the degree of attachment or association the person had with the particular ethnic group(s).

Nativity.—The native population consists of all persons born in the U.S., Puerto Rico, or an outlying area of the U.S. It also includes persons born at sea or in a foreign country who have at least one American parent. All others are classified as "foreign born."

Mobility status.—The U.S. population is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the survey or census and the place of residence at a specified earlier date. Nonmovers are all persons who were living in the same house or apartment at the end of the period as at the beginning of the period. Movers are all persons who were living in a different house at the end of the period from that in which they were living at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence was outside the U.S. at the beginning of the period; that is, in Puerto Rico, an outlying area under the jurisdiction of the U.S., or a foreign country.

Living arrangements.—Living arrangements may be in households or in group quarters. A "household" comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a single room that constitutes "separate living quarters." A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone or a group of unrelated persons sharing the same housing unit as partners is also counted as a household. See text, section 28, Construction and Housing, for definition of "housing unit."

All persons not living in households are classified as living in group quarters. These individuals may be institutionalized, e.g., under care or custody in juvenile facilities, jails, correctional centers, hospitals, or rest homes; or they may be residents in college dormitories, military barracks, rooming houses, etc. (see table 72).

Householder.—Beginning in 1980, the terms "householder" and "family householder" have been used in the presentation of data that had previously been presented with the designations "head of household" and "head of family". The householder is the first adult household member listed on the questionnaire. The instructions call for listing first the person (or one of the persons) in whose name the home is owned or rented. If a home is owned or rented jointly by a married couple, either the husband or the wife may be listed first. Prior to 1980, the husband was always considered the household head (householder) in married-couple households.

Family.—The term "family" refers to a group of two or more persons related by birth, marriage, or adoption and residing together in a household. A family includes among its members the person or couple who maintains the household.

Subfamily.—Subfamilies are divided into "related" and "unrelated" subfamilies. A related subfamily consists of a married couple and their children, if any, or one parent with one or more never married children under 18 years old living in a household and related to, but not including, the person or couple who maintains the household. Members of a related subfamily are also members of the family with whom they live. The number of related subfamilies, therefore, is not included in the number of families. An unrelated subfamily comprises two or more persons such as guests, lodgers, or resident employees who are related to each other but not to the person or couple who maintains the household in which they live.

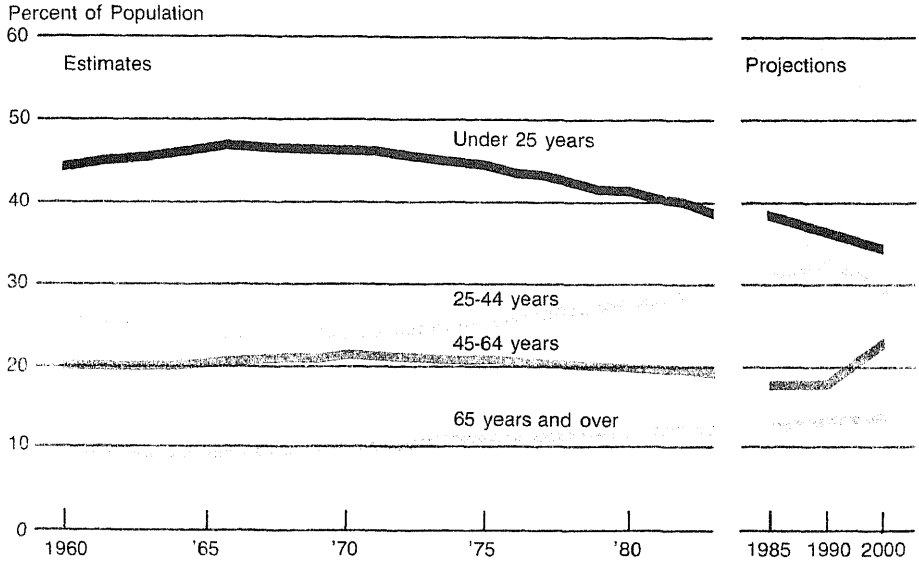
Married couple.—A "married couple" is defined as a husband and wife living together in the same household, with or without children and other relatives.

Unrelated individuals.—"Unrelated individuals" refers to persons (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be a nonfamily householder who lives alone or with nonrelatives only or a secondary individual such as a guest, lodger, or resident employee who is not related to any other persons in the household. Persons in group quarters, except inmates of institutions, are classified as secondary individuals.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

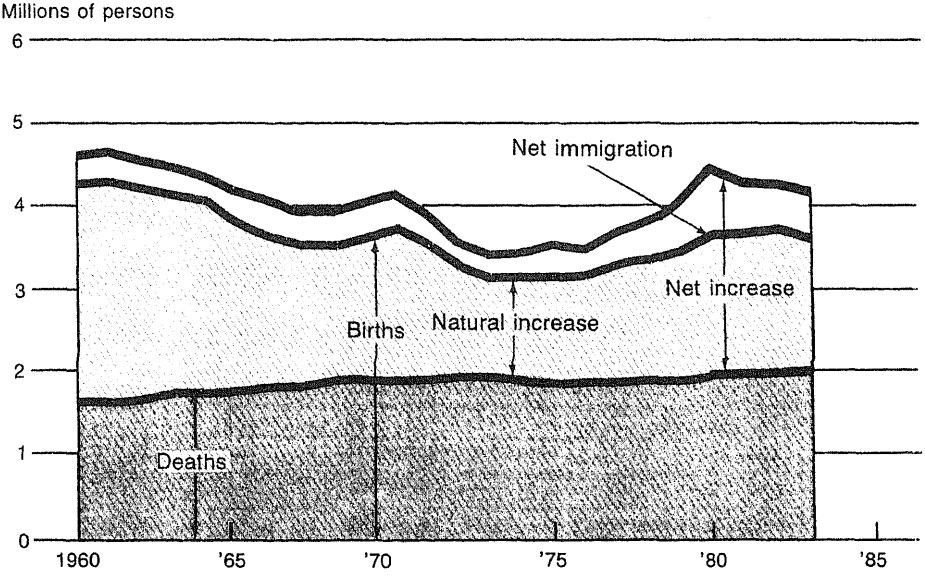
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 1.1
Age Distribution of United States Population: 1960 to 1983; and Projections to 2000



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 27 and 28.

Figure 1.2
Components of Population Change: 1960 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 7.

No. 1. Population and Area: 1790 to 1980

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Total area figures for 1790–1970 have been recalculated on the basis of the remeasurement of States and counties for the 1980 census. The land and water area figures for past censuses have not been adjusted and are not strictly comparable with the total area data for comparable dates because the land areas were derived from different base data, and these values are known to have changed with the construction of reservoirs, draining of lakes, etc. Density figures are based on land area measurements as reported in earlier censuses. For additional area data, see tables 5 and 327.]

CENSUS DATE	RESIDENT POPULATION				AREA (square miles)		
	Number	Per square mile of land area	Increase over preceding census		Gross	Land	Water
			Number	Percent			
CONTERMINOUS U.S. [1]							
1790 (Aug. 2)	3,929,214	4.5	(x)	(x)	891,364	864,746	24,065
1800 (Aug. 4)	5,308,483	6.1	1,379,269	35.1	891,364	864,746	24,065
1810 (Aug. 6)	7,239,881	4.3	1,931,398	36.4	1,722,685	1,681,828	34,175
1820 (Aug. 7)	9,638,453	5.5	2,398,572	33.1	1,792,552	1,749,462	38,544
1830 (June 1)	12,866,020	7.4	3,227,567	33.5	1,792,552	1,749,462	38,544
1840 (June 1)	17,069,453	9.8	4,203,433	32.7	1,792,552	1,749,462	38,544
1850 (June 1)	23,191,876	7.9	6,122,423	35.9	2,991,655	2,940,042	52,705
1860 (June 1)	31,443,321	10.6	8,251,445	35.6	3,021,295	2,969,640	52,747
1870 (June 1)	[2] 39,818,449	[2] 13.4	8,375,128	26.6	3,021,295	2,969,640	52,747
1880 (June 1)	50,155,783	16.9	10,337,334	26.0	3,021,295	2,969,640	52,747
1890 (June 1)	62,947,714	21.2	12,791,931	25.5	3,021,295	2,969,640	52,747
1900 (June 1)	75,994,575	25.6	13,046,861	20.7	3,021,295	2,969,834	52,553
1910 (Apr. 15)	91,972,266	31.0	15,977,691	21.0	3,021,295	2,969,565	52,822
1920 (Jan. 1)	105,710,620	35.6	13,738,354	14.9	3,021,295	2,969,451	52,936
1930 (Apr. 1)	122,775,046	41.2	17,064,426	16.1	3,021,295	2,977,128	45,259
1940 (Apr. 1)	131,669,275	44.2	8,894,229	7.2	3,021,295	2,977,128	45,259
1950 (Apr. 1)	150,697,361	50.7	19,028,086	14.5	3,021,295	2,974,726	47,661
1960 (Apr. 1)	178,464,236	60.1	27,766,875	18.4	3,021,295	2,968,054	54,207
UNITED STATES							
1950 (Apr. 1)	151,325,798	42.6	19,161,229	14.5	3,618,770	3,552,206	63,005
1960 (Apr. 1)	179,323,175	50.6	27,997,377	18.5	3,618,770	3,540,911	74,212
1970 (Apr. 1)	[3] 203,302,031	[3] 57.4	23,978,856	13.4	3,618,770	[3] 3,540,023	[3] 78,444
1980 (Apr. 1)	226,545,805	64.0	23,243,774	11.4	3,618,770	3,539,289	79,481

X Not applicable. [1] Excludes Alaska and Hawaii. [2] Revised to include adjustments for underenumeration in Southern States; unrevised number is 38,558,371 (13.0 per square mile). [3] Figures corrected after 1970 final reports were issued.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1920* to *1980*, vol. I; and other reports and unpublished data. See also *Areas of the United States, 1940*, and *Area Measurement Reports, 1960*, series GE-20, No. 1.

No. 2. Population: 1900 to 1984

[In millions, except percent. Estimates as of **July 1.** Prior to 1940, excludes Alaska and Hawaii. Total population includes Armed Forces abroad; civilian population excludes Armed Forces. See text, p. 2, for basis of estimates. See also *Historical Statistics, Colonial Times to 1970*, series A 6–8]

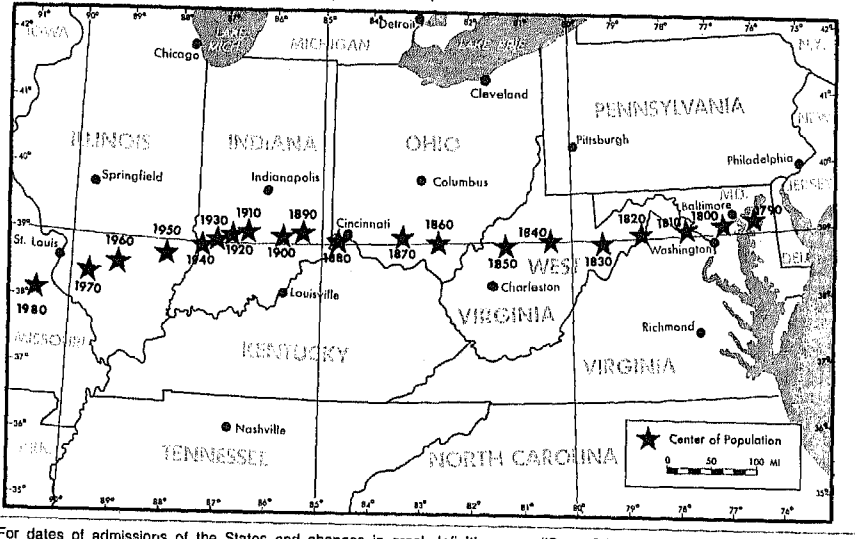
YEAR	Resident population	YEAR	Resident population	YEAR	TOTAL		Resident population	Civilian population	YEAR	TOTAL		Resident population	Civilian population
					Population	Percent change				Population	Percent change		
1900	76.1	1922	110.1	1944	138.9	1.2	133.9	127.2	1966	196.6	1.2	195.6	193.4
1901	77.6	1923	112.0	1945	140.5	1.1	133.4	128.1	1967	198.7	1.1	197.5	195.3
1902	79.2	1924	114.1	1946	141.0	1.0	140.7	138.9	1968	200.7	1.0	199.4	197.1
1903	80.6	1925	115.8	1947	144.7	1.9	144.1	143.1	1969	202.7	1.0	201.4	199.1
1904	82.2	1926	117.4	1948	147.2	1.7	146.7	145.7	1970	205.1	1.2	204.0	201.9
1905	83.8	1927	119.0	1949	149.3	1.7	149.3	149.2	1971	207.7	1.3	206.8	204.9
1906	85.4	1928	120.5	1950	152.3	1.7	151.9	150.8	1972	209.9	1.1	209.3	207.5
1907	87.0	1929	121.8	1951	154.9	1.7	154.0	151.6	1973	211.9	1.0	211.4	209.6
1908	88.7	1930	123.1	1952	157.6	1.7	156.4	153.9	1974	213.9	.9	213.3	211.6
1909	90.5	1931	124.1	1953	160.2	1.7	159.0	156.6	1975	216.0	1.0	215.5	213.8
1910	92.4	1932	124.8	1954	163.0	1.8	161.9	159.7	1976	218.0	1.0	217.6	215.9
1911	93.9	1933	125.6	1955	165.9	1.8	165.1	163.0	1977	220.2	1.0	219.8	218.1
1912	95.3	1934	126.4	1956	168.9	1.8	168.1	166.1	1978	222.6	1.1	222.1	220.5
1913	97.2	1935	127.3	1957	172.0	1.8	171.2	169.1	1979	225.1	1.1	222.6	223.0
1914	99.1	1936	128.1	1958	174.9	1.7	174.1	172.2	1980	227.7	1.2	227.2	225.6
1915	100.5	1937	128.8	1959	177.8	1.7	177.1	175.3	1981	230.0	1.0	229.5	227.9
1916	102.0	1938	129.8	1960	180.7	1.6	180.0	178.1	1982	232.3	1.0	231.8	230.1
1917	103.3	1939	130.9	1961	183.7	1.7	183.0	181.1	1983	234.5	.9	234.0	232.3
1918	103.2	1940	132.5	1962	186.6	1.5	185.8	183.7					
1919	104.5	1941	133.7	1963	189.2	1.4	188.5	186.5	1984	236.6	.9	236.1	234.4
1920	106.5	1942	134.6	1964	191.9	1.4	191.1	189.1					
1921	108.5	1943	135.1	1965	194.3	1.3	193.5	191.6					

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 802 and 938.

No. 3. Center of Population: 1790 to 1980

["Center of population" is that point at which an imaginary flat, weightless, and rigid map of the United States would balance if weights of identical value were placed on it so that each weight represented the location of one person on the date of the census]

YEAR [1]	North latitude			West longitude			Approximate location
	°	′	″	°	′	″	
1790 (Aug. 2)	39	16	30	76	11	12	23 miles east of Baltimore, Md.
1850 (June 1)	38	59	0	81	19	0	23 miles southeast of Parkersburg, W. Va.
1900 (June 1)	39	9	36	85	48	54	6 miles southeast of Columbus, Ind.
1950 (Apr. 1)	38	50	21	88	9	33	8 miles north-northwest of Olney, Richland County, Ill.
1960 (Apr. 1)	38	35	58	89	12	35	In Clinton Co. about 6½ miles northwest of Centralia, Ill.
1970 (Apr. 1)	38	27	47	89	42	22	5.3 miles east-southeast of the Mascoutah City Hall in St. Clair County, Ill.
1980 (Apr. 1)	38	8	13	90	34	26	¼ mile west of De Soto in Jefferson County, Mo.



[1] For dates of admissions of the States and changes in areal definition, see "State Origins and Boundaries," *United States Summary, U.S. Census of Population: 1960*, vol. I. For year of admission to statehood, see table 326.

Source: U.S. Bureau of the Census, *1980 Census of Population, Vol. 1.*

No. 4. U.S. Population Living Abroad, by Selected Country: 1984

[**In thousands.** As of **May 21.** Based on data from the Dept. of Defense]

COUNTRY	Total	Private citizens	DEPT. OF DEFENSE NONCOMBATANTS			OTHER U.S. GOVERNMENT		
			Total	Em-ployees	Depend-ents	Total	Em-ployees	Depend-ents
Total [1]	**2,607.4**	**2,029.3**	**457.9**	**56.0**	**401.9**	**120.2**	**51.9**	**68.2**
Australia	38.4	36.3	1.9	.7	1.2	.2	.1	.1
Brazil	29.3	28.9	.2	.1	.1	.3	.1	.2
Canada	302.5	300.0	1.0	.2	.9	1.5	.6	.8
Dominican Republic	27.0	26.2	.1	(Z)	(Z)	.8	.4	.3
France	21.7	21.6	(Z)	(Z)	(Z)	.2	.1	.1
Germany, Fed. Rep	445.5	109.7	281.5	16.5	265.0	54.2	21.2	33.0
Greece	63.7	54.0	7.9	4.1	3.7	1.8	.7	1.1
Ireland	25.5	25.4	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Israel	44.2	43.5	.1	.1	.1	.5	.2	.3
Italy	98.1	83.1	13.9	3.1	10.8	1.1	.5	.7
Japan	82.4	34.1	45.4	3.5	42.0	2.9	1.0	1.9
Mexico	671.9	670.0	.1	(Z)	.1	1.7	.6	1.1
Saudi Arabia	66.5	53.4	6.4	2.8	3.5	6.7	3.0	3.7
Spain	79.0	59.7	17.7	7.1	10.5	1.7	.6	1.1
Switzerland	20.6	20.0	.1	(Z)	(Z)	.5	.2	.3
United Kingdom	21.6	18.8	2.5	.1	2.5	.2	.1	.2

Z Fewer than 50. [1] Includes other countries not shown separately.

Source: U.S. Dept. of State, unpublished data.

NO. 5. POPULATION AND AREA—UNITED STATES AND OUTLYING AREAS: 1960 TO 1980

[For area of individual States, see table 326. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series A 9-22 and J 1-2]

AREA	RESIDENT POPULATION				Gross area (land and water), 1980 (sq. mi.)
	1960 (April 1)	1970 (April 1)	1980 (April 1)	Percent change, 1970-80	
Total	**183,285,009**	**208,066,557**	**231,106,727**	**11.1**	**3,623,461**
United States	179,323,175	203,302,031	226,545,805	11.4	3,618,770
Puerto Rico [1]	2,349,544	2,712,033	3,196,520	17.9	3,515
Outlying areas	[2] 237,869	[2] 314,657	368,856	17.2	1,176
Territories [3]	[4] 123,151	[4] 179,519	235,927	31.4	459
Guam	67,044	84,996	105,979	24.7	209
Virgin Islands of the U.S.	32,099	62,468	96,569	54.6	132
American Samoa	20,051	27,159	32,297	18.9	77
Trust Territory of the Pacific Islands [5]	[6] 62,434	81,300	[7] 116,149	42.9	[8] 533
Northern Mariana Islands [5]	[6] 8,290	9,640	16,780	74.1	184
U.S. population abroad [9]	1,374,421	1,737,836	995,546	(X)	(X)
Federal employees	647,730	1,114,224	562,962	–49.5	(X)
Armed Forces	609,720	[10] 1,057,776	[10] 515,408	–51.3	(X)
Civilians	38,010	56,448	[11] 47,554	–15.8	(X)
Dependents of Federal employees	506,393	371,366	[10] 432,584	16.5	(X)
Crews of merchant vessels	32,464	15,910	(NA)	(X)	(X)
Other citizens	[12] 187,834	[12] 236,336	(NA)	(X)	(X)

NA Not available. X Not applicable. [1] Puerto Rico was ceded to the United States by Spain in 1898. On July 25, 1952, pursuant to acts of Congress, it achieved the political status of the Commonwealth of Puerto Rico. [2] Includes population of Canal Zone (1960, 42,122; 1970, 44,198) and, for 1960 only, Corn Islands (1,872), not shown separately. Due to treaty of 1978 with Republic of Panama, U.S. jurisdiction over Canal Zone ended Oct. 1, 1979. Lease of Corn Islands from Republic of Nicaragua was terminated in 1971. [3] Includes Midway, Wake, Canton and Enderbury Islands, and Johnston Atoll, not shown separately; see section 32. Jurisdiction over Canton and Enderbury Islands was relinquished to Kiribati in 1979, pending approval by the U.S. Senate, but the islands were included in the 1980 census. Area data also include uninhabited areas of Navassa, Baker, Howland, Jarvis, and Palmyra. [4] Includes population of Swan Islands (1960, 28; 1970, 22), not shown separately. Pursuant to treaty in 1972, jurisdiction of the Swan Islands was transferred to Honduras. [5] Administered by United States since July 18, 1947, under United Nations Trusteeship system. Northern Mariana Islands is legally part of Trust Territory of the Pacific Islands, but both are recognized as separate entities for census purposes. [6] Census of 1958 conducted by the Office of the High Commissioner, Trust Territory of the Pacific Islands. [7] Census conducted on September 15, 1980. [8] Comprises land area only. [9] Excludes U.S. citizens temporarily abroad on private business, travel, etc. Such persons were enumerated at their usual place of residence in the United States as absent members of their own households. [10] Based partially on tabulations provided by U.S. Department of Defense. [11] Based on data supplied by U.S. Office of Personnel Management. [12] Represents U.S. citizens abroad for extended periods. Since this population was enumerated on a voluntary basis, its coverage is probably less complete than that of other categories of Americans abroad.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, and *1980 Census of Population,* vol. 1, chapter A (PC80-1-A).

NO. 6. PROJECTIONS OF TOTAL POPULATION: 1985 TO 2025

[**In thousands.** As of **July 1.** Includes Armed Forces abroad. See text, p. 2 for explanation of methodology. For the series shown the following assumptions were made about fertility (ultimate lifetime births per woman), mortality (life expectancy in 2050), and immigration (yearly net immigration). Lowest series: 1.6 births per woman, 76.7 years, and 250,000 net immigration. Middle series: 1.9 births per woman, 79.6 years, and 450,000 net immigration. Highest series: 2.3 births per woman, 83.3 years, and 750,000 net immigration. Zero migration series: 1.9 births per woman and 79.6 years]

YEAR	Lowest series (series 19)	Middle series (series 14)	Highest series (series 9)	Zero migration series (series 29)	YEAR	Lowest series (series 19)	Middle series (series 14)	Highest series (series 9)	Zero migration series (series 29)
1985	237,605	238,631	239,959	237,249	1995	251,876	259,559	268,151	252,927
1986	239,366	240,856	242,722	238,993	1996	252,849	261,339	270,859	254,137
1987	241,068	243,084	245,534	240,728	1997	253,750	263,060	273,544	255,282
1988	242,704	245,302	248,381	242,444	1998	254,587	264,731	276,213	256,370
1989	244,268	247,498	251,249	244,127	1999	255,368	266,360	278,876	257,411
					2000	256,098	267,955	281,542	258,412
1990	245,753	249,657	254,122	245,764	2005	259,181	275,677	295,276	263,085
1991	247,154	251,767	256,984	247,342	2010	261,482	283,238	310,008	267,468
1992	248,466	253,817	259,825	248,852	2015	262,795	290,406	325,423	271,335
1993	249,690	255,800	262,636	250,288	2020	262,695	296,597	340,762	274,118
1994	250,825	257,714	265,411	251,646	2025	260,904	301,394	355,503	275,436

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 952.

No. 7. Estimated Components of Population Change, 1940 to 1983, and Projections by Race, 1984 to 2000

[Projections are for middle series (series 14), see headnote, table 6 for explanation of assumptions. See text, p. 2 for explanation of methodology. For explanation of annual average percent change, see Guide to Tabular Presentation]

Year or period	Total (Jan. 1–Dec. 31)						Rate per 1,000 midyear population				
	Population at start of period (1,000)	Net increase [1]		Natural increase		Net civilian immigration (1,000)	Net growth rate [1]	Natural increase			Net civilian immigration rate
		Total (1,000)	Percent [2]	Births [3] (1,000)	Deaths [4] (1,000)			Total	Birth rate [3]	Death rate [4]	
ALL RACES [5]											
1940	132,054	1,221	.9	2,570	1,432	77	9.2	8.6	19.4	10.8	.6
1945	139,767	1,462	1.1	2,873	1,549	162	10.4	9.4	20.5	11.0	1.2
1950	151,135	2,486	1.7	3,645	1,468	299	16.3	14.3	23.9	9.6	2.0
1955	164,588	2,925	1.8	4,128	1,537	337	17.6	15.6	24.9	9.3	2.0
1960	179,386	2,901	1.6	4,307	1,708	327	16.1	14.4	23.8	9.5	1.8
1965	193,223	2,315	1.2	3,801	1,830	373	11.9	10.1	19.6	9.4	1.9
1970	203,849	2,617	1.3	3,739	1,927	438	12.8	8.8	18.2	9.4	2.1
1975	214,931	2,165	1.0	3,144	1,894	449	10.0	5.8	14.6	8.8	2.1
1976	217,095	2,084	1.0	3,168	1,910	353	9.6	5.6	14.5	8.8	1.6
1977	219,179	2,298	1.0	3,327	1,900	394	10.4	6.5	15.1	8.6	1.8
1978	221,477	2,403	1.1	3,333	1,928	508	10.8	6.3	15.0	8.7	2.3
1979	223,880	2,564	1.1	3,494	1,914	539	11.4	7.0	15.5	8.5	2.4
1980	226,444	2,532	1.1	3,612	1,990	787	11.1	7.1	15.9	8.7	3.5
1981	228,976	2,280	1.0	3,642	1,987	624	9.9	7.2	15.8	8.6	2.7
1982	231,256	2,251	1.0	3,704	1,986	532	9.7	7.4	15.9	8.5	2.3
1983	233,506	2,121	.9	3,618	2,014	517	9.0	6.8	15.4	8.6	2.2
Projections:											
1984	234,319	2,204	.9	3,788	2,034	450	9.3	7.4	16.0	8.6	1.9
1985	237,523	2,220	.9	3,826	2,056	450	9.3	7.4	16.0	8.6	1.9
1986	239,743	2,227	.9	3,855	2,078	450	9.2	7.4	16.0	8.6	1.9
1987	241,970	2,223	.9	3,873	2,100	450	9.1	7.3	15.9	8.6	1.9
1988	244,193	2,207	.9	3,879	2,122	450	9.0	7.2	15.8	8.7	1.8
1989	246,400	2,178	.9	3,871	2,144	450	8.8	7.0	15.6	8.7	1.8
1990	248,577	2,134	.9	3,849	2,165	450	8.5	6.7	15.4	8.7	1.8
1995	258,637	1,812	.7	3,628	2,266	450	7.0	5.2	14.0	8.7	1.7
2000	267,158	1,582	.6	3,495	2,363	450	5.9	4.2	13.0	8.8	1.7
WHITE											
Projections:											
1984	200,783	1,551	.8	3,048	1,768	271	7.7	6.4	15.1	8.8	1.3
1985	202,334	1,560	.8	3,076	1,787	271	7.7	6.3	15.1	8.8	1.3
1986	203,894	1,560	.8	3,096	1,806	271	7.6	6.3	15.1	8.8	1.3
1987	205,454	1,552	.8	3,107	1,825	271	7.5	6.2	15.1	8.9	1.3
1988	207,006	1,535	.7	3,108	1,844	271	7.4	6.1	15.0	8.9	1.3
1989	208,541	1,505	.7	3,097	1,863	271	7.2	5.9	14.8	8.9	1.3
1990	210,046	1,464	.7	3,074	1,883	271	6.9	5.7	14.6	8.9	1.3
BLACK											
Projections:											
1984	28,387	457	1.6	637	235	56	16.0	14.0	22.3	8.2	1.9
1985	28,844	463	1.6	644	237	56	15.9	14.0	22.1	8.1	1.9
1986	29,307	467	1.6	649	239	56	15.8	13.9	22.0	8.1	1.9
1987	29,773	469	1.6	653	240	56	15.6	13.8	21.8	8.0	1.9
1988	30,242	469	1.5	656	242	56	15.4	13.6	21.5	7.9	1.8
1989	30,711	467	1.5	656	244	56	15.1	13.3	21.2	7.9	1.8
1990	31,179	464	1.5	654	246	56	14.8	13.0	20.8	7.8	1.8
	Annual averages										
ALL RACES [5]											
1940–1944	132,054	1,543	1.1	2,872	1,468	114	11.4	10.4	21.2	10.8	.8
1945–1949	139,767	2,274	1.6	3,491	1,464	231	15.7	14.0	24.1	10.1	1.6
1950–1954	151,135	2,690	1.7	3,902	1,500	285	17.1	15.2	24.8	9.5	1.8
1955–1959	164,588	2,960	1.7	4,259	1,614	316	17.2	15.4	24.8	9.4	1.8
1960–1964	179,386	2,767	1.5	4,210	1,757	346	14.9	13.2	22.6	9.4	1.9
1965–1969	193,223	2,125	1.1	3,628	1,888	419	10.7	8.7	18.3	9.5	2.1
1970–1974	203,849	2,126	1.1	3,370	1,946	359	10.6	6.8	16.1	9.3	1.7
1975–1979	214,931	2,303	1.0	3,288	1,908	441	10.4	6.3	14.9	8.7	2.0
1980–1983	226,444	2,296	1.0	3,644	1,995	615	9.9	7.1	15.8	8.6	2.7

[1] Includes overseas admissions into, less discharges from, Armed Forces and includes for 1940–1980 "error of closure" (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately. [2] Percent of population at beginning of period. [3] Adjusted for underregistration prior to April 1, 1970. [4] Prior to April 1, 1960, adjusted for underregistration of infant deaths. [5] Includes other races, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 802, 922, 952, 953, and unpublished data.

NO. 8. RESIDENT POPULATION AND POPULATION DENSITY IN COUNTIES WITHIN 50 MILES OF COASTAL SHORELINES: 1940 TO 1980

[As of **April 1** and based on census data. Excludes Alaska and Hawaii. Covers 611 counties and independent cities which are entirely or substantially within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. Lawrence River]

YEAR	Conterminous U.S., total	COUNTIES IN COASTAL REGIONS					Balance of conterminous U.S.
		Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	
Land area, 1970 (1,000 sq. mi.)	2,964	468	122	118	134	94	2,496
POPULATION							
1940 (mil.)	131.7	60.5	29.9	7.5	18.9	4.2	71.2
1950 (mil.)	150.7	73.5	34.6	11.5	21.8	5.6	77.2
1960 (mil.)	178.5	92.7	41.7	16.8	26.4	7.8	85.7
1970 (mil.)	202.2	108.5	48.2	21.5	29.3	9.5	93.8
1980 (mil.)	225.2	118.4	50.7	25.4	29.8	12.6	106.7
1940 (percent)	100	46	23	6	14	3	54
1950 (percent)	100	49	23	8	15	4	51
1960 (percent)	100	52	23	9	15	4	48
1970 (percent)	100	54	24	11	15	5	46
1980 (percent)	100	53	23	11	13	6	47
Population per square mile:							
1940	44.4	129.2	244.4	64.1	140.9	44.8	28.5
1950	50.8	157.2	283.3	97.6	162.9	59.8	30.9
1960	60.2	198.3	341.6	142.7	197.3	83.1	34.3
1970	68.2	232.0	394.4	182.5	219.1	101.1	37.6
1980 [1]	76.0	253.3	414.9	215.8	222.4	134.1	42.8

[1] Based on 1970 land area.

Source: U.S. Bureau of the Census, unpublished data.

NO. 9. POPULATION, BY SIZE-CLASS OF STATES: 1970 TO 1983

[As of **April 1**, except **1983** as of **July 1**. Includes District of Columbia. Gross area comprises land and water]

POPULATION SIZE-CLASS	1970			1980				1983		
	Number of States	Population		Number of States	Population		Gross area		Number of States	Population	
		Total (1,000)	Percent of total		Total (1,000)	Percent of total	Total (1,000 sq. mi.)	Percent of total		Total (1,000)	Percent of total
Total	**51**	**203,302**	**100.0**	**51**	**226,546**	**100.0**	**3,619**	**100.0**	**51**	**233,981**	**100.0**
Over 10 million	6	82,980	40.8	6	89,543	39.5	618	17.1	7	103,371	44.2
5 million–10 million	6	38,813	19.1	8	54,292	24.0	322	8.9	7	45,146	19.3
3 million–5 million	12	46,746	23.0	12	47,654	21.0	577	15.9	13	52,106	22.3
2 million–3 million	7	16,743	8.2	7	18,326	8.1	555	15.3	6	15,870	6.8
1 million–2 million	6	9,005	4.4	5	7,408	3.3	341	9.4	6	8,749	3.7
Under 1 million	14	9,016	4.4	13	9,323	4.1	1,206	33.3	12	8,739	3.7

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; *1980 Census of Population*, vol. 1, chapter A (PC80-1-A); and *Current Population Reports*, series P-25, No. 944.

NO. 10. U.S. RESIDENT POPULATION, BY REGION AND DIVISION, 1950 TO 1983, AND PROJECTIONS, 1990 AND 2000

[As of **April 1**, except beginning **1983**, as of **July 1**. For composition of divisions, see fig. I, inside front cover]

REGION AND DIVISION	POPULATION (millions)							PERCENT DISTRIBUTION						
	1950	1960	1970	1980	1983	1990[1]	2000[1]	1950	1960	1970	1980	1983	1990[1]	2000[1]
United States	**151**	**179**	**203**	**227**	**234**	**249**	**267**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Northeast	39	45	49	49	50	48	46	26.1	24.9	24.1	21.7	21.2	19.4	17.4
New England	9	11	12	12	12	13	13	6.2	5.9	5.8	5.5	5.3	5.1	4.8
Middle Atlantic	30	34	37	37	37	36	34	19.9	19.1	18.3	16.2	15.8	14.3	12.6
Midwest	44	52	57	59	59	60	60	29.4	28.8	27.8	26.0	25.2	24.2	22.3
East North Central	30	36	40	42	42	42	42	20.1	20.2	19.8	18.4	17.7	17.0	15.6
West North Central	14	15	16	17	17	18	18	9.3	8.6	8.0	7.6	7.4	7.2	6.8
South	47	55	63	75	80	88	99	31.2	30.7	30.9	33.3	34.0	35.2	37.0
South Atlantic	21	26	31	37	39	43	49	14.0	14.5	15.1	16.3	16.6	17.3	18.3
East South Central	11	12	13	15	15	16	17	7.6	6.7	6.3	6.5	6.4	6.5	6.4
West South Central	15	17	19	24	26	28	33	9.6	9.5	9.5	10.5	11.0	11.4	12.2
West	20	28	35	43	46	53	63	13.3	15.6	17.1	19.1	19.6	21.2	23.4
Mountain	5	7	8	11	12	15	20	3.4	3.8	4.1	5.0	5.3	6.2	7.5
Pacific	15	21	27	32	34	38	42	10.0	11.8	13.1	14.0	14.4	15.1	15.8

[1] Middle series projections. See headnote, table 6.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; *1980 Census of Population*, vol. 1, chapter A (PC80-1-A); and *Current Population Reports*, series P-25, Nos. 937 and 944.

NO. 11. RESIDENT POPULATION—STATES: 1970 TO 1983

[Estimates as of **July 1.** For composition of regions, see fig. I, inside front cover. Includes Armed Forces stationed in area. See p. 2 for basis of estimates. For explanation of methodology, contact source]

REGION, DIVISION AND STATE	1970 [1] (1,000)	1975 (1,000)	1977 (1,000)	1978 (1,000)	1979 (1,000)	1980 [2] (1,000)	1981 (1,000)	1982 (1,000)	1983, prel. Rank order	1983, prel. Total (1,000)	1983, prel. Per sq. mi. of land area [3]
U.S	**203,810**	**215,465**	**219,760**	**222,095**	**224,567**	**227,156**	**229,518**	**231,786**	(x)	**233,981**	**66**
Regions:											
Northeast	49,127	49,448	49,333	49,244	49,226	49,199	49,258	49,305	(x)	49,519	304
Midwest	56,658	57,848	58,303	58,538	58,708	58,907	58,991	58,925	(x)	58,953	78
South	63,054	69,584	71,841	73,003	74,312	75,695	77,003	78,405	(x)	79,539	91
West	34,972	38,585	40,284	41,311	42,322	43,356	44,267	45,150	(x)	45,970	26
N. Eng	**11,871**	**12,176**	**12,257**	**12,303**	**12,345**	**12,367**	**12,417**	**12,432**	(x)	**12,489**	**198**
ME	997	1,073	1,105	1,115	1,125	1,126	1,133	1,136	38	1,146	37
NH	742	830	872	894	912	923	937	948	41	959	107
VT	446	480	492	498	506	512	516	520	48	525	57
MA	5,697	5,762	5,744	5,743	5,746	5,743	5,757	5,750	11	5,767	737
RI	951	946	955	957	957	949	952	953	42	955	906
CT	3,037	3,085	3,089	3,095	3,100	3,114	3,123	3,126	27	3,138	644
Mid. Atl	**37,256**	**37,271**	**37,075**	**36,942**	**36,880**	**36,832**	**36,841**	**36,873**	(x)	**37,029**	**371**
NY	18,259	18,032	17,852	17,720	17,634	17,575	17,556	17,567	2	17,667	373
NJ	7,189	7,341	7,342	7,356	7,373	7,377	7,407	7,427	9	7,468	1,000
PA	11,809	11,898	11,882	11,865	11,874	11,880	11,878	11,879	4	11,895	265
E. No. Cent	**40,308**	**41,105**	**41,353**	**41,509**	**41,611**	**41,705**	**41,700**	**41,582**	(x)	**41,531**	**170**
OH	10,666	10,770	10,771	10,795	10,799	10,800	10,799	10,772	6	10,746	262
IN	5,202	5,351	5,405	5,446	5,475	5,489	5,489	5,482	14	5,479	152
IL	11,118	11,306	11,406	11,434	11,423	11,433	11,467	11,466	5	11,486	206
MI	8,895	9,108	9,157	9,202	9,249	9,255	9,210	9,116	8	9,069	159
WI	4,426	4,570	4,613	4,631	4,666	4,728	4,735	4,745	16	4,751	87
W. No. Cent	**16,350**	**16,743**	**16,950**	**17,028**	**17,097**	**17,202**	**17,291**	**17,343**	(x)	**17,422**	**34**
MN	3,814	3,926	3,980	4,005	4,038	4,083	4,112	4,133	21	4,144	52
IA	2,829	2,881	2,914	2,919	2,917	2,913	2,917	2,906	29	2,905	52
MO	4,684	4,795	4,845	4,871	4,889	4,924	4,939	4,942	15	4,970	72
ND	619	638	649	651	652	654	661	672	46	680	10
SD	667	681	689	689	689	690	692	694	45	700	9
NE	1,489	1,541	1,554	1,561	1,564	1,572	1,583	1,589	36	1,597	21
KS	2,248	2,279	2,318	2,333	2,347	2,367	2,387	2,408	32	2,425	30
So. Atl	**30,815**	**34,389**	**35,341**	**35,882**	**36,492**	**37,142**	**37,784**	**38,303**	(x)	**38,805**	**145**
DE	551	589	595	598	599	596	596	600	47	606	314
MD	3,940	4,157	4,195	4,212	4,223	4,225	4,258	4,270	19	4,304	438
DC	755	710	682	670	656	637	632	626	(x)	623	9,891
VA	4,667	5,056	5,206	5,284	5,325	5,362	5,436	5,485	13	5,550	140
WV	1,747	1,841	1,906	1,920	1,939	1,950	1,960	1,961	34	1,965	81
NC	5,101	5,535	5,668	5,739	5,802	5,888	5,958	6,019	10	6,082	125
SC	2,600	2,900	2,989	3,041	3,087	3,127	3,186	3,227	25	3,264	108
GA	4,604	5,059	5,212	5,286	5,391	5,482	5,573	5,648	12	5,732	99
FL	6,851	8,542	8,889	9,132	9,471	9,874	10,183	10,466	7	10,680	197
E. So. Cent	**12,843**	**13,810**	**14,219**	**14,395**	**14,554**	**14,675**	**14,780**	**14,858**	(x)	**14,946**	**84**
KY	3,231	3,469	3,575	3,611	3,644	3,662	3,675	3,692	23	3,714	94
TN	3,937	4,261	4,402	4,462	4,533	4,595	4,630	4,656	17	4,685	114
AL	3,450	3,681	3,783	3,834	3,869	3,895	3,927	3,941	22	3,959	78
MS	2,223	2,400	2,460	2,488	2,508	2,523	2,548	2,569	31	2,587	55
W. So. Cent	**19,396**	**21,385**	**22,281**	**22,725**	**23,266**	**23,878**	**24,438**	**25,244**	(x)	**25,788**	**60**
AR	1,930	2,158	2,207	2,241	2,269	2,299	2,300	2,307	33	2,328	45
LA	3,654	3,887	4,016	4,073	4,139	4,222	4,300	4,383	18	4,438	100
OK	2,568	2,772	2,866	2,913	2,970	3,038	3,102	3,226	24	3,298	48
TX	11,244	12,568	13,192	13,498	13,887	14,321	14,736	15,329	3	15,724	60
Mt	**8,352**	**9,851**	**10,409**	**10,746**	**11,123**	**11,428**	**11,746**	**12,068**	(x)	**12,331**	**14**
MT	697	749	771	784	789	788	796	805	44	817	6
ID	717	832	883	911	933	947	964	977	40	989	12
WY	334	380	412	431	452	475	493	509	49	514	5
CO	2,226	2,586	2,696	2,767	2,849	2,903	2,983	3,071	26	3,139	30
NM	1,023	1,163	1,225	1,252	1,281	1,305	1,334	1,367	37	1,399	12
AZ	1,795	2,286	2,427	2,518	2,639	2,731	2,807	2,892	28	2,963	26
UT	1,066	1,234	1,316	1,364	1,416	1,472	1,524	1,571	35	1,619	20
NV	494	620	678	719	765	807	844	876	43	891	8
Pac	**26,620**	**28,735**	**29,874**	**30,565**	**31,198**	**31,927**	**32,521**	**33,082**	(x)	**33,639**	**38**
WA	3,416	3,619	3,772	3,886	4,013	4,148	4,235	4,276	20	4,300	65
OR	2,101	2,325	2,439	2,510	2,578	2,638	2,669	2,668	30	2,662	28
CA	20,023	21,537	22,350	22,839	23,255	23,771	24,220	24,697	1	25,174	161
AK	305	370	396	401	402	403	416	444	50	479	1
HI	775	884	916	929	950	969	981	997	39	1,023	159

X Not applicable. [1] Data have not been revised on basis of 1980 census counts [2] State estimates have not been revised and will not agree with revised U.S. population in table 31. [3] For area figures used to derive these data, see table 326.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 944, and unpublished data.

No. 12. Resident Population, 1940 to 1980, and

[As of Apr. 1, except as noted. Insofar as possible, population shown for all years is that of present area of State; for area. See *Historical Statistics, Colonial Times to 1970,* series A 172, for population

Region, division, and State or other area	Population										Rank	
					1980							
	1940 (1,000)	1950 (1,000)	1960 (1,000)	1970 (1,000)	Total (1,000)	Male (1,000)	Female (1,000)	Urban		Rural	1940	1950
								Number (1,000)	Percent			
U.S	**132,165**	**151,326**	**179,323**	**203,302**	**226,546**	**110,053**	**116,493**	**167,051**	**73.7**	**59,495**	(x)	(x)
Regions:												
Northeast	35,977	39,478	44,678	49,061	49,135	23,479	25,656	38,906	79.2	10,230	(x)	(x)
Midwest	40,143	44,461	51,619	56,589	58,866	28,614	30,252	41,520	70.5	17,346	(x)	(x)
South	41,666	47,197	54,973	62,812	75,372	36,589	38,783	50,414	66.9	24,958	(x)	(x)
West	14,379	20,190	28,053	34,838	43,172	21,371	21,801	36,211	83.9	6,961	(x)	(x)
N.E	**8,437**	**9,314**	**10,509**	**11,848**	**12,348**	**5,924**	**6,425**	**9,269**	**75.1**	**3,079**	(x)	(x)
ME	847	914	969	994	1,125	546	578	534	47.5	591	35	35
NH	492	533	607	738	921	448	472	480	52.2	440	44	44
VT	359	378	390	445	511	249	262	173	33.8	339	46	46
MA	4,317	4,691	5,149	5,689	5,737	2,731	3,006	4,808	83.8	929	8	9
RI	713	792	859	950	947	451	496	824	87.0	123	36	36
CT	1,709	2,007	2,535	3,032	3,108	1,498	1,610	2,450	78.8	658	31	28
M.A	**27,539**	**30,164**	**34,168**	**37,213**	**36,787**	**17,555**	**19,232**	**29,636**	**80.6**	**7,150**	(x)	(x)
NY	13,479	14,830	16,782	18,241	17,558	8,339	9,219	14,858	84.6	2,700	1	1
NJ	4,160	4,835	6,067	7,171	7,365	3,533	3,832	6,557	89.0	807	9	8
PA	9,900	10,498	11,319	11,801	11,864	5,683	6,181	8,221	69.3	3,643	2	3
E.N.C	**26,626**	**30,399**	**36,225**	**40,262**	**41,682**	**20,242**	**21,440**	**30,534**	**73.3**	**11,148**	(x)	(x)
OH	6,908	7,947	9,706	10,657	10,798	5,217	5,580	7,918	73.3	2,879	4	5
IN	3,428	3,934	4,662	5,195	5,490	2,666	2,824	3,525	64.2	1,965	12	12
IL	7,897	8,712	10,081	11,110	11,427	5,538	5,889	9,518	83.3	1,908	3	4
MI	5,256	6,372	7,823	8,882	9,262	4,516	4,746	6,552	70.7	2,711	7	7
WI	3,138	3,435	3,952	4,418	4,706	2,305	2,400	3,021	64.2	1,685	13	14
W.N.C	**13,517**	**14,061**	**15,394**	**16,327**	**17,183**	**8,372**	**8,812**	**10,986**	**63.9**	**6,198**	(x)	(x)
MN	2,792	2,982	3,414	3,806	4,076	1,998	2,078	2,725	66.9	1,351	18	18
IA	2,538	2,621	2,758	2,825	2,914	1,416	1,497	1,708	58.6	1,206	20	22
MO	3,785	3,955	4,320	4,678	4,917	2,365	2,551	3,350	68.1	1,567	10	11
ND	642	620	632	618	653	328	324	318	48.8	334	38	41
SD	643	653	681	666	691	341	350	321	46.4	370	37	40
NE	1,316	1,326	1,411	1,485	1,570	766	804	988	62.9	582	32	33
KS	1,801	1,905	2,179	2,249	2,364	1,157	1,207	1,576	66.7	788	29	31
S.A	**17,823**	**21,182**	**25,972**	**30,678**	**36,959**	**17,878**	**19,081**	**24,813**	**67.1**	**12,146**	(x)	(x)
DE	267	318	446	548	594	287	308	420	70.6	175	47	47
MD	1,821	2,343	3,101	3,924	4,217	2,043	2,174	3,387	80.3	830	28	24
DC	663	802	764	757	638	295	343	638	100.0	–	(x)	(x)
VA	2,678	3,319	3,967	4,651	5,347	2,618	2,729	3,529	66.0	1,817	19	15
WV	1,902	2,006	1,860	1,744	1,950	945	1,004	705	36.2	1,244	25	29
NC	3,572	4,062	4,556	5,084	5,882	2,855	3,026	2,823	48.0	3,059	11	10
SC	1,900	2,117	2,383	2,591	3,122	1,518	1,604	1,689	54.1	1,433	26	27
GA	3,124	3,445	3,943	4,588	5,463	2,640	2,823	3,409	62.4	2,054	14	13
FL	1,897	2,771	4,952	6,791	9,746	4,676	5,071	8,212	84.3	1,534	27	20
E.S.C	**10,778**	**11,477**	**12,050**	**12,808**	**14,666**	**7,091**	**7,575**	**8,166**	**55.7**	**6,500**	(x)	(x)
KY	2,846	2,945	3,038	3,221	3,661	1,789	1,872	1,862	50.9	1,799	16	19
TN	2,916	3,292	3,567	3,926	4,591	2,217	2,375	2,774	60.4	1,818	15	16
AL	2,833	3,062	3,267	3,444	3,894	1,872	2,022	2,336	60.0	1,556	17	17
MS	2,184	2,179	2,178	2,217	2,521	1,214	1,307	1,193	47.3	1,328	23	26
W.S.C	**13,065**	**14,538**	**16,951**	**19,326**	**23,747**	**11,620**	**12,127**	**17,435**	**73.4**	**6,312**	(x)	(x)
AR	1,949	1,910	1,786	1,923	2,286	1,105	1,182	1,180	51.6	1,107	24	30
LA	2,364	2,684	3,257	3,645	4,206	2,040	2,166	2,887	68.6	1,319	21	21
OK	2,336	2,233	2,328	2,559	3,025	1,477	1,549	2,035	67.3	990	22	25
TX	6,415	7,711	9,580	11,199	14,229	6,999	7,230	11,333	79.6	2,896	6	6
Mt	**4,150**	**5,075**	**6,855**	**8,289**	**11,373**	**5,648**	**5,724**	**8,685**	**76.4**	**2,687**	(x)	(x)
MT	559	591	675	694	787	393	394	416	52.9	370	39	42
ID	525	589	667	713	944	471	473	510	54.0	434	42	43
WY	251	291	330	332	470	241	229	295	62.7	175	48	48
CO	1,123	1,325	1,754	2,210	2,890	1,434	1,456	2,330	80.6	560	33	34
NM	532	681	951	1,017	1,303	642	661	940	72.1	363	41	39
AZ	499	750	1,302	1,775	2,718	1,338	1,380	2,279	83.8	439	43	37
UT	550	689	891	1,059	1,461	725	737	1,233	84.4	228	40	38
NV	110	160	285	489	800	405	395	683	85.3	118	49	49
Pac	**10,229**	**15,115**	**21,198**	**26,549**	**31,800**	**15,723**	**16,077**	**27,526**	**86.6**	**4,274**	(x)	(x)
WA	1,736	2,379	2,853	3,413	4,132	2,052	2,080	3,037	73.5	1,095	30	23
OR	1,090	1,521	1,769	2,092	2,633	1,297	1,337	1,788	67.9	845	34	32
CA	6,907	10,586	15,717	19,971	23,668	11,666	12,001	21,608	91.3	2,060	5	2
AK	[1]73	129	226	303	402	213	189	259	64.3	143	50	50
HI	423	500	633	770	965	495	470	835	86.5	130	45	45
PR	1,869	2,211	2,350	2,712	3,197	1,557	1,640	2,134	66.8	1,062	(x)	(x)

– Represents zero. X Not applicable. Z Less than .05 percent.

[1] For U.S., population of U.S. has been divided by total land area. For each State and Puerto Rico, population at given census has been divided by land area as then constituted.

BY SEX AND RESIDENCE, 1980—STATES AND PUERTO RICO

figures of States, see table 338. Minus sign (–) indicates decrease. For composition of regions, see fig. I, inside front cover by regions, and A 195–198 and A 202–203 for population, sex, density, and residence by States]

RANK			PERCENT CHANGE					POPULATION PER SQ. MILE OF LAND AREA[1]					REGION, DIVISION, AND STATE OR OTHER AREA
1960	1970	1980	1930–1940	1940–1950	1950–1960	1960–1970	1970–1980	1940	1950	1960	1970	1980	
(x)	(x)	(x)	**7.3**	**14.5**	**18.5**	**13.4**	**11.4**	**37.2**	**42.6**	**50.6**	[2]**57.4**	**64.0**	**U.S.**
													Regions:
(x)	(x)	(x)	4.5	9.7	13.2	9.8	.2	219.8	241.2	273.4	300.4	301.9	Northeast.
(x)	(x)	(x)	4.0	10.8	16.1	9.6	4.0	53.1	58.8	68.6	75.2	78.3	Midwest.
(x)	(x)	(x)	10.1	13.3	16.5	14.3	20.0	47.4	53.7	62.8	71.9	86.3	South.
(x)	(x)	(x)	16.7	40.4	38.9	24.2	23.9	8.2	11.5	16.0	19.9	24.6	West.
(x)	(x)	(x)	**3.3**	**10.4**	**12.8**	**12.7**	**4.2**	**133.5**	**147.5**	**166.8**	**188.1**	**196.0**	**N.E.**
36	38	38	6.2	7.9	6.1	2.6	13.2	27.3	29.4	31.3	32.1	36.3	ME
45	41	42	5.6	8.5	13.8	21.6	24.8	54.5	59.1	67.2	81.7	102.4	NH
47	48	48	–.1	5.2	3.2	14.1	15.0	38.7	40.7	42.0	47.9	55.2	VT
9	10	11	1.6	8.7	9.8	10.5	.8	545.9	596.2	657.3	727.0	733.3	MA
39	39	40	3.8	11.0	8.5	10.6	–.3	674.2	748.5	819.3	902.5	897.8	RI
25	24	25	6.4	17.4	26.3	19.6	2.5	348.9	409.7	520.6	623.6	637.8	CT
(x)	(x)	(x)	**4.9**	**9.5**	**13.3**	**8.9**	**– 1.1**	**274.0**	**300.1**	**340.2**	**370.8**	**368.9**	**M.A.**
1	2	2	7.1	10.0	13.2	8.7	– 3.7	281.2	309.3	350.6	381.3	370.6	NY
8	8	9	2.9	16.2	25.5	18.2	2.7	553.1	642.8	805.5	953.1	986.2	NJ
3	3	4	2.8	6.0	7.8	4.3	.5	219.8	233.1	251.4	262.3	264.3	PA
(x)	(x)	(x)	**5.3**	**14.2**	**19.2**	**11.1**	**3.5**	**108.7**	**124.1**	**148.2**	**164.9**	**170.8**	**E.N.C.**
5	6	6	3.9	15.0	22.1	9.8	1.3	168.0	193.8	236.6	260.0	263.3	OH
11	11	12	5.8	14.8	18.5	11.4	5.7	94.7	108.7	128.8	143.9	152.8	IN
4	5	5	3.5	10.3	15.7	10.2	2.8	141.2	155.8	180.4	199.4	205.3	IL
7	7	8	8.5	21.2	22.8	13.5	4.3	92.2	111.7	137.7	156.2	162.6	MI
15	16	16	6.8	9.5	15.1	11.8	6.5	57.3	62.8	72.6	81.1	86.5	WI
(x)	(x)	(x)	**1.7**	**4.0**	**9.5**	**6.1**	**5.2**	**26.5**	**27.5**	**30.3**	**32.1**	**33.8**	**W.N.C.**
18	19	21	8.9	6.8	14.5	11.5	7.1	34.9	37.3	43.1	48.0	51.2	MN
24	25	27	2.7	3.3	5.2	2.4	3.1	45.3	46.8	49.2	50.5	52.1	IA
13	13	15	4.3	4.5	9.2	8.3	5.1	54.6	57.1	62.6	67.8	71.3	MO
44	45	46	–5.7	–3.5	2.1	–2.2	5.7	9.2	8.8	9.1	8.9	9.4	ND
40	44	45	–7.2	1.5	4.3	–2.2	3.7	8.4	8.5	9.0	8.8	9.1	SD
34	35	35	–4.5	.7	6.5	5.2	5.7	17.2	17.3	18.4	19.4	20.5	NE
28	28	32	–4.3	5.8	14.3	3.2	5.1	21.9	23.2	26.6	27.5	28.9	KS
(x)	(x)	(x)	**12.9**	**18.8**	**22.6**	**18.1**	**20.5**	**66.4**	**79.0**	**97.1**	**114.9**	**138.4**	**S.A.**
46	46	47	11.8	19.4	40.3	22.9	8.4	134.7	160.8	225.2	276.5	307.6	DE
21	18	18	11.6	28.6	32.3	26.5	7.5	184.2	237.1	313.5	396.6	428.7	MD
(x)	(x)	(x)	36.2	21.0	–4.8	–.9	–15.6	10,870	13,151	12,524	12,402	10,132	DC
14	14	14	10.6	23.9	19.5	17.2	14.9	67.1	83.2	99.6	116.9	134.7	VA
30	34	34	10.0	5.4	–7.2	–6.2	11.8	79.0	83.3	77.2	72.5	80.8	WV
12	12	10	12.7	13.7	12.2	11.6	15.7	72.7	82.7	93.2	104.1	120.4	NC
26	26	24	9.3	11.4	12.5	8.7	20.5	62.1	69.9	78.7	85.7	103.4	SC
16	15	13	7.4	10.3	14.5	16.4	19.1	53.4	58.9	67.8	79.0	94.1	GA
10	9	7	29.2	46.1	78.7	37.1	43.5	35.0	51.1	91.5	125.5	180.0	FL
(x)	(x)	(x)	**9.0**	**6.5**	**5.0**	**6.3**	**14.5**	**59.7**	**63.8**	**67.2**	**71.5**	**82.0**	**E.S.C.**
22	23	23	8.8	3.5	3.2	6.0	13.7	70.9	73.9	76.2	81.2	92.3	KY
17	17	17	11.4	12.9	8.4	10.1	16.9	69.5	78.8	86.2	94.9	111.6	TN
19	21	22	7.1	8.1	6.7	5.4	13.1	55.5	59.9	64.2	67.9	76.7	AL
29	29	31	8.7	–.2	(–z)	1.8	13.7	46.1	46.1	46.0	46.9	53.4	MS
(x)	(x)	(x)	**7.3**	**11.3**	**16.6**	**14.0**	**22.9**	**30.3**	**33.8**	**39.5**	**45.2**	**55.6**	**W.S.C.**
31	32	33	5.1	–2.0	–6.5	7.7	18.9	37.0	36.3	34.2	37.0	43.9	AR
20	20	19	12.5	13.5	21.4	11.9	15.4	52.3	59.4	72.2	81.0	94.5	LA
27	27	26	–2.5	–4.4	4.3	9.9	18.2	33.7	32.4	33.8	37.2	44.1	OK
6	4	3	10.1	20.2	24.2	16.9	27.1	24.3	29.3	36.4	42.7	54.3	TX
(x)	(x)	(x)	**12.1**	**22.3**	**35.1**	**20.9**	**37.2**	**4.8**	**5.9**	**8.0**	**9.7**	**13.3**	**Mt.**
41	43	44	4.1	5.6	14.2	2.8	13.3	3.8	4.1	4.6	4.8	5.4	MT
42	42	41	17.9	12.1	13.3	6.9	32.4	6.3	7.1	8.1	8.6	11.5	ID
48	49	49	11.2	15.9	13.6	.6	41.3	2.6	3.0	3.4	3.4	4.8	WY
33	30	28	8.4	18.0	32.4	26.0	30.8	10.8	12.8	16.9	21.3	27.9	CO
37	37	37	25.6	28.1	39.6	6.9	28.1	4.4	5.6	7.8	8.4	10.7	NM
35	33	29	14.6	50.1	73.7	36.3	53.1	4.4	6.6	11.5	15.6	23.9	AZ
38	36	36	8.4	25.2	29.3	18.9	37.9	6.7	8.4	10.8	12.9	17.8	UT
49	47	43	21.1	45.2	78.2	71.6	63.8	1.0	1.5	2.6	4.4	7.3	NV
(x)	(x)	(x)	**18.7**	**47.8**	**40.2**	**25.2**	**19.8**	**11.4**	**16.8**	**23.8**	[2]**29.7**	**35.5**	**Pac.**
23	22	20	11.1	37.0	19.9	19.6	21.1	25.9	35.6	42.8	51.2	62.1	WA
32	31	30	14.2	39.6	16.3	18.3	25.9	11.3	15.8	18.4	21.7	27.4	OR
2	1	1	21.7	53.3	48.5	27.1	18.5	44.1	67.5	100.4	127.6	151.4	CA
50	50	50	22.3	77.4	75.8	34.1	32.8	[3].1	.2	.4	[2].5	.7	AK
43	40	39	14.8	18.2	26.2	21.6	25.3	66.0	78.0	98.5	119.6	150.1	HI
(x)	(x)	(x)	21.1	18.3	6.3	15.4	17.9	546.1	645.8	686.4	792.8	924.1	PR

[2] Land area for Alaska corrected after 1970 final reports were issued. [3] As of Oct. 1, 1939.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; and *1980 Census of Population*, vol. 1, chapter A (PC80-1-A) and chapter B (PC80-1-B).

NO. 13. COMPONENTS OF POPULATION CHANGE—STATES: 1970–1980 AND 1980–1983

[**In thousands, except percent.** Total resident population. For composition of regions, see fig. I, inside front cover. For explanation of methodology, see source. Minus sign (–) indicates decrease or net outmigration. See also *Historical Statistics, Colonial Times to 1970*, series C 25–75]

REGION, DIVISION, AND STATE	APRIL 1, 1970 TO APRIL 1, 1980						APRIL 1, 1980 TO JULY 1, 1983				
	Net change		Births	Deaths	Net total migration [2]	Error of closure [3]	Net change		Births	Deaths	Net total migration [2]
	Number	Percent [1]					Number	Percent [1]			
United States	**23,244**	**11.4**	**33,244**	**19,279**	**4,516**	**4,763**	**7,435**	**3.3**	**11,850**	**6,463**	**2,048**
Regions:											
Northeast	75	.2	6,661	4,750	–2,888	1,052	383	.8	2,162	1,524	–255
Midwest	2,275	4.0	9,032	5,308	–2,703	1,255	88	.1	3,047	1,695	–1,265
South	12,559	20.0	11,221	6,210	5,992	1,557	4,167	5.5	4,062	2,168	2,272
West	8,334	23.9	6,330	3,010	4,115	899	2,797	6.5	2,578	1,076	1,295
New England	**501**	**4.2**	**1,607**	**1,128**	**–241**	**265**	**141**	**1.1**	**534**	**365**	**–28**
Maine	131	13.2	161	106	52	24	21	1.9	54	34	1
New Hampshire	183	24.8	122	74	117	19	38	4.1	45	25	18
Vermont	67	15.0	72	43	27	11	14	2.7	26	15	3
Massachusetts	48	.8	737	550	–263	124	29	.5	242	175	–38
Rhode Island	–3	–.3	123	92	–53	20	8	.9	40	30	–2
Connecticut	75	2.5	391	262	–121	67	30	1.0	127	86	–11
Middle Atlantic	**–426**	**–1.1**	**5,055**	**3,622**	**–2,647**	**787**	**243**	**.7**	**1,628**	**1,159**	**–226**
New York	–683	–3.7	2,481	1,722	–1,820	378	109	.6	789	544	–136
New Jersey	194	2.7	981	670	–275	157	103	1.4	316	222	8
Pennsylvania	63	.5	1,593	1,230	–551	252	31	.3	522	393	–98
East North Central	**1,419**	**3.5**	**6,454**	**3,702**	**–2,220**	**887**	**–151**	**–.4**	**2,121**	**1,180**	**–1,092**
Ohio	140	1.3	1,676	987	–779	230	–52	–.5	541	314	–278
Indiana	295	5.7	865	480	–206	116	–11	–.2	277	154	–134
Illinois	316	2.8	1,790	1,066	–649	241	60	.5	603	332	–212
Michigan	380	4.3	1,441	763	–496	198	–193	–2.1	457	248	–403
Wisconsin	288	6.5	682	406	–90	102	45	1.0	242	133	–64
West North Central	**856**	**5.2**	**2,579**	**1,607**	**–484**	**368**	**239**	**1.4**	**926**	**514**	**–173**
Minnesota	270	7.1	595	332	–80	88	68	1.7	223	109	–46
Iowa	88	3.1	432	284	–122	62	–9	–.3	148	88	–70
Missouri	239	5.1	728	502	–92	104	54	1.1	251	159	–38
North Dakota	35	5.7	107	56	–31	14	28	4.3	40	18	5
South Dakota	25	3.7	117	66	–41	15	9	1.3	42	21	–12
Nebraska	84	5.7	246	148	–47	34	27	1.7	88	48	–13
Kansas	115	5.1	354	220	–71	51	62	2.6	133	71	-
South Atlantic	**6,280**	**20.5**	**5,149**	**3,071**	**3,440**	**762**	**1,846**	**5.0**	**1,804**	**1,089**	**1,132**
Delaware	46	8.4	88	49	–6	12	12	1.9	28	15	–2
Maryland	293	7.5	568	329	–36	90	87	2.1	202	112	–3
District of Columbia	–118	–15.6	109	77	–164	14	–15	–2.4	30	22	–24
Virginia	695	14.9	748	404	239	112	203	3.8	260	138	81
West Virginia	205	11.8	290	197	71	40	15	.8	91	62	–13
North Carolina	797	15.7	863	466	278	121	200	3.4	276	160	83
South Carolina	531	20.5	498	240	210	63	142	4.5	167	83	58
Georgia	875	19.1	862	427	329	111	269	4.9	295	145	120
Florida	2,955	43.5	1,121	883	2,519	198	933	9.6	455	353	831
East South Central	**1,858**	**14.5**	**2,301**	**1,302**	**556**	**303**	**280**	**1.9**	**756**	**432**	**–44**
Kentucky	440	13.7	568	334	131	75	54	1.5	187	109	–24
Tennessee	665	16.9	664	391	297	95	94	2.1	218	131	8
Alabama	450	13.1	615	344	97	81	65	1.7	200	115	–19
Mississippi	304	13.7	454	233	31	52	67	2.6	151	76	–8
West South Central	**4,421**	**22.9**	**3,772**	**1,838**	**1,995**	**492**	**2,041**	**8.6**	**1,503**	**647**	**1,184**
Arkansas	363	18.9	349	217	184	47	42	1.8	117	74	–2
Louisiana	561	15.4	717	344	100	88	232	5.5	271	117	78
Oklahoma	466	18.2	445	272	230	63	273	9.0	181	95	186
Texas	3,031	27.1	2,261	1,005	1,481	294	1,494	10.5	934	361	922
Mountain	**3,083**	**37.2**	**1,837**	**718**	**1,730**	**236**	**958**	**8.4**	**755**	**266**	**469**
Montana	92	13.3	126	67	16	17	30	3.8	47	22	5
Idaho	231	32.4	166	65	110	20	45	4.8	64	23	4
Wyoming	137	41.3	73	31	85	10	45	9.5	35	10	20
Colorado	680	30.8	415	181	385	61	249	8.6	172	64	141
New Mexico	286	28.1	224	81	116	27	96	7.4	88	29	38
Arizona	943	53.1	405	173	656	55	245	9.0	168	71	147
Utah	402	37.9	329	75	119	30	158	10.8	135	27	50
Nevada	312	63.8	99	46	243	16	91	11.3	46	20	65
Pacific	**5,251**	**19.8**	**4,493**	**2,292**	**2,385**	**664**	**1,839**	**5.8**	**1,824**	**811**	**826**
Washington	719	21.1	548	303	388	86	168	4.1	225	105	49
Oregon	542	25.9	351	205	341	55	29	1.1	137	71	–37
California	3,697	18.5	3,354	1,725	1,573	495	1,506	6.4	1,369	612	750
Alaska	99	32.8	78	15	28	9	77	19.2	33	6	50
Hawaii	195	25.3	163	43	55	20	59	6.1	60	16	15

– Represents zero or rounds to zero. [1] 1970 to 1980 based on 1970 population; 1980 to 1983 based on 1980 population. [2] Comprises net immigration from abroad, net interregional, interdivisional, or interstate migration, and movement of persons in the Armed Forces. [3] For meaning of "error of closure;" see text p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 944, and unpublished data.

NO. 14. POPULATION PROJECTIONS—STATES: 1980 TO 2000

[**1980**, as of **April 1**; **1990** and **2000** as of **July 1**. These provisional data are based on preliminary 1980 census data. Percent changes cover interval beginning and ending on July 1. See text, p. 2 for explanation of methodology. For composition of regions, see fig. I, inside front cover. Minus sign (−) indicates decrease]

REGION, DIVISION, AND STATE	RESIDENT POPULATION (1,000)			PERCENT CHANGE	
	1980	1990	2000	1980–1990	1990–2000
U.S	**226,505**	**249,203**	**267,462**	**9.7**	**7.3**
Regions:					
Northeast	49,137	48,423	46,401	−1.7	−4.2
Midwest	58,854	60,265	59,714	2.1	−.9
South	75,349	87,594	98,828	15.9	12.8
West	43,165	52,920	62,519	22.2	18.1
N. Eng	**12,348**	**12,733**	**12,775**	**2.9**	**.3**
ME	1,125	1,229	1,308	9.1	6.4
NH	921	1,139	1,364	23.4	19.7
VT	512	575	625	12.0	8.8
MA	5,737	5,704	5,490	−.8	−3.7
RI	947	951	926	.2	−2.6
CT	3,108	3,136	3,062	.7	−2.3
Mid. Atl	**36,788**	**35,690**	**33,625**	**−3.2**	**−5.8**
NY	17,557	16,457	14,990	−6.5	−8.9
NJ	7,364	7,513	7,428	1.8	−1.1
PA	11,867	11,720	11,208	−1.4	−4.4
E. No. Cent	**41,670**	**42,372**	**41,647**	**1.4**	**−1.7**
OH	10,797	10,763	10,357	−.6	−3.8
IN	5,490	5,679	5,679	3.1	–
IL	11,418	11,502	11,188	.5	−2.7
MI	9,258	9,394	9,208	1.2	−2.0
WI	4,705	5,033	5,216	6.7	3.6
W. No. Cent	**17,184**	**17,894**	**18,067**	**3.9**	**1.0**
MN	4,077	4,353	4,489	6.5	3.1
IA	2,913	2,983	2,972	2.1	−.4
MO	4,917	5,077	5,080	3.0	.1
ND	653	678	682	3.6	.5
SD	690	698	688	.9	−1.6
NE	1,570	1,640	1,662	4.2	1.4
KS	2,363	2,463	2,494	4.0	1.3
So. Atl	**36,943**	**43,144**	**48,975**	**16.5**	**13.5**
S. Atl.—Con.					
DE	595	630	638	5.5	1.3
MD	4,216	4,491	4,582	6.2	2.0
DC	638	502	376	−21.4	−24.9
VA	5,346	5,961	6,389	11.2	7.2
WV	1,950	2,037	2,068	4.2	1.5
NC	5,874	6,473	6,868	9.9	6.1
SC	3,119	3,560	3,907	13.6	9.8
GA	5,464	6,175	6,708	12.6	8.6
FL	9,740	13,316	17,438	36.6	31.0
E. So. Cen	**14,663**	**16,121**	**17,174**	**9.6**	**6.5**
KY	3,661	4,074	4,400	10.9	8.1
TN	4,591	5,073	5,420	10.2	6.8
AL	3,890	4,214	4,415	8.0	4.8
MS	2,521	2,761	2,939	9.2	6.4
W. So. Cent	**23,743**	**28,328**	**32,679**	**18.9**	**15.4**
AR	2,286	2,580	2,835	12.6	9.9
LA	4,204	4,747	5,160	12.5	8.7
OK	3,025	3,503	3,944	15.5	12.6
TX	14,228	17,498	20,739	22.5	18.5
Mt	**11,368**	**15,404**	**20,140**	**35.0**	**30.7**
MT	787	888	963	12.6	8.4
ID	944	1,214	1,512	28.0	24.6
WY	471	701	1,002	48.3	42.9
CO	2,889	3,755	4,657	29.5	24.0
NM	1,300	1,536	1,727	17.7	12.5
AZ	2,718	3,994	5,582	46.5	39.8
UT	1,461	2,040	2,777	38.7	36.1
NV	799	1,275	1,919	59.1	50.4
Pac	**31,797**	**37,516**	**42,379**	**17.6**	**13.0**
WA	4,130	5,012	5,832	21.0	16.4
OR	2,633	3,319	4,025	25.7	21.3
CA	23,669	27,526	30,613	16.0	11.2
AK	400	522	631	29.7	20.8
HI	965	1,138	1,278	17.5	12.3

– Represents zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 937.

NO. 15. INMIGRANTS, OUTMIGRANTS AND NET MIGRATION BETWEEN 1975 AND 1980, BY REGION AND DIVISION

[**In thousands.** As of **April 1, 1980.** Covers resident population, 5 years old and over. Based on a sample, see Appendix III. For composition of regions and divisions, see fig. I, inside front cover. Minus sign (−) indicates net outmigration]

REGION AND DIVISION	INMIGRANTS					OUTMIGRANTS					Net migration
	Total	By region of origin				Total	By region of destination				
		Northeast	Midwest	South	West		Northeast	Midwest	South	West	
Northeast [1]	**1,275**	(x)	**360**	**654**	**261**	**3,059**	(x)	**465**	**1,817**	**777**	**−1,785**
New England	699	313	109	183	94	897	193	111	381	212	−198
Middle Atlantic	1,082	193	250	471	167	2,668	313	354	1,436	565	−1,587
Midwest [1]	**2,125**	**465**	(x)	**1,029**	**630**	**3,505**	**360**	(x)	**1,878**	**1,267**	**−1,380**
East North Central	1,629	359	254	707	309	2,812	287	319	1,407	798	−1,182
West North Central	1,069	106	319	322	321	1,267	73	254	470	470	−198
South [1]	**4,738**	**1,817**	**1,878**	(x)	**1,044**	**2,752**	**654**	**1,029**	(x)	**1,069**	**1,986**
South Atlantic	3,262	1,443	902	527	390	2,240	519	501	721	499	1,022
East South Central	1,096	112	361	510	113	925	54	246	497	127	171
West South Central	1,954	261	615	537	541	1,161	81	282	355	443	794
West [1]	**3,114**	**777**	**1,267**	**1,069**	(x)	**1,935**	**261**	**630**	**1,044**	(x)	**1,179**
Mountain	1,814	260	575	390	589	1,137	74	247	349	468	677
Pacific	2,357	518	693	679	468	1,856	188	384	695	589	502

X Not applicable. [1] Excludes intraregional migrants.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report*, PC80-S1-9.

No. 16. Mobility of the Resident Population by State: 1980

[As of **April 1.** Based on a sample; see Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Persons 5 years old and over,[1] 1980 (1,000)	Percent distribution—residence in 1975: Same house as in 1980	Different house, same county	Different county, same State	Different county, different State
U.S	**210,323**	**53.6**	**25.1**	**9.8**	**9.7**
Northeast	46,052	61.7	22.3	8.0	6.1
Midwest	54,513	55.4	26.4	10.2	7.0
South	69,880	52.4	24.1	10.0	12.0
West	39,879	43.8	28.3	11.0	13.4
New England	**11,594**	**59.1**	**23.4**	**6.7**	**9.2**
Maine	1,047	56.9	24.0	7.5	10.8
New Hampshire	857	51.6	22.8	6.2	18.5
Vermont	476	54.4	23.9	6.5	14.3
Massachusetts	5,398	61.0	22.7	7.6	7.0
Rhode Island	891	60.5	23.9	5.0	8.7
Connecticut	2,925	59.0	24.4	5.5	9.3
Middle Atlantic	**34,458**	**62.6**	**21.9**	**8.4**	**5.0**
New York	16,432	61.5	22.6	9.3	3.8
New Jersey	6,904	61.5	20.0	8.6	7.8
Pennsylvania	11,122	65.0	22.0	7.1	5.2
E.N.C	**38,623**	**56.0**	**27.4**	**9.6**	**6.0**
Ohio	10,015	56.7	27.9	9.0	5.7
Indiana	5,074	54.8	27.5	9.6	7.6
Illinois	10,593	55.5	28.5	8.1	6.1
Michigan	8,582	56.4	26.2	11.3	5.1
Wisconsin	4,360	56.2	25.5	11.0	6.7
W.N.C	**15,890**	**53.9**	**24.0**	**11.8**	**9.4**
Minnesota	3,770	55.6	22.8	13.3	7.3
Iowa	2,693	55.6	25.0	10.9	7.9
Missouri	4,564	54.0	24.1	11.8	9.4
North Dakota	598	51.7	23.1	11.4	12.7
South Dakota	633	52.9	23.2	12.1	11.1
Nebraska	1,448	53.1	24.4	11.0	10.5
Kansas	2,184	50.2	25.1	10.7	12.6
South Atlantic	**34,498**	**52.7**	**22.4**	**9.7**	**13.6**
Delaware	555	57.0	26.3	2.0	13.3
South Atlantic—Con.					
Maryland	3,947	55.5	21.9	10.3	10.4
District of Columbia	603	58.2	22.7	(x)	16.3
Virginia	4,991	51.0	17.9	15.0	13.9
West Virginia	1,806	60.9	23.4	6.6	8.6
North Carolina	5,478	56.9	23.5	8.9	9.8
South Carolina	2,884	57.5	22.3	7.7	11.5
Georgia	5,052	52.5	22.8	12.2	11.5
Florida	9,183	46.2	23.7	7.8	19.6
E.S.C	**13,556**	**56.0**	**25.9**	**7.9**	**9.5**
Kentucky	3,379	54.4	27.2	8.6	9.0
Tennessee	4,269	54.2	27.1	7.4	10.6
Alabama	3,601	57.6	25.3	7.4	8.9
Mississippi	2,307	59.0	22.5	8.6	9.2
W.S.C	**21,826**	**49.6**	**25.6**	**11.8**	**11.0**
Arkansas	2,113	53.1	24.8	9.1	12.4
Louisiana	3,847	57.0	24.3	9.2	8.4
Oklahoma	2,793	47.6	24.9	12.3	13.7
Texas	13,074	47.3	26.2	12.9	11.0
Mountain	**10,386**	**42.7**	**25.1**	**9.1**	**21.1**
Montana	722	47.3	24.5	12.3	15.0
Idaho	852	44.4	24.7	9.5	20.0
Wyoming	425	38.4	23.6	8.6	28.3
Colorado	2,676	39.8	22.7	14.8	20.6
New Mexico	1,188	50.3	23.2	7.2	17.4
Arizona	2,506	41.9	27.1	5.0	23.9
Utah	1,272	45.8	27.8	8.4	16.0
Nevada	745	34.8	27.4	3.6	31.5
Pacific	**29,493**	**44.2**	**29.4**	**11.6**	**10.7**
Washington	3,825	43.7	27.7	10.1	16.2
Oregon	2,437	41.4	26.6	13.4	16.9
California	21,980	44.6	30.2	12.1	8.5
Alaska	363	32.2	27.6	8.7	29.1
Hawaii	888	49.3	25.2	2.8	16.9

X Not applicable. [1] Includes persons residing abroad in 1975.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report*, PC80-S1-9.

No. 17. Mobility Status of the Population, by Selected Characteristics: 1981–1982

[**For persons 1 year old and over.** Based on Current Population Survey; see source for sampling variability. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See also text, p. 4. Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census publications; see Appendix II. For composition of regions, see fig. I, inside front cover]

Characteristic	Total (1,000)	Percent distribution: Nonmovers (same house in 1981)	Movers (different house in U.S., 1981): Total	Within same SMSA	Between SMSA's	From outside SMSA's to SMSA's	From SMSA's to outside SMSA's	Outside SMSA's at both dates	Movers from abroad
Total	**223,719**	**83.0**	**16.6**	**8.0**	**2.3**	**1.0**	**1.1**	**4.2**	**.5**
1–4 years	13,553	74.3	25.1	11.9	3.2	1.3	1.8	7.0	.6
5–19 years	53,563	84.3	15.3	7.0	2.0	.9	.9	4.5	.5
20–24 years	21,078	63.6	35.5	16.8	5.0	2.5	2.3	9.0	.9
25–29 years	20,192	69.0	30.0	15.2	4.6	1.8	1.9	6.5	.9
30–34 years	18,511	79.2	20.1	10.3	3.3	1.2	1.2	4.2	.7
35–44 years	27,400	86.8	12.7	6.1	1.8	.7	.8	3.3	.4
45–64 years	44,191	92.2	7.6	3.7	1.1	.4	.5	1.9	.2
65 years and over	25,231	94.6	5.3	2.4	.7	.3	.4	1.6	.1
Northeast	48,318	88.4	11.1	6.4	1.9	.4	.6	1.9	.5
Midwest	57,202	84.5	15.3	7.7	1.5	.8	.9	4.4	.2
South	74,897	81.3	18.2	7.3	2.4	1.4	1.4	5.7	.5
West	43,302	77.7	21.5	11.3	3.8	1.3	1.1	4.0	.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 384.

NO. 18. METROPOLITAN AND NONMETROPOLITAN AREA POPULATION: 1940 TO 1983

[Metropolitan area definition as of year shown, except as noted. See headnote, table 19]

ITEM	1940 [1]	1950	1960	1970	1980 [2] (SMSA's)	1980 [3] (MSA's and CMSA's)	1983 [3] (MSA's and CMSA's)
Metropolitan areas: Number of areas	169	169	212	243	318	277	277
Population (1,000)	69,535	84,854	112,885	139,480	169,431	171,956	177,927
Percent change over previous year shown	(x)	22.0	33.0	23.6	21.5	(x)	3.5
Percent of total U.S. population	52.6	56.1	63.0	68.6	74.8	75.9	76.0
Land area, percent of U.S. land area	5.9	5.9	8.7	10.9	16.0	16.0	16.0
Nonmetropolitan areas, population (1,000)	62,630	66,472	66,438	63,822	57,115	54,590	56,053

X Not applicable. [1] 1950 metropolitan area definition. [2] See footnote 1, table 19. [3] See footnote 2, table 19.

NO. 19. NUMBER AND POPULATION OF METROPOLITAN AREAS, BY POPULATION SIZE-CLASS: 1970 TO 1983

[As of **April 1; except 1983** as of **July 1.** Data exclude Puerto Rico. For definitions, see Appendix II. See also *Historical Statistics, Colonial Times to 1970,* series A 264-275]

LEVEL AND POPULATION SIZE-CLASS OF METROPOLITAN AREA	Number, 1980	Population, 1970 (mil.)	POPULATION, 1980		Number, 1983	Population, 1970 (mil.)	Population, 1980 (mil.)	POPULATION, 1983	
			Total (mil.)	Percent in each class				Total (mil.)	Percent in each class
	SCSA's and other SMSA's [1]				CMSA's and MSA's [2]				
Total, all metropolitan areas	**286**	**153.7**	**169.4**	**100.0**	**277**	**155.5**	**172.0**	**177.9**	**100.0**
Level A (1,000,000 or more)	34	96.4	103.3	61.0	37	101.6	109.7	113.3	63.7
2,500,000 or more	12	65.5	68.9	40.7	12	67.6	71.5	73.6	41.4
1,000,000-2,499,999	22	30.9	34.4	20.3	25	34.0	38.2	39.7	22.3
Level B (250,000-999,999)	94	38.3	43.9	25.9	91	36.6	41.9	43.4	24.4
500,000-999,999	32	19.5	22.3	13.2	34	19.9	22.9	23.8	13.4
250,000-499,999	62	18.8	21.6	12.7	57	16.7	19.1	19.7	11.0
Level C (100,000-249,999)	130	16.9	19.8	11.7	127	15.6	18.5	19.3	10.8
Level D (less than 100,000)	28	2.1	2.4	1.4	22	1.7	1.8	1.9	1.1
	318 SMSA's [1]				MSA's and PMSA's [2]				
Total, all metropolitan areas	**318**	**153.7**	**169.4**	**100.0**	**330**	**155.5**	**172.0**	**177.9**	**100.0**
Level A (1,000,000 or more)	38	86.6	92.9	54.8	44	88.1	94.9	98.2	55.2
2,500,000 or more	11	49.1	50.3	29.7	9	42.0	42.4	43.3	24.4
1,000,000-2,499,999	27	37.4	42.5	25.1	35	46.1	52.4	54.9	30.8
Level B (250,000-999,999)	112	46.5	52.6	31.1	117	47.2	53.4	55.2	31.0
500,000-999,999	41	25.1	28.1	16.6	44	26.0	29.3	30.4	17.1
250,000-499,999	71	21.4	24.6	14.5	73	21.2	24.1	24.8	13.9
Level C (100,000-249,999)	140	18.5	21.6	12.7	145	18.4	21.7	22.5	12.7
Level D (less than 100,000)	28	2.1	2.4	1.4	24	1.8	2.0	2.0	1.1

[1] SCSA-standard consolidated statistical area. SMSA-standard metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1981. [2] CMSA-consolidated metropolitan statistical area. MSA-metropolitan statistical area. PMSA-primary metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1984.

NO. 20. POPULATION BY METROPOLITAN-NONMETROPOLITAN RESIDENCE, 1970 AND 1980, AND BY RACE AND SPANISH ORIGIN, 1980

[As of **April.** Covers MSA's (metropolitan statistical areas) as defined by U.S. Office of Management and Budget, June 30, 1984. See also *Historical Statistics, Colonial Times to 1970,* series A 276-287]

RACE AND SPANISH ORIGIN	NUMBER (mil.)					PERCENT DISTRIBUTION				
	Total	Inside MSA's			Outside MSA's	Total	Inside MSA's			Outside MSA's
		Total	Central cities	Outside central cities			Total	Central cities	Outside central cities	
1970, total [1]	**203.3**	**155.5**	**72.0**	**83.5**	**47.8**	**100.0**	**76.5**	**35.4**	**41.1**	**23.5**
1980, total	**226.5**	**172.0**	**72.5**	**99.4**	**54.6**	**100.0**	**75.9**	**32.0**	**43.9**	**24.1**
White	188.4	140.3	50.9	89.4	48.1	100.0	74.5	27.0	47.5	25.5
Black	26.5	21.7	15.8	5.9	4.8	100.0	82.0	59.7	22.3	18.0
American Indian, Eskimo, Aleut	1.4	.7	.3	.4	.7	100.0	48.4	22.4	26.1	51.6
Asian and Pacific Islander	3.5	3.2	1.7	1.5	.3	100.0	91.7	48.1	43.6	8.3
Other	6.8	6.0	3.8	2.2	.8	100.0	89.0	56.9	32.2	11.0
Spanish origin [2]	14.6	12.9	7.8	5.1	1.7	100.0	88.1	53.1	35.0	11.9

[1] Includes revisions made since publication of 1970 census reports. [2] Persons of Spanish origin may be of any race.

Source of tables 18-20: U.S. Bureau of the Census, *U.S. Census of Population: 1940, 1950, 1960, and 1970; 1980 Census of Population,* vol. I, chapter H (PC80-1-A1) and *Supplementary Report, Metropolitan Statistical Areas* (PC80-1-S1), forthcoming report and unpublished data.

NO. 21. METROPOLITAN AND NONMETROPOLITAN AREA POPULATION—STATES: 1970 TO 1983

[**1970** and **1980**, as of **April 1**; **1983** as of **July 1**. Excludes Armed Forces abroad. Refers to 257 metropolitan statistical areas and 20 consolidated metropolitan statistical areas as defined by U.S. Office of Management and Budget, **October 12, 1984**; see Appendix II. For composition of regions, see fig. I, inside front cover. Minus sign (−) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

REGION, DIVISION, AND STATE	METROPOLITAN AREA POPULATION							NONMETROPOLITAN AREA POPULATION						
	Total (1,000)			Average annual percent change		Percent of State		Total (1,000)			Average annual percent change		Percent of State	
	1970	1980	1983	1970–1980	1980–1983	1970	1983	1970	1980	1983	1970–1980	1980–1983	1970	1983
U.S	**155,519**	**171,956**	**177,927**	**1.0**	**1.1**	**76.5**	**76.0**	**47,783**	**54,590**	**56,053**	**1.3**	**.8**	**23.5**	**24.0**
Region:														
Northeast	43,742	43,291	43,594	−.1	.2	89.2	88.0	5,318	5,844	5,924	.9	.4	10.8	12.0
Midwest	40,401	41,479	41,545	.3	-	71.4	70.5	16,189	17,387	17,408	.7	-	28.6	29.5
South	42,217	51,415	54,717	2.0	1.9	67.2	68.8	20,596	23,958	24,822	1.5	1.1	32.8	31.2
West	29,159	35,772	38,070	2.0	1.9	83.5	82.8	5,679	7,401	7,899	2.6	2.0	16.5	17.2
N. Eng	**9,822**	**10,020**	**10,105**	**.2**	**.3**	**82.9**	**80.9**	**2,026**	**2,329**	**2,384**	**1.4**	**.7**	**17.1**	**19.1**
ME	365	404	413	1.0	.6	36.8	36.0	628	720	733	1.4	.5	63.2	64.0
NH	404	511	536	2.3	1.5	54.8	56.0	333	410	422	2.1	.9	45.2	44.0
VT	99	115	119	1.5	.9	22.3	22.6	346	396	407	1.4	.8	77.7	77.4
MA	5,266	5,231	5,248	−.1	.1	92.6	91.0	423	506	519	1.8	.8	7.4	9.0
RI	868	878	884	.1	.2	91.4	92.5	82	69	71	−1.7	1.1	8.6	7.5
CT	2,819	2,879	2,905	.2	.3	93.0	92.6	213	228	232	.7	.5	7.0	7.4
Mid. Atl	**33,921**	**33,272**	**33,489**	**−.2**	**.2**	**91.2**	**90.4**	**3,293**	**3,515**	**3,540**	**.7**	**.2**	**8.8**	**9.6**
NY	16,647	15,869	15,966	−.5	.2	91.3	90.4	1,594	1,689	1,701	.6	.2	8.7	9.6
NJ	7,171	7,365	7,468	.3	.4	100.0	100.0	-	-	-	-	-	-	-
PA	10,102	10,038	10,056	−.1	.1	85.6	84.5	1,698	1,826	1,839	.7	.2	14.4	15.5
E. No. Cent	**31,621**	**32,204**	**32,074**	**.2**	**−.1**	**78.5**	**77.2**	**8,642**	**9,479**	**9,457**	**.9**	**−.1**	**21.5**	**22.8**
OH	8,565	8,521	8,474	−.1	−.2	80.4	78.9	2,092	2,277	2,271	.8	−.1	19.6	21.1
IN	3,551	3,719	3,722	.5	-	68.4	67.9	1,644	1,771	1,757	.7	−.3	31.6	32.1
IL	9,125	9,339	9,417	.2	.3	82.1	82.0	1,986	2,088	2,069	.5	−.3	17.9	18.0
MI	7,361	7,481	7,293	.2	−.8	82.9	80.4	1,521	1,782	1,776	1.6	−.1	17.1	19.6
WI	3,019	3,145	3,167	.4	.2	68.3	66.7	1,399	1,561	1,584	1.1	.5	31.7	33.3
W. No. Cent	**8,780**	**9,275**	**9,472**	**.5**	**.6**	**53.8**	**54.4**	**7,547**	**7,909**	**7,950**	**.5**	**.2**	**46.2**	**45.6**
MN	2,434	2,621	2,689	.7	.8	63.9	64.9	1,373	1,455	1,456	.6	-	36.1	35.1
IA	1,154	1,223	1,231	.6	.2	40.8	42.4	1,671	1,691	1,674	.1	−.3	59.2	57.6
MO	3,170	3,226	3,263	.2	.3	67.8	65.6	1,508	1,690	1,708	1.1	.3	32.2	34.4
ND	196	234	243	1.8	1.1	31.7	35.7	422	418	438	−.1	1.4	68.3	64.3
SD	95	109	114	1.4	1.3	14.3	16.3	571	581	586	.2	.2	85.7	83.7
NE	650	708	733	.9	1.1	43.8	45.9	835	862	864	.3	.1	56.2	54.1
KS	1,082	1,153	1,199	.6	1.2	48.1	49.4	1,167	1,211	1,226	.4	.4	51.9	50.6
So. Atl	**22,051**	**26,777**	**28,283**	**1.9**	**1.7**	**71.8**	**72.9**	**8,628**	**10,183**	**10,522**	**1.7**	**1.0**	**28.2**	**27.1**
DE	386	398	404	.3	.5	70.4	66.7	162	196	202	1.9	.9	29.6	33.3
MD	3,668	3,920	4,003	.7	.6	93.5	93.0	255	297	302	1.5	.5	6.5	7.0
DC	757	638	623	−1.7	−.7	100.0	100.0	-	-	-	-	-	-	-
VA	3,280	3,745	3,926	1.3	1.4	70.5	70.7	1,371	1,601	1,624	1.5	.4	29.5	29.3
WV	683	718	714	.5	−.2	39.1	36.3	1,061	1,232	1,251	1.5	.5	60.9	63.7
NC	2,755	3,204	3,326	1.5	1.1	54.2	54.7	2,330	2,678	2,756	1.4	.9	45.8	45.3
SC	1,504	1,865	1,956	2.2	1.5	58.0	59.9	1,087	1,256	1,308	1.4	1.2	42.0	40.1
GA	2,807	3,403	3,614	1.9	1.9	61.2	63.0	1,781	2,060	2,119	1.5	.9	38.8	37.0
FL	6,213	8,885	9,718	3.6	2.8	91.5	91.0	578	862	961	4.0	3.4	8.5	9.0
E. So. Cent	**6,847**	**7,829**	**7,976**	**1.3**	**.6**	**53.5**	**53.4**	**5,961**	**6,838**	**6,970**	**1.4**	**.6**	**46.5**	**46.6**
KY	1,550	1,677	1,680	.8	.1	48.1	45.2	1,671	1,984	2,034	1.7	.8	51.9	54.8
TN	2,564	2,974	3,037	1.5	.6	65.3	64.8	1,362	1,617	1,648	1.7	.6	34.7	35.2
AL	2,169	2,462	2,512	1.3	.6	63.0	63.4	1,275	1,432	1,447	1.2	.3	37.0	36.6
MS	564	716	748	2.4	1.3	25.5	28.9	1,653	1,805	1,839	.9	.6	74.5	71.1
W. So. Cent	**13,318**	**16,809**	**18,457**	**2.3**	**2.9**	**68.9**	**71.6**	**6,008**	**6,938**	**7,330**	**1.4**	**1.7**	**31.1**	**28.4**
AR	730	885	904	1.9	.7	38.0	38.8	1,193	1,401	1,424	1.6	.5	62.0	61.2
LA	2,439	2,892	3,062	1.7	1.8	66.9	69.0	1,205	1,313	1,376	.9	1.4	33.1	31.0
OK	1,432	1,724	1,901	1.9	3.0	56.0	57.6	1,127	1,301	1,397	1.4	2.1	44.0	42.4
TX	8,716	11,307	12,590	2.6	3.3	77.8	80.1	2,483	2,921	3,134	1.6	2.2	22.2	19.9
Mt	**5,099**	**7,195**	**7,837**	**3.4**	**2.6**	**60.7**	**63.6**	**3,191**	**4,178**	**4,494**	**2.7**	**2.2**	**39.3**	**36.4**
MT	169	189	197	1.1	1.4	24.4	24.2	525	598	619	1.3	1.1	75.6	75.8
ID	112	173	184	4.3	1.9	15.7	18.6	601	771	805	2.5	1.3	84.3	81.4
WY	51	72	77	3.4	2.2	15.4	15.0	281	398	437	3.5	2.9	84.6	85.0
CO	1,772	2,326	2,524	2.7	2.5	80.2	80.4	438	563	615	2.5	2.7	19.8	19.6
NM	456	609	646	2.9	1.8	44.8	46.2	562	694	753	2.1	2.5	55.2	53.8
AZ	1,323	2,041	2,236	4.3	2.8	74.5	75.5	453	678	727	4.0	2.2	25.5	24.5
UT	822	1,128	1,242	3.2	2.9	77.6	76.7	238	333	377	3.4	3.8	22.4	23.3
NV	394	657	730	5.1	3.3	80.7	81.9	94	144	161	4.2	3.5	19.3	18.1
Pac	**24,061**	**28,577**	**30,233**	**1.7**	**1.7**	**90.6**	**89.9**	**2,488**	**3,223**	**3,405**	**2.6**	**1.7**	**9.4**	**10.1**
WA	2,752	3,322	3,472	1.9	1.4	80.6	80.7	661	810	828	2.0	.7	19.4	19.3
OR	1,415	1,763	1,787	2.2	.4	67.7	67.1	676	870	875	2.5	.2	32.3	32.9
CA	19,136	22,555	23,964	1.6	1.9	95.8	95.2	835	1,113	1,210	2.9	2.6	4.2	4.8
AK	126	174	211	3.2	5.9	41.8	44.1	176	227	268	2.6	5.0	58.2	55.9
HI	631	763	799	1.9	1.4	81.9	78.1	139	202	224	3.7	3.2	18.1	21.9

- Represents or rounds to zero.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas* (PC–51), forthcoming report and unpublished data.

NO. 22. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1983, AND SELECTED CHARACTERISTICS, 1980

[**1970** and **1980,** as of **April 1; 1983** as of **July 1.** Covers 20 consolidated metropolitan statistical areas (CMSA's), their 78 component primary metropolitan statistical areas (PMSA's), and the remaining 107 MSA's 250,000 and over population as defined by the Office of Management and Budget as of October 12, 1984. Figures for 1970 include corrections. Rank based on unrounded figures for CMSA's and MSA's only. For definitions and components of all MSA's, see Appendix II. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (–) indicates decrease]

METROPOLITAN AREA	1970 (1,000)	1980					1983		AVERAGE ANNUAL PERCENT CHANGE	
		Total (1,000)	Percent—				Total (1,000)	Rank	1970–1980	1980–1983
			Black	Spanish origin [1]	Under 18 years old	65 years old and over				
Albany-Schenectady-Troy, NY MSA	811	836	3.7	1.0	26.6	13.1	841	44	.3	.2
Albuquerque, NM MSA	316	420	2.3	36.8	29.0	8.1	443	76	2.8	1.6
Allentown-Bethlehem, PA-NJ MSA	594	635	1.4	2.4	25.4	12.9	643	55	.7	.4
Appleton-Oshkosh-Neenah, WI MSA	277	291	.2	.5	29.9	10.7	297	111	.5	.6
Atlanta, GA MSA	1,684	2,138	24.6	1.1	29.4	7.8	2,305	15	2.4	2.3
Atlantic City, NJ MSA	235	276	14.2	3.2	25.5	17.2	284	114	1.6	.8
Augusta, GA-SC MSA	291	346	30.9	1.5	30.0	8.4	361	94	1.7	1.3
Austin, TX MSA	360	537	9.4	17.6	26.5	7.8	618	56	4.0	4.4
Bakersfield, CA MSA	330	403	5.2	21.6	30.9	9.7	447	75	2.0	3.2
Baltimore, MD MSA	2,089	2,200	25.5	1.0	27.0	10.1	2,232	16	.5	.5
Baton Rouge, LA MSA	376	494	27.8	1.7	31.5	7.0	531	66	2.7	2.2
Beaumont-Port Arthur, TX MSA	348	375	21.8	3.4	29.8	10.3	388	86	.8	1.0
Binghamton, NY MSA	268	263	1.3	.7	27.3	12.2	265	122	–.2	.2
Birmingham, AL MSA	794	884	27.2	.6	28.1	11.7	891	43	1.1	.2
Boston-Lawrence-Salem, MA-NH CMSA	3,939	3,972	4.4	2.3	26.1	11.8	3,997	7	.1	.2
Boston, MA PMSA	2,887	2,806	5.8	2.4	24.9	12.2	2,804	(x)	–.3	-
Brockton, MA PMSA	163	183	3.2	1.5	30.1	10.6	187	(x)	1.2	.8
Lawrence-Haverhill, MA-NH PMSA	301	339	.8	3.8	29.0	12.0	350	(x)	1.2	.9
Lowell, MA-NH PMSA	225	243	.8	2.2	31.0	9.2	247	(x)	.8	.4
Nashua, NH PMSA	100	143	.7	.8	31.8	7.5	151	(x)	3.5	1.7
Salem-Gloucester, MA PMSA	263	258	.4	.9	24.9	13.0	259	(x)	–.2	.1
Buffalo-Niagara Falls, NY CMSA	1,349	1,243	9.2	1.3	26.8	12.3	1,226	30	–.8	–.4
Buffalo, NY PMSA	1,113	1,015	10.1	1.4	26.6	12.4	1,002	(x)	–.9	–.4
Niagara Falls, NY PMSA	236	227	4.9	.8	27.9	11.9	225	(x)	–.4	–.4
Canton, OH MSA	394	404	6.0	.9	28.6	11.1	403	85	.3	–.1
Charleston, SC MSA	336	430	31.0	1.5	30.5	6.9	464	73	2.5	2.3
Charleston, WV MSA	257	270	5.1	.5	26.8	11.5	269	120	.5	–.1
Charlotte-Gastonia-Rock Hill, NC-SC MSA	840	971	20.0	.8	28.5	9.6	1,019	35	1.4	1.5
Chattanooga, TN-GA MSA	371	427	14.0	.7	28.4	10.9	427	81	1.4	-
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	7,779	7,937	19.6	8.0	28.9	9.9	8,016	3	.2	.3
Aurora-Elgin, IL PMSA	277	316	4.4	8.6	31.8	8.9	320	(x)	1.3	.4
Chicago, IL PMSA	6,093	6,060	22.3	8.6	28.1	10.4	6,119	(x)	–.1	.3
Gary-Hammond, IN PMSA	633	643	19.7	7.3	31.5	8.4	640	(x)	.1	–.1
Joliet, IL PMSA	274	355	8.9	4.0	33.0	7.7	360	(x)	2.6	.5
Kenosha, WI PMSA	118	123	2.3	2.9	29.3	10.8	122	(x)	.4	–.3
Lake County, IL PMSA	383	440	6.4	4.8	30.4	7.2	455	(x)	1.4	1.0
Cincinnati-Hamilton, OH-KY-IN CMSA	1,613	1,660	11.2	.6	29.1	10.6	1,666	22	.3	.1
Cincinnati, OH-KY-IN PMSA	1,387	1,401	12.4	.6	29.2	10.9	1,405	(x)	.1	.1
Hamilton-Middletown, OH PMSA	226	259	4.7	.6	28.8	8.9	261	(x)	1.3	.3
Cleveland-Akron-Lorain, OH CMSA	3,000	2,834	15.0	1.5	27.7	11.1	2,803	11	–.6	–.3
Akron, OH PMSA	679	660	9.1	.5	27.7	10.4	652	(x)	–.3	–.4
Cleveland, OH PMSA	2,064	1,899	18.2	1.4	27.1	11.7	1,878	(x)	–.8	–.3
Lorain-Elyria, OH PMSA	257	275	7.2	4.8	31.9	8.5	273	(x)	.7	–.2
Colorado Springs, CO MSA	236	309	6.2	8.1	29.3	6.8	340	100	2.7	2.9
Columbia, SC MSA	323	410	28.8	1.3	27.9	7.3	428	80	2.4	1.3
Columbus, OH MSA	1,149	1,244	11.0	.7	28.1	9.0	1,263	28	.8	.5
Corpus Christi, TX MSA	285	326	4.0	48.5	33.6	8.4	356	95	1.4	2.7
Dallas-Fort Worth, TX CMSA	2,352	2,931	14.3	8.5	29.3	8.2	3,266	10	2.2	3.3
Dallas, TX PMSA	1,556	1,957	16.1	9.0	29.5	7.9	2,170	(x)	2.3	3.2
Fort Worth-Arlington, TX PMSA	795	973	10.6	7.4	28.9	8.9	1,096	(x)	2.0	3.7
Davenport-Rock Island-Moline, IA-IL MSA	363	384	4.4	3.0	29.6	10.7	384	88	.6	-
Dayton-Springfield, OH MSA	975	942	12.6	.7	28.5	9.8	936	41	–.3	–.2
Daytona Beach, FL MSA	169	259	11.2	1.6	21.2	22.3	290	112	4.2	3.5
Denver-Boulder, CO CMSA	1,238	1,618	4.8	10.7	27.5	7.8	1,768	21	2.7	2.7
Boulder-Longmont, CO PMSA	132	190	.9	5.4	24.9	6.8	206	(x)	3.6	2.6
Denver, CO PMSA	1,106	1,429	5.3	11.4	27.9	7.9	1,561	(x)	2.6	2.7
Des Moines, IA MSA	340	368	3.8	1.3	28.2	10.5	375	90	.8	.6
Detroit-Ann Arbor, MI CMSA	4,788	4,753	19.4	1.6	29.4	9.3	4,605	6	–.1	–1.0
Ann Arbor, MI PMSA	234	265	10.7	1.5	24.2	6.4	258	(x)	1.2	–.8
Detroit, MI PMSA	4,554	4,488	19.9	1.6	29.7	9.5	4,347	(x)	–.1	–1.0
Duluth, MN-WI MSA	265	267	.4	.3	27.1	13.6	258	125	-	–1.0
El Paso, TX MSA	359	480	3.8	61.9	35.2	6.6	510	70	2.9	1.9
Erie, PA MSA	264	280	4.4	.7	29.0	10.9	280	116	.6	.1
Eugene-Springfield, OR MSA	215	275	.6	2.0	26.7	9.6	269	121	2.5	–.8
Evansville, IN-KY MSA	255	276	5.6	.5	27.7	12.3	279	118	.8	.3
Flint, MI MSA	446	450	17.5	1.7	32.1	8.0	438	78	.1	–.9
Fort Wayne, IN MSA	335	354	7.5	1.5	30.6	9.8	349	97	.6	–.5
Fresno, CA MSA	413	515	4.9	29.3	29.8	10.1	545	65	2.2	1.8

See footnotes at end of table.

No. 22. Metropolitan Statistical Areas—Population, 1970 to 1983, and Selected Characteristics, 1980—Continued

[See headnote, p. 19]

Metropolitan area	1970 (1,000)	1980					1983		Average annual percent change	
		Total (1,000)	Percent—				Total (1,000)	Rank	1970–1980	1980–1983
			Black	Spanish origin [1]	Under 18 years old	65 years old and over				
Grand Rapids, MI MSA	539	602	5.3	2.3	30.2	9.8	611	57	1.1	.5
Greensboro-Winston-Salem-High Point, NC MSA	743	852	19.0	.7	27.2	10.2	876	46	1.4	.9
Greenville-Spartanburg, SC MSA	473	589	17.1	.8	28.0	9.8	590	61	1.6	1.1
Harrisburg-Lebanon-Carlisle, PA MSA	510	555	6.2	1.1	26.5	11.8	564	64	.8	.5
Hartford-New Britain-Middletown, CT CMSA	1,000	1,014	7.1	4.3	26.4	11.4	1,019	36	.1	.2
Bristol, CT PMSA	70	74	1.4	1.5	27.9	10.3	74	(x)	.5	.3
Hartford, CT PMSA	711	716	8.6	4.8	26.7	11.4	721	(x)	.1	.2
Middletown, CT PMSA	74	82	5.3	1.7	25.9	10.7	82	(x)	1.0	.2
New Britain, CT PMSA	145	142	3.4	5.0	24.2	12.4	142	(x)	−.2	-
Honolulu, HI MSA	631	763	2.2	7.2	28.1	7.3	799	47	1.9	1.4
Houston-Galveston-Brazoria, TX CMSA	2,169	3,101	18.2	14.5	30.5	6.4	3,561	8	3.6	4.3
Brazoria, TX PMSA	108	170	7.8	13.4	31.1	6.1	186	(x)	4.5	2.9
Galveston-Texas City, TX PMSA	170	196	18.5	12.0	29.7	9.1	213	(x)	1.4	2.6
Houston, TX PMSA	1,891	2,736	18.8	14.7	30.5	6.2	3,161	(x)	3.7	4.4
Huntington-Ashland, WV-KY-OH MSA	307	336	2.2	.5	28.8	11.7	336	101	.9	-
Indianapolis, IN MSA	1,111	1,167	13.5	.8	29.6	9.8	1,182	32	.5	.4
Jackson, MS MSA	289	362	41.3	.8	31.1	9.4	372	92	2.3	.8
Jacksonville, FL MSA	613	722	21.6	1.8	29.2	9.7	773	50	1.6	2.1
Johnson City-Kingsport-Bristol, TN-VA MSA	374	434	2.1	.5	27.3	11.4	440	77	1.5	.5
Johnstown, PA MSA	263	265	1.3	.4	27.3	13.6	260	124	.1	−.5
Kansas City, MO-KS MSA	1,373	1,433	12.6	2.3	28.4	10.5	1,464	25	.4	.7
Knoxville, TN MSA	477	566	6.1	.6	26.3	11.2	579	62	1.7	.7
Lakeland-Winter Haven, FL MSA	229	322	15.0	3.0	27.2	14.3	346	99	3.4	2.2
Lancaster, PA MSA	320	362	1.9	2.5	28.2	11.7	372	91	1.2	.8
Lansing-East Lansing, MI MSA	378	420	5.6	3.1	28.4	7.6	411	83	1.0	−.7
Las Vegas, NV MSA	273	463	10.0	7.6	27.8	7.6	521	68	5.3	3.6
Lexington-Fayette, KY MSA	267	318	11.0	.7	27.1	9.2	323	104	1.7	.5
Little Rock-North Little Rock, AR MSA	381	474	19.1	.9	29.7	9.9	487	72	2.2	.8
Los Angeles-Anaheim-Riverside, CA CMSA	9,981	11,498	9.2	24.0	27.6	9.9	12,191	2	1.4	1.8
Anaheim-Santa Ana, CA PMSA	1,421	1,933	1.3	14.8	27.2	8.3	2,059	(x)	3.1	1.9
Los Angeles-Long Beach, CA PMSA	7,042	7,478	12.6	27.6	27.2	9.9	7,818	(x)	.6	1.4
Oxnard-Ventura, CA PMSA	378	529	2.1	21.4	31.2	8.3	576	(x)	3.4	2.6
Riverside-San Bernardino, CA PMSA	1,139	1,558	5.0	18.6	29.2	12.1	1,738	(x)	3.1	3.4
Louisville, KY-IN MSA	907	957	12.6	.6	28.8	10.4	956	40	.5	-
Macon-Warner Robins, GA MSA	235	264	33.6	.9	30.5	8.9	274	119	1.2	1.2
Madison, WI MSA	290	324	1.8	1.0	25.0	8.4	330	102	1.1	.6
McAllen-Edinburg-Mission, TX MSA	182	283	.2	81.3	39.3	9.2	323	103	4.4	4.0
Melbourne-Titusville-Palm Bay, FL MSA	230	273	8.7	2.0	24.9	12.7	307	110	1.7	3.6
Memphis, TN-AR-MS MSA	834	913	39.9	.9	30.5	9.3	930	42	.9	.6
Miami-Fort Lauderdale, FL CMSA	1,888	2,644	14.9	23.5	22.9	18.1	2,793	12	3.4	1.7
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	620	1,018	11.2	4.0	21.0	22.0	1,073	(x)	5.0	1.6
Miami-Hialeah, FL PMSA	1,268	1,626	17.2	35.7	24.0	15.7	1,719	(x)	2.5	1.7
Milwaukee-Racine, WI CMSA	1,575	1,570	10.5	2.6	28.5	11.0	1,571	24	-	-
Milwaukee, WI PMSA	1,404	1,397	10.8	2.5	28.3	11.1	1,397	(x)	-	-
Racine, WI PMSA	171	173	8.0	4.2	30.8	10.2	173	(x)	.1	.1
Minneapolis-St. Paul, MN-WI MSA	1,982	2,137	2.3	1.0	28.4	9.6	2,208	17	.8	1.0
Mobile, AL MSA	377	444	28.6	1.0	31.3	10.2	459	74	1.6	1.1
Modesto, CA MSA	195	266	1.2	15.0	29.8	11.0	287	113	3.1	2.3
Montgomery, AL MSA	226	273	34.7	.9	30.7	10.1	281	115	1.9	.9
Nashville-Davidson, TN MSA	699	851	16.1	.7	27.5	10.4	878	45	2.0	1.0
New Haven-Meriden, CT MSA	489	500	10.5	3.7	25.7	12.3	503	71	.2	.1
New London-Norwich, CT-RI MSA	243	251	3.5	1.9	27.6	10.5	256	126	.3	.6
New Orleans, LA MSA	1,100	1,256	32.6	4.0	30.4	9.1	1,316	27	1.3	1.4
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	18,193	17,539	16.1	11.7	26.3	12.2	17,687	1	−.4	.3
Bergen-Passaic, NJ PMSA	1,358	1,293	7.1	7.0	24.9	12.3	1,291	(x)	−.5	-
Bridgeport-Milford, CT PMSA	444	439	8.3	7.1	26.8	12.1	442	(x)	−.1	.2
Danbury, CT PMSA	136	170	2.6	1.9	30.2	9.1	176	(x)	2.2	1.0
Jersey City, NJ PMSA	608	557	12.6	26.1	26.0	12.6	562	(x)	−.9	.3
Middlesex-Somerset-Hunterdon, NJ PMSA	852	886	5.3	4.4	26.4	8.9	908	(x)	.4	.7
Monmouth-Ocean, NJ PMSA	670	849	6.2	2.5	27.7	15.5	884	(x)	2.4	1.2
Nassau-Suffolk, NY PMSA	2,556	2,606	6.2	3.9	28.6	9.8	2,655	(x)	.2	.6
New York, NY PMSA	9,077	8,275	23.1	17.7	25.2	13.2	8,291	(x)	−.9	.1
Newark, NJ PMSA	1,937	1,879	21.7	6.9	27.5	11.1	1,882	(x)	−.3	.1
Norwalk, CT PMSA	128	127	8.9	4.1	26.7	9.9	128	(x)	−.1	.4
Orange County, NY PMSA	222	260	6.2	4.3	30.5	10.9	268	(x)	1.6	1.0
Stamford, CT PMSA	206	199	8.4	3.7	24.9	12.4	200	(x)	−.4	.2
Norfolk-Virginia Beach-Newport News, VA MSA	1,059	1,160	28.1	1.6	28.5	7.7	1,227	29	.9	1.7
Oklahoma City, OK MSA	719	861	9.1	2.2	28.2	10.0	957	39	1.8	3.3

See footnotes at end of table.

NO. 22. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1983, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 19]

METROPOLITAN AREA	1970 (1,000)	1980					1983		AVERAGE ANNUAL PERCENT CHANGE	
		Total (1,000)	Percent—				Total (1,000)	Rank	1970–1980	1980–1983
			Black	Spanish origin [1]	Under 18 years old	65 years old and over				
Omaha, NE-IA MSA	556	585	7.5	2.0	30.3	9.6	604	59	.5	1.0
Orlando, FL MSA	453	700	12.9	3.7	27.3	10.9	793	48	4.3	3.8
Pensacola, FL MSA	243	290	16.7	1.6	29.3	8.6	313	108	1.8	2.4
Peoria, IL MSA	342	366	6.0	.9	29.3	10.9	362	93	.7	−.4
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	5,749	5,681	18.2	2.6	27.2	11.5	5,738	4	−.1	.3
Philadelphia, PA-NJ PMSA	4,824	4,717	18.8	2.5	27.1	11.7	4,760	(x)	−.2	.3
Trenton, NJ PMSA	304	308	18.0	3.4	25.5	11.4	311	(x)	.1	.3
Vineland-Millville-Bridgeton, NJ PMSA	121	133	15.0	9.4	30.4	11.7	133	(x)	.9	.1
Wilmington, DE-NJ-MD PMSA	499	523	14.0	1.6	28.2	9.7	534	(x)	.5	.6
Phoenix, AZ MSA	971	1,509	3.2	13.2	28.1	11.6	1,664	23	4.4	3.0
Pittsburgh-Beaver Valley, PA CMSA	2,556	2,423	7.5	.5	24.9	13.4	2,400	13	−.5	−.3
Beaver County, PA PMSA	208	204	5.6	.5	26.6	11.9	202	(x)	−.2	−.4
Pittsburgh, PA PMSA	2,348	2,219	7.7	.5	24.8	13.5	2,198	(x)	−.6	−.3
Portland-Vancouver, OR-WA CMSA	1,047	1,298	2.6	2.0	27.3	11.0	1,332	26	2.1	.8
Portland, OR PMSA	919	1,106	2.9	2.1	26.5	11.3	1,129	(x)	1.9	.7
Vancouver, WA PMSA	128	192	.9	1.6	31.5	9.0	202	(x)	4.0	1.5
Poughkeepsie, NY MSA	222	245	7.0	2.4	27.9	11.1	250	128	1.0	.7
Providence-Pawtucket-Fall River, RI-MA CMSA	1,065	1,083	2.3	2.0	26.1	13.4	1,091	34	.2	.2
Fall River, MA-RI PMSA	152	157	.3	1.8	27.7	14.7	159	(x)	.3	.3
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	301	307	.8	2.0	27.3	13.3	309	(x)	.2	.2
Providence, RI PMSA	612	619	3.6	2.1	25.0	13.3	623	(x)	.1	.2
Raleigh-Durham, NC MSA	446	561	26.1	.8	25.3	8.5	590	60	2.3	1.6
Reading, PA MSA	296	313	2.5	2.9	25.3	14.1	315	107	.5	.2
Richmond-Petersburg, VA MSA	676	761	29.1	.9	26.9	9.9	785	49	1.2	1.0
Rochester, NY MSA	962	971	8.0	2.0	27.9	11.0	990	38	.1	.6
Rockford, IL MSA	272	280	7.6	2.4	29.9	10.2	280	117	.3	.1
Sacramento, CA MSA	848	1,100	5.6	9.6	26.6	9.6	1,197	31	2.6	2.6
Saginaw-Bay City-Midland, MI MSA	401	422	8.9	3.9	31.9	9.1	414	82	.5	−.6
St. Louis, MO-IL MSA	2,429	2,377	17.2	.9	28.7	11.7	2,396	14	−.2	.3
Salem, OR MSA	187	250	.6	4.5	28.3	12.6	255	127	2.9	.6
Salinas-Seaside-Monterey, CA MSA	247	290	6.5	25.9	28.3	9.2	311	109	1.6	2.1
Salt Lake City-Ogden, UT MSA	684	910	.9	4.9	36.3	7.3	1,006	37	2.9	3.1
San Antonio, TX MSA	888	1,072	6.8	44.9	31.8	9.0	1,169	33	1.9	2.7
San Diego, CA MSA	1,358	1,862	5.6	14.8	25.6	10.3	2,015	19	3.2	2.4
San Francisco-Oakland-San Jose, CA CMSA	4,754	5,368	8.7	12.3	25.0	10.4	5,624	5	1.2	1.4
Oakland, CA PMSA	1,628	1,762	15.0	10.5	26.0	9.9	1,863	(x)	.8	1.7
San Francisco, CA PMSA	1,482	1,489	8.6	11.1	20.5	12.6	1,518	(x)	-	.6
San Jose, CA PMSA	1,065	1,295	3.4	17.5	27.7	7.5	1,360	(x)	2.0	1.5
Santa Cruz, CA PMSA	124	188	.8	14.7	24.0	13.2	200	(x)	4.2	1.9
Santa Rosa-Petaluma, CA PMSA	205	300	1.2	6.9	26.2	13.5	321	(x)	3.8	2.1
Vallejo-Fairfield-Napa, CA PMSA	251	334	8.6	10.0	28.6	9.9	362	(x)	2.9	2.4
Santa Barbara-Santa Maria-Lompoc, CA MSA	264	299	2.6	18.5	24.3	11.3	317	106	1.2	1.8
Scranton-Wilkes-Barre, PA MSA	696	729	.6	.4	24.8	15.6	727	51	.5	−.1
Seattle-Tacoma, WA CMSA	1,837	2,093	4.2	2.1	26.2	9.8	2,187	18	1.3	1.4
Seattle, WA PMSA	1,425	1,607	3.6	2.0	25.6	9.9	1,677	(x)	1.2	1.3
Tacoma, WA PMSA	412	486	6.1	2.7	28.3	9.4	510	(x)	1.6	1.5
Shreveport, LA MSA	296	333	33.2	1.5	30.8	10.4	353	96	1.2	1.8
Spokane, WA MSA	287	342	1.3	1.4	28.0	11.5	348	98	1.7	.6
Springfield, MA MSA	528	515	5.5	4.6	26.5	12.8	515	69	−.2	-
Stockton, CA MSA	291	347	5.5	19.2	29.1	11.3	379	89	1.8	2.7
Syracuse, NY MSA	637	643	4.8	.9	28.4	10.7	650	54	.1	.4
Tampa-St. Petersburg-Clearwater, FL MSA	1,106	1,614	9.2	5.0	22.3	21.5	1,770	20	3.8	2.8
Toledo, OH MSA	606	617	10.6	2.7	28.6	11.0	608	58	.2	−.4
Tucson, AZ MSA	352	531	2.8	21.0	26.8	11.7	572	63	4.1	2.3
Tulsa, OK MSA	526	657	7.8	1.5	28.7	10.1	721	52	2.2	2.9
Utica-Rome, NY MSA	340	320	2.4	.9	28.0	13.5	321	105	−.6	.1
Visalia-Tulare-Porterville, CA MSA	188	246	1.4	29.8	32.6	10.7	265	123	2.7	2.3
Washington, DC-MD-VA MSA	3,040	3,251	26.8	2.9	27.2	7.6	3,370	9	.7	1.1
West Palm Beach-Boca Raton-Delray Beach, FL MSA	349	577	13.4	4.9	21.3	23.3	659	53	5.0	4.1
Wichita, KS MSA	389	412	7.8	2.9	28.1	9.9	429	79	.5	1.2
Worcester, MA MSA	400	403	1.4	2.2	26.7	13.3	404	84	.1	.1
York, PA MSA	330	381	2.6	.9	27.8	11.5	388	87	1.5	.5
Youngstown-Warren, OH MSA	537	531	10.5	1.3	27.8	11.4	522	67	−.1	−.5

- Represents zero. X Not applicable. [1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas*, (PC80-S1), forthcoming report and unpublished data.

NO. 23. URBAN AND RURAL POPULATION, BY SIZE OF PLACE: 1960 TO 1980

[See text, p. 3, and *Historical Statistics, Colonial Times to 1970*, series A 43-72]

CLASS AND SIZE	PLACES			POPULATION (1,000)			PERCENT OF TOTAL POPULATION		
	1960	1970	1980	1960	1970	1980	1960	1970	1980
United States	(x)	(x)	(x)	**179,323**	**[1] 203,212**	**226,546**	**100.0**	**100.0**	**100.0**
Urban	6,041	7,062	8,765	125,269	149,325	167,051	69.9	73.5	73.7
Places of 1,000,000 or more	5	6	6	17,484	18,769	17,530	9.8	9.2	7.7
Places of 500,000-1,000,000	16	20	16	11,111	12,967	10,834	6.2	6.4	4.8
Places of 250,000-500,000	30	30	34	10,766	10,442	12,158	6.0	5.1	5.4
Places of 100,000-250,000	81	100	117	11,652	14,286	17,015	6.5	7.0	7.5
Places of 50,000-100,000	201	240	290	13,836	16,724	19,786	7.7	8.2	8.7
Places of 25,000-50,000	432	520	675	14,951	17,848	23,436	8.3	8.8	10.3
Places of 10,000-25,000	1,134	1,385	1,765	17,568	21,415	27,645	9.8	10.5	12.2
Places of 5,000-10,000	1,394	1,839	2,181	9,780	12,924	15,356	5.5	6.4	6.8
Places of 2,500-5,000	2,152	2,295	2,665	7,580	8,038	9,368	4.2	4.0	4.1
Places under 2,500	596	627	1,016	690	727	1,260	.4	.4	.6
Other urban	(x)	(x)	(x)	9,851	15,186	12,663	5.5	7.5	5.6
Rural	13,749	13,706	13,764	54,054	53,887	59,495	30.1	26.5	26.3
Places of 1,000-2,500	4,151	4,191	4,434	6,497	6,656	7,038	3.6	3.3	3.1
Places under 1,000	9,598	9,515	9,330	3,894	3,852	3,863	2.2	1.9	1.7
Other rural	(x)	(x)	(x)	43,664	43,379	48,594	24.3	21.3	21.4

X Not applicable. [1] See text, p. 1.

Source: U.S. Bureau of the Census, *Census of Population: 1960, 1970*, and *1980*, vol. I.

NO. 24. URBAN AND RURAL POPULATION, BY RACE: 1970 AND 1980

[**In thousands, except percent.** For data shown in this table, an urbanized area comprises at least one city (central city) plus contiguous, closely settled areas (urban fringe) with a combined population of 50,000 or more. For urban and rural definitions, see text, p. 3. For comments on comparability of race data between 1970 and 1980, see text, p. 3. See also *Historical Statistics, Colonial Times to 1970*, series A 73-90]

YEAR AND AREA	Total	White	BLACK AND OTHER RACES		PERCENT DISTRIBUTION			
			Total	Black	Total	White	Black and other	
							Total	Black
1970, total population	**[1] 203,212**	**177,749**	**25,463**	**22,580**	**100.0**	**100.0**	**100.0**	**100.0**
Urban	149,325	128,773	20,552	18,367	73.5	72.4	80.7	81.3
Inside urbanized areas	118,447	100,952	17,495	15,693	58.3	56.8	68.7	69.5
Central cities	63,922	49,547	14,375	13,145	31.5	27.9	56.5	58.2
Urban fringe	54,525	51,405	3,120	2,548	26.8	28.9	12.3	11.3
Outside urbanized areas	30,878	27,822	3,057	2,675	15.2	15.7	12.0	11.8
Rural	53,887	48,976	4,911	4,213	26.5	27.6	19.3	18.7
1980, total population	**226,546**	**188,372**	**38,174**	**26,495**	**100.0**	**100.0**	**100.0**	**100.0**
Urban	167,051	134,322	32,729	22,594	73.7	71.3	85.7	85.3
Inside urbanized areas	139,171	110,149	29,022	20,106	61.4	58.5	76.0	75.9
Central cities	67,035	46,409	20,627	15,144	29.6	24.6	54.0	57.2
Urban fringe	72,135	63,740	8,395	4,962	31.8	33.8	22.0	18.7
Outside urbanized areas	27,880	24,173	3,707	2,488	12.3	12.8	9.7	9.4
Rural	59,495	54,050	5,445	3,901	26.3	28.7	14.3	14.7

[1] See text, p. 1.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I and *1980 Census of Population*, vol. I, chapter B (PC80-1-B).

NO. 25. CITIES, BY POPULATION SIZE: 1960 TO 1980

[Covers incorporated places of 10,000 population or more]

POPULATION SIZE	NUMBER OF CITIES			POPULATION (mil.)			PERCENT OF TOTAL			CUMULATIVE PERCENT		
	1960	1970	1980	1960	1970	1980	1960	1970	1980	1960	1970	1980
Total	**1,654**	**1,967**	**2,205**	**91.0**	**105.7**	**112.2**	**100.0**	**100.0**	**100.0**	(x)	(x)	(x)
1,000,000 or more	5	6	6	17.5	18.8	17.5	19.2	17.8	15.6	19.2	17.8	15.6
500,000-1,000,000	16	20	16	11.1	13.0	10.9	12.2	12.3	9.7	31.4	30.1	25.3
250,000-500,000	30	30	33	10.8	10.5	11.8	11.8	9.9	10.5	43.2	40.0	35.8
100,000-250,000	79	97	114	11.4	13.9	16.6	12.5	13.1	14.8	55.7	53.1	50.6
50,000-100,000	180	232	250	12.5	16.2	17.2	13.7	15.3	15.4	69.5	68.4	66.0
25,000-50,000	366	455	526	12.7	15.7	18.4	14.0	14.9	16.4	83.5	83.3	82.4
10,000-25,000	978	1,127	1,260	15.1	17.6	19.8	16.5	16.7	17.6	100.0	100.0	100.0

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970* and *1980*, vol. I, and unpublished data.

NO. 26. CITIES WITH 100,000 INHABITANTS OR MORE IN 1982—POPULATION, 1970 TO 1982, AND LAND AREA, 1982

[Population: **1970 and 1980, as of April 1; 1982,** as of **July 1.** Data refer to *municipal limits as of January* for 1970 and 1980 and as of Dec. 31 for 1982. For comments on comparability of race data for 1970 and 1980, see text, p. 3. Minus sign (–) indicates decrease]

CITY	1970		1980					1982				
				Percent—				Population				
	Total population [1] (1,000)	Percent Black [2]	Total population (1,000)	Black	Spanish origin [3]	Under 18 years old	65 years old and over	Total (1,000)	Rank	Percent change, 1980–1982	Per square mile	Land area [4] (square mile)
Abilene, TX	90	5.8	98	6.7	12.6	27.6	10.3	104	158	6.1	1,132	92.1
Akron, OH	275	17.5	237	22.2	.6	26.4	13.5	232	63	–2.3	3,953	58.6
Albany, NY	116	12.2	102	16.1	1.6	20.5	16.5	100	176	–1.7	4,632	21.6
Albuquerque, NM	245	2.2	332	2.5	33.8	27.8	8.4	342	46	2.9	3,238	105.6
Alexandria, VA	111	14.1	103	22.3	3.9	18.3	9.2	104	159	1.0	6,952	15.0
Allentown, PA	110	1.8	104	3.1	5.1	22.4	16.1	104	157	.5	5,961	17.5
Amarillo, TX	127	5.3	149	5.5	9.2	29.0	10.1	155	102	4.1	1,874	82.9
Anaheim, CA	166	(z)	219	1.2	17.2	26.5	7.7	226	64	3.2	5,341	42.4
Anchorage, AK [5]	48	5.9	174	5.3	3.0	31.5	2.0	195	72	11.6	112	1,732.0
Ann Arbor, MI	100	6.7	108	9.3	2.1	19.1	5.9	105	154	–2.9	4,212	24.9
Arlington, TX	90	.6	160	2.9	4.1	28.5	4.5	183	77	14.3	2,284	80.1
Atlanta, GA	495	51.3	425	66.6	1.4	26.8	11.5	428	30	.7	3,263	131.2
Aurora, CO	75	1.2	159	6.9	5.0	29.5	4.3	184	76	16.3	2,950	62.5
Austin, TX	254	11.8	345	12.2	18.7	24.5	7.5	368	39	[6] 6.4	2,899	127.0
Bakersfield, CA	70	13.3	106	10.6	15.0	29.1	9.2	116	140	9.4	1,534	75.3
Baltimore, MD	905	46.4	787	54.8	1.0	26.9	12.8	774	12	*–1.6*	*9,640*	*80.3*
Baton Rouge, LA [7]	166	27.8	219	36.5	1.8	27.3	8.7	362	41	4.5	(NA)	(NA)
Beaumont, TX	118	30.7	118	36.6	3.5	28.3	11.4	123	129	4.6	1,687	73.2
Berkeley, CA	114	23.5	103	20.1	5.1	15.4	10.8	103	164	.1	9,493	10.9
Birmingham, AL	301	42.0	284	55.6	.8	26.6	13.9	283	53	[6] –1.2	2,824	100.3
Boise City, ID	75	.4	102	.5	2.3	26.8	10.2	105	155	2.3	2,545	41.1
Boston, MA	641	16.3	563	22.4	6.4	21.6	12.7	561	21	–.4	11,882	47.2
Bridgeport, CT	157	16.3	143	21.0	18.7	27.9	13.4	144	113	.8	9,779	14.7
Buffalo, NY	463	20.4	358	26.6	2.7	25.2	15.0	348	44	–2.7	8,326	41.8
Cedar Rapids, IA	111	1.6	110	2.3	.9	27.6	11.0	109	146	–1.0	2,002	54.5
Charlotte, NC	241	30.3	314	31.0	1.1	27.8	8.6	324	48	[6] 2.7	2,230	145.3
Chattanooga, TN	120	35.8	170	31.7	.8	26.7	12.7	168	90	–1.0	1,357	123.8
Chesapeake, VA	90	23.1	114	27.6	.9	31.9	7.1	120	135	4.6	352	340.0
Chicago, IL	3,369	32.7	3,005	39.8	14.0	28.4	11.4	2,997	3	–.3	13,140	228.1
Cincinnati, OH	454	27.6	385	33.8	.8	25.2	14.5	380	35	–1.4	4,873	78.0
Cleveland, OH	751	38.3	574	43.8	3.1	27.8	13.0	559	22	–2.6	7,074	79.0
Colorado Springs, CO	136	5.2	215	5.6	8.5	28.3	8.3	232	62	7.7	1,803	128.5
Columbia, SC	114	29.9	101	40.2	2.2	20.3	10.4	101	169	.3	946	107.3
Columbus, GA [8]	155	26.2	169	34.2	2.1	29.5	8.9	174	85	2.9	802	217.5
Columbus, OH	540	18.5	565	22.1	.8	25.8	8.9	571	19	1.0	3,098	184.2
Concord, CA	85	.3	103	1.7	7.2	27.8	7.3	104	160	[6] .3	3,552	29.3
Corpus Christi, TX	205	5.1	232	5.1	46.6	32.4	8.2	246	58	6.0	1,467	167.8
Dallas, TX	844	24.9	904	29.4	12.3	27.0	9.5	944	7	[6] 4.3	2,838	332.6
Davenport, IA	98	4.2	103	6.1	2.8	29.1	10.5	104	161	.5	1,745	59.5
Dayton, OH	243	30.5	203	36.9	.9	27.4	11.8	188	75	[6] –2.6	3,471	54.3
Denver, CO	515	9.1	492	12.0	18.8	22.5	12.6	506	24	[6] 2.6	4,734	106.3
Des Moines, IA	201	5.7	191	6.8	1.8	25.9	12.5	192	74	.3	2,897	66.1
Detroit, MI	1,514	43.7	1,203	63.1	2.4	30.3	11.7	1,139	6	[6] –5.3	8,388	135.6
Durham, NC	95	38.8	101	47.1	.9	23.2	12.1	101	171	.7	2,416	41.9
Elizabeth, NJ	113	15.5	106	18.2	26.7	25.7	13.2	107	150	.6	9,128	11.7
El Paso, TX	322	2.3	425	3.2	62.5	35.0	6.9	445	28	4.7	1,858	239.6
Erie, PA	129	6.6	119	9.7	1.1	27.3	13.4	118	138	–.5	5,461	21.7
Eugene, OR	79	.8	106	1.1	2.1	22.4	9.5	104	162	–1.8	3,096	33.5
Evansville, IN	139	7.3	130	8.8	.5	24.6	15.2	130	122	–.2	3,493	37.3
Flint, MI	193	28.1	160	41.4	2.5	31.9	10.0	154	105	–3.5	4,710	32.7
Fort Lauderdale, FL	140	14.6	153	21.0	4.2	19.3	19.1	154	106	.3	5,266	29.2
Fort Wayne, IN	178	10.6	172	14.6	2.2	28.0	11.9	168	92	–2.8	2,988	56.1
Fort Worth, TX	393	19.9	385	22.8	12.6	27.1	11.8	401	33	4.2	1,637	245.2
Fremont, CA	101	(z)	132	2.5	14.0	30.1	5.2	138	118	4.5	1,759	78.4
Fresno, CA	166	9.6	218	9.5	23.6	27.9	10.9	245	59	3.9	2,796	87.5
Fullerton, CA	86	.8	102	1.6	13.5	24.2	8.0	105	156	2.2	4,709	22.2
Garden Grove, CA	121	(z)	123	.8	13.5	28.3	7.4	126	125	2.5	7,178	17.6
Garland, TX	81	3.7	139	5.3	6.3	33.7	4.1	149	109	7.3	2,656	56.1
Gary, IN	175	52.8	152	70.8	7.1	34.9	8.2	148	110	–2.9	3,745	39.4
Glendale, AZ	36	.4	97	1.9	12.8	31.8	7.0	106	152	9.5	2,365	45.0
Glendale, CA	133	(z)	139	.3	17.8	20.8	16.3	142	114	2.2	4,645	30.6
Grand Rapids, MI	198	11.3	182	15.7	3.2	27.4	13.4	183	78	.5	4,211	43.4
Greensboro, NC	144	28.2	156	33.0	.8	25.3	9.8	157	99	1.1	2,601	60.5
Hampton, VA	121	25.4	123	34.3	1.4	29.1	7.0	125	127	1.9	2,436	51.3

See footnotes at end of table.

No. 26. Cities With 100,000 Inhabitants or More in 1982—Population, 1970 to 1982, and Land Area, 1982—Continued

[See headnote, p. 23]

City	1970		1980					1982				
				Percent—				Population				
	Total population [1] (1,000)	Percent Black [2]	Total population (1,000)	Black	Spanish origin [3]	Under 18 years old	65 years old and over	Total (1,000)	Rank	Percent change, 1980–1982	Per square mile	Land area [4] (square miles)
Hartford, CT	158	27.9	136	33.9	20.5	29.0	11.4	136	119	(–z)	7,659	17.8
Hialeah, FL	102	1.1	145	1.5	74.3	24.2	11.4	155	103	6.5	7,975	19.4
Hollywood, FL	107	3.7	121	4.1	5.3	19.8	25.1	122	131	.6	8,595	14.2
Honolulu, HI [9]	325	.7	365	1.2	5.2	23.1	10.4	782	11	2.5	1,311	596.3
Houma, LA [10]	31	16.3	33	23.0	1.6	32.5	8.6	100	174	6.3	73	1,367.3
Houston, TX	1,234	25.7	1,595	27.6	17.6	28.4	6.9	1,726	4	8.2	3,053	565.2
Huntington Beach, CA	116	(z)	171	.7	7.9	27.9	5.9	176	83	3.4	6,482	27.2
Huntsville, AL	139	12.1	143	20.7	1.0	28.9	7.0	145	112	2.0	1,280	113.6
Independence, MO	112	.6	112	.7	1.4	27.2	10.9	112	144	–.2	1,385	80.6
Indianapolis, IN	737	18.0	701	21.8	.9	28.6	10.3	708	13	1.0	2,010	352.0
Irving, TX	97	1.0	110	1.5	7.4	29.1	4.7	114	141	4.0	1,698	67.3
Jackson, MS	154	39.7	203	47.0	.7	29.6	9.7	204	71	.6	1,923	106.2
Jacksonville, FL	504	22.3	541	25.4	1.8	28.8	9.6	556	23	2.9	732	759.7
Jersey City, NJ	260	21.0	224	27.7	18.6	29.4	11.8	223	65	–.3	16,885	13.2
Kansas City, KS	168	20.4	161	25.3	4.9	29.6	11.7	162	95	.7	1,510	107.4
Kansas City, MO	507	22.1	448	27.4	3.3	26.5	12.3	445	27	–.6	1,408	316.3
Knoxville, TN	175	12.7	175	14.6	.7	21.9	13.8	175	84	.1	2,265	77.4
Lakewood, CO	93	.1	113	.5	5.9	27.6	7.2	118	137	[6] 4.1	3,310	35.8
Lansing, MI	131	9.3	130	13.9	6.3	29.2	8.7	128	124	–1.6	3,636	35.3
Las Vegas, NV	126	11.2	165	12.8	7.8	27.9	8.3	180	80	9.1	3,013	59.6
Lexington-Fayette, KY [11]	108	17.0	204	13.3	.7	25.3	8.6	208	69	1.7	729	284.7
Lincoln, NE	150	1.5	172	2.0	1.6	23.5	10.3	177	81	3.1	2,926	60.6
Little Rock, AR	132	25.0	158	32.2	.8	28.0	11.0	168	91	[6] .2	2,009	83.6
Livonia, MI	110	(z)	105	.1	.9	28.4	7.8	101	170	–3.3	2,913	34.8
Long Beach, CA	359	5.3	361	11.3	14.0	22.9	14.0	371	37	2.8	7,458	49.8
Los Angeles, CA	2,812	17.9	2,967	17.0	27.5	25.1	10.6	3,022	2	[6] 1.8	6,491	465.6
Louisville, KY	362	23.8	298	28.2	.7	25.0	15.3	294	50	[6] –1.7	4,804	61.1
Lubbock, TX	149	7.3	174	8.2	18.8	27.7	7.8	177	82	1.5	1,924	91.8
Macon, GA	122	37.3	117	44.5	.7	28.7	11.9	119	136	1.6	2,389	49.7
Madison, WI	172	1.5	171	2.7	1.3	20.5	8.7	173	87	1.2	3,174	54.4
Memphis, TN	624	38.9	646	47.6	.8	29.1	10.4	646	16	–.1	2,445	264.1
Mesa, AZ	63	1.2	152	1.2	9.1	30.1	11.2	172	89	12.6	2,453	70.0
Miami, FL	335	22.7	347	25.1	55.9	21.4	17.0	383	34	10.3	11,158	34.3
Milwaukee, WI	717	14.7	636	23.1	4.1	27.0	12.5	632	18	–.8	6,592	95.8
Minneapolis, MN	434	4.4	371	7.7	1.3	20.0	15.4	369	38	–.5	6,700	55.1
Mobile, AL	190	35.4	200	36.2	1.1	29.0	11.1	205	70	2.1	1,663	123.0
Modesto, CA	62	1.9	107	2.1	10.5	29.5	9.7	114	142	6.6	4,305	26.5
Montgomery, AL	133	33.4	178	39.2	.9	30.2	10.1	182	79	2.6	1,422	128.3
Nashville-Davidson, TN	426	19.6	456	23.3	.8	25.0	11.0	455	26	–.1	949	479.5
New Haven, CT	138	26.3	126	31.9	8.0	25.3	13.1	125	126	–.6	6,632	18.9
New Orleans, LA	593	45.0	558	55.3	3.4	28.8	11.7	565	20	1.2	2,831	199.4
New York, NY	7,896	21.1	7,072	25.2	19.9	25.0	13.5	7,086	1	.2	23,503	301.5
Bronx Borough	1,472	24.3	1,169	31.8	33.9	29.2	12.9	1,163	(x)	–.5	27,892	41.7
Brooklyn Borough	2,602	25.2	2,231	32.4	17.6	28.3	12.5	2,241	(x)	.4	31,916	70.2
Manhattan Borough	1,539	24.7	1,428	21.7	23.5	17.7	14.3	1,423	(x)	–.4	64,108	22.2
Queens Borough	1,987	13.0	1,891	18.7	13.9	23.1	14.9	1,900	(x)	.4	17,493	108.6
Staten Island Borough	295	5.3	352	7.3	5.4	29.1	10.0	360	(x)	2.2	6,128	58.7
Newark, NJ	382	54.2	329	58.2	18.6	34.1	8.8	321	49	–2.7	13,299	24.1
Newport News, VA	138	28.4	145	31.5	1.8	28.4	7.8	151	108	4.4	2,316	65.3
Norfolk, VA	308	28.3	267	35.2	2.3	24.6	9.2	267	57	(–z)	5,035	53.0
Oakland, CA	362	34.5	339	46.9	9.6	24.3	13.2	345	45	1.6	6,394	53.9
Odessa, TX	78	5.7	90	5.6	23.2	30.4	7.4	102	167	13.8	2,961	34.6
Oklahoma City, OK	368	13.7	403	14.6	2.8	27.0	11.3	428	31	[6] 5.9	708	603.9
Omaha, NE	347	9.9	314	12.0	2.3	27.5	12.2	329	47	[6] .3	3,480	94.4
Orlando, FL	99	29.5	128	30.0	3.9	24.0	12.7	134	121	4.6	2,432	55.2
Oxnard, CA	71	6.0	108	6.1	44.4	33.2	6.6	116	139	6.9	4,590	25.2
Pasadena, CA	113	16.1	119	20.7	18.4	23.1	14.9	121	133	[6] 2.4	5,214	23.2
Pasadena, TX	90	.1	113	.8	17.0	31.4	4.8	122	132	8.4	3,177	38.4
Paterson, NJ	145	26.9	138	34.1	28.7	32.9	10.3	139	116	.7	16,745	8.3
Peoria, IL	127	11.5	124	16.7	1.4	27.6	12.3	122	130	–1.5	2,925	41.8
Philadelphia, PA	1,949	33.6	1,688	37.8	3.8	25.9	14.1	1,665	5	–1.4	12,245	136.0
Phoenix, AZ	584	4.8	790	4.8	14.8	29.0	9.3	824	9	4.3	2,402	343.2
Pittsburgh, PA	520	20.2	424	24.0	.8	21.4	16.0	415	32	–2.1	7,490	55.4
Pomona, CA	87	12.2	93	19.0	30.5	32.6	8.9	100	173	8.3	4,406	22.8
Portland, OR	380	5.6	366	7.6	2.1	21.8	15.3	368	40	[6] –.2	3,500	105.0
Portsmouth, VA	111	39.9	105	45.1	1.0	28.7	10.7	106	153	1.2	3,539	29.9

See footnotes at end of table.

NO. 26. CITIES WITH 100,000 INHABITANTS OR MORE IN 1982—POPULATION, 1970 TO 1982, AND LAND AREA, 1982—Continued

[See headnote, p. 23]

CITY	1970		1980					1982				
				Percent—				Population				Land area [4] (square miles)
	Total population [1] (1,000)	Percent Black [2]	Total population (1,000)	Black	Spanish origin [3]	Under 18 years old	65 years old and over	Total (1,000)	Rank	Percent change, 1980–1982	Per square mile	
Providence, RI	179	8.9	157	11.8	5.8	23.2	15.3	156	101	–.7	8,239	18.9
Pueblo, CO	98	2.1	102	2.1	35.5	28.5	12.3	101	172	–.7	3,031	33.3
Raleigh, NC	123	22.7	150	27.4	.9	22.3	8.3	154	104	2.6	2,677	57.6
Reno, NV	73	2.2	101	2.7	5.1	20.1	10.5	107	151	5.9	3,177	33.6
Richmond, VA	249	42.0	219	51.3	1.0	22.4	14.1	218	66	–.4	3,631	60.1
Riverside, CA	140	5.2	171	6.9	16.2	29.2	8.8	174	86	2.0	2,414	72.1
Roanoke, VA	92	19.3	100	22.0	.7	24.4	15.6	100	175	(–Z)	2,325	43.1
Rochester, NY	295	16.8	242	25.8	5.4	26.6	14.0	244	60	1.0	7,137	34.2
Rockford, IL	147	8.3	140	13.2	2.9	27.8	12.6	138	117	–1.0	3,441	40.2
Sacramento, CA	257	10.7	276	13.4	14.2	24.6	13.6	289	52	4.7	2,991	96.5
St. Louis, MO	622	40.9	453	45.6	1.2	26.1	17.6	437	29	–3.4	7,123	61.4
St. Paul, MN	310	3.5	270	4.9	2.9	24.1	15.0	270	56	.1	5,161	52.4
St. Petersburg, FL	216	14.8	239	17.2	1.8	20.4	25.8	241	61	1.1	4,323	55.8
Salt Lake City, UT	176	1.2	163	1.5	7.6	24.2	14.7	164	94	.5	2,170	75.5
San Antonio, TX	654	7.6	786	7.3	53.7	32.2	9.5	819	10	4.2	3,058	267.8
San Bernardino, CA	107	14.0	117	14.9	25.4	28.1	11.9	124	128	[6] 4.7	2,252	55.2
San Diego, CA	697	7.6	876	8.9	14.9	24.1	9.7	916	8	4.6	2,850	321.4
San Francisco, CA	716	13.4	679	12.7	12.3	17.2	15.4	692	14	1.9	14,906	46.4
San Jose, CA	460	2.5	629	4.6	22.3	31.0	6.2	659	15	4.7	4,037	163.3
Santa Ana, CA	156	4.3	204	4.0	44.5	30.6	7.4	217	67	6.5	7,928	27.4
Savannah, GA	118	44.9	141	49.0	1.3	29.6	11.4	146	111	[6] 2.9	2,565	56.8
Seattle, WA	531	7.1	494	9.5	2.6	17.6	15.4	490	25	–.8	3,389	144.6
Shreveport, LA	182	34.1	206	41.1	1.3	30.3	11.7	211	68	2.5	2,541	83.0
South Bend, IN	126	14.1	110	18.3	2.4	26.8	14.8	108	148	–1.9	2,950	36.5
Spokane, WA	171	1.3	171	1.6	1.5	24.5	15.3	172	88	.4	3,109	55.3
Springfield, MA	164	12.6	152	16.6	9.1	27.5	13.8	152	107	–.5	4,782	31.7
Springfield, MO	120	2.0	133	2.1	.7	23.2	13.2	134	120	1.0	2,034	66.1
Stamford, CT	109	12.3	102	15.0	5.6	24.5	12.0	104	163	1.1	2,720	38.1
Sterling Heights, MI	61	.1	109	.2	.9	34.5	4.5	108	147	–.5	2,964	36.6
Stockton, CA	110	11.0	150	10.4	22.1	29.2	11.0	162	96	8.0	3,899	41.5
Sunnyvale, CA	96	.8	107	2.4	11.5	23.0	8.2	107	149	.5	4,637	23.1
Syracuse, NY	197	10.8	170	15.7	1.7	23.3	14.6	166	93	–2.3	6,983	23.8
Tacoma, WA	154	6.8	159	9.2	2.4	26.8	13.5	161	97	1.8	3,376	47.8
Tallahassee, FL	73	25.1	82	31.8	1.8	21.0	7.4	103	166	[6] 1.1	1,973	52.0
Tampa, FL	278	19.7	272	23.5	13.3	25.1	14.8	276	55	1.8	3,275	84.4
Tempe, AZ	64	.7	107	1.8	8.2	24.7	4.7	113	143	5.2	2,945	38.2
Toledo, OH	383	13.8	355	17.4	3.0	28.1	12.5	351	43	–1.1	4,159	84.3
Topeka, KS	125	8.4	115	9.5	4.6	25.2	13.9	120	134	[6] 1.3	2,331	51.6
Torrance, CA	135	(Z)	130	.7	8.3	23.8	8.5	130	123	.3	6,352	20.5
Tucson, AZ	263	3.5	331	3.7	24.9	25.5	11.7	352	42	[6] 4.7	3,347	105.3
Tulsa, OK	330	10.6	361	11.8	1.7	25.8	10.8	375	36	4.0	2,020	185.8
Virginia Beach, VA	172	9.1	262	10.0	2.0	30.7	4.5	283	54	7.8	1,104	255.9
Waco, TX	95	19.9	101	21.8	11.1	24.3	14.3	102	168	.9	1,372	74.5
Warren, MI	179	(Z)	161	.2	.9	27.8	8.0	156	100	–3.1	4,539	34.4
Washington, DC	757	71.1	638	70.3	2.8	22.5	11.6	633	17	–.8	10,102	62.7
Waterbury, CT	108	10.1	103	11.6	6.7	25.8	15.5	103	165	–.3	3,599	28.6
Wichita, KS	277	9.7	279	10.8	3.5	26.3	10.6	289	51	[6] 3.2	2,606	110.8
Winston-Salem, NC	134	34.3	132	40.2	.8	25.3	12.1	141	115	[6] 1.6	2,141	65.8
Worcester, MA	177	1.9	162	2.9	4.3	23.6	16.3	161	98	–.5	4,306	37.4
Yonkers, NY	204	6.4	195	10.5	8.7	23.1	14.8	192	73	–1.5	10,510	18.3
Youngstown, OH	141	25.2	115	33.3	3.3	26.3	14.6	111	145	–3.5	3,229	34.5

NA Not available. X Not applicable. Z Less than .05 percent. [1] 1970 population totals include corrections made after tabulations were completed. [2] Based on uncorrected tabulated data. [3] Persons of Spanish origin may be of any race. [4] As of December 31. Reflects estimates of areas annexed or detached since January 1, 1980 as provided by the municipalities. The Bureau of the Census cannot verify, and is not responsible for, the accuracy of these data. [5] Anchorage city consolidated with Anchorage Borough September 15, 1975. [6] Data for 1980 include 1980 population of areas annexed between Jan. 1, 1980 and Dec. 31, 1982 and reflect corrections made after tabulations were completed. [7] Data for 1982, and for percent change, 1980–1982, are for the consolidated government of Baton Rouge. [8] Columbus and the unincorporated balance of Muscogee County consolidated on January 1, 1971. [9] 1980 data are for census designated place (essentially the Honolulu Judicial District) which has same boundaries as Honolulu city did in 1970. Data for 1982 and for percent change, 1980–1982 are for city of Honolulu which is coextensive with Honolulu County. [10] Data for 1982 and for percent change, 1980–1982, are for the consolidated county-city government of Houma. [11] Lexington and Fayette County consolidated January 1, 1974.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, chapters A and B; *1980 Census of Population,* vol. 1, chapters A and B; press release (CB84-85) and unpublished data.

No. 27. Total Population, by Age and Sex: 1960 to 1983

[In thousands, except as indicated. As of July 1. Includes Armed Forces abroad. See text, p. 2 for derivation of estimates. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series A23-25 and A29-41]

YEAR AND SEX	Total, all ages	Under 5 years	5-13 years	14-17 years	18-21 years	22-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over	16 years and over	18 years and over	21 years and over	Median age (yr.)
Total:															
1960	180,671	20,341	32,965	11,219	9,555	6,573	22,919	24,221	20,578	15,625	16,675	121,835	116,146	108,856	29.4
1970	205,052	17,166	36,672	15,924	14,719	9,992	25,324	23,150	23,316	18,682	20,107	143,070	135,290	124,127	27.9
1975	215,973	16,121	33,919	17,128	16,674	11,331	31,471	22,831	23,757	20,045	22,696	157,343	148,805	136,139	28.7
1977	220,239	15,564	32,855	17,045	17,225	11,949	33,998	23,562	23,370	20,780	23,892	163,378	154,776	141,701	29.2
1978	222,585	15,735	32,094	16,946	17,406	12,216	34,963	24,437	23,174	21,112	24,502	166,422	157,810	144,716	29.5
1979	225,055	16,063	31,431	16,611	17,505	12,542	36,203	25,176	22,942	21,448	25,134	169,441	160,950	147,779	29.8
1980	227,738	16,459	31,084	16,140	17,536	12,821	37,601	25,886	22,739	21,759	25,713	172,456	164,055	150,887	30.0
1981	230,019	16,949	30,682	15,579	17,443	13,043	39,033	26,536	22,550	21,948	26,256	174,997	166,809	153,809	30.3
1982	232,309	17,377	30,458	14,976	17,224	13,198	39,559	28,178	22,398	22,113	26,826	177,278	169,497	156,775	30.6
1983	234,496	17,826	30,116	14,633	16,770	13,378	40,335	29,492	22,343	22,220	27,384	179,347	171,921	159,440	30.9
Male:															
1960	89,320	10,339	16,762	5,663	4,810	3,284	11,327	11,872	10,142	7,559	7,542	59,413	56,536	52,859	28.5
1970	100,354	8,751	18,687	8,108	7,444	5,007	12,537	11,322	11,253	8,833	8,413	68,767	64,808	59,164	26.6
1975	105,366	8,240	17,303	8,722	8,454	5,683	15,635	11,199	11,449	9,416	9,265	75,444	71,102	64,678	27.5
1980	110,874	8,418	15,686	8,244	8,887	6,452	18,727	12,730	10,987	10,175	10,367	82,620	78,326	71,646	28.8
1983	114,179	9,121	15,403	7,466	8,552	6,763	20,154	14,532	10,816	10,379	10,992	85,976	82,188	75,815	29.6
Female:															
1960	91,352	10,002	16,203	5,536	4,745	3,289	11,591	12,349	10,436	8,067	9,133	62,422	59,610	55,997	30.3
1970	104,698	8,415	17,985	7,816	7,275	4,986	12,787	11,828	12,063	9,849	11,693	74,303	70,482	64,963	29.2
1975	110,607	7,881	16,616	8,406	8,220	5,648	15,836	11,632	12,307	10,629	13,431	81,900	77,704	71,461	29.9
1980	116,864	8,041	15,198	7,897	8,649	6,369	18,873	13,156	11,751	11,584	15,346	89,836	85,729	79,241	31.3
1983	120,317	8,705	14,713	7,165	8,217	6,615	20,181	14,961	11,527	11,841	16,392	93,371	89,733	83,624	32.2
PERCENT DISTRIBUTION															
Total:															
1960	100.0	11.3	18.2	6.2	5.3	3.6	12.7	13.4	11.4	8.6	9.2	67.4	64.3	60.3	(X)
1970	100.0	8.4	17.9	7.8	7.2	4.9	12.3	11.3	11.4	9.1	9.8	69.8	66.0	60.5	(X)
1975	100.0	7.5	15.7	7.9	7.7	5.2	14.6	10.6	11.0	9.3	10.5	72.9	68.9	63.0	(X)
1980	100.0	7.2	13.6	7.1	7.7	5.6	16.5	11.4	10.0	9.6	11.3	75.7	72.0	66.3	(X)
1983	100.0	7.6	12.8	6.2	7.2	5.7	17.2	12.6	9.5	9.5	11.7	76.5	73.3	68.0	(X)
Male:															
1960	100.0	11.6	18.8	6.4	5.4	3.7	12.7	13.3	11.4	8.5	8.4	66.5	63.3	59.2	(X)
1970	100.0	8.7	18.6	8.1	7.4	5.0	12.5	11.3	11.2	8.8	8.4	68.5	64.6	59.0	(X)
1975	100.0	7.8	16.4	8.3	8.0	5.4	14.8	10.6	10.9	8.9	8.8	71.6	67.5	61.4	(X)
1980	100.0	7.6	14.3	7.4	8.0	5.8	16.9	11.5	9.9	9.2	9.4	74.5	70.6	64.6	(X)
1983	100.0	8.0	13.5	6.5	7.5	5.9	17.7	12.7	9.5	9.1	9.6	75.3	72.0	66.4	(X)
Female:															
1960	100.0	10.9	17.7	6.1	5.2	3.6	12.7	13.5	11.4	8.8	10.0	68.3	65.3	61.3	(X)
1970	100.0	8.0	17.2	7.5	6.9	4.8	12.2	11.3	11.5	9.4	11.2	71.0	67.3	62.0	(X)
1975	100.0	7.1	15.0	7.6	7.4	5.1	14.3	10.5	11.1	9.6	12.1	74.0	70.3	64.6	(X)
1980	100.0	6.9	13.0	6.8	7.4	5.5	16.1	11.3	10.1	9.9	13.1	76.9	73.4	67.8	(X)
1983	100.0	7.2	12.2	6.0	6.8	5.5	16.8	12.4	9.6	9.8	13.6	77.6	74.6	69.5	(X)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, Nos. 311, 519, 917, and 949.

No. 28. Projections of the Total Population by Race, Sex, and Age: 1985 to 2000

[**In thousands.** As of **July 1.** Includes Armed Forces overseas. For explanation of assumptions for each series, see headnote, table 6. For explanation of methodology, see text, p. 2]

Race, sex, and age	Lowest series (series 19)			Middle series (series 14)			Highest series (series 9)		
	1985	1990	2000	1985	1990	2000	1985	1990	2000
Total population [1]	**237,605**	**245,753**	**256,098**	**238,631**	**249,657**	**267,955**	**239,959**	**254,122**	**281,542**
White	202,349	207,799	213,498	203,113	210,790	222,654	203,959	213,753	231,980
Male	98,825	101,518	104,369	99,192	102,979	108,879	99,616	104,460	113,536
Female	103,523	106,281	109,129	103,920	107,811	113,775	104,343	109,292	118,445
Black	28,922	30,836	33,957	29,074	31,412	35,753	29,231	31,974	37,602
Male	13,729	14,645	16,156	13,802	14,926	17,040	13,879	15,204	17,958
Female	15,194	16,191	17,802	15,273	16,485	18,714	15,352	16,769	19,644
Male	115,655	119,620	124,671	116,145	121,518	130,491	116,790	123,698	137,163
Under 5 years old	9,235	8,964	7,647	9,444	9,827	9,022	9,665	10,550	10,508
5–17 years old	22,633	22,745	22,989	22,691	23,082	25,458	22,799	23,549	27,842
18–24 years old	14,559	13,016	12,314	14,611	13,127	12,530	14,665	13,283	12,881
25–44 years old	36,592	40,320	39,517	36,691	40,624	40,250	36,891	41,188	41,581
45–64 years old	21,211	22,072	28,949	21,253	22,221	29,468	21,298	22,377	30,074
65 years old and over	11,424	12,503	13,255	11,456	12,637	13,762	11,472	12,751	14,277
Female	121,950	126,133	131,427	122,485	128,139	137,464	123,169	130,424	144,379
Under 5 years old	8,811	8,551	7,295	9,009	9,371	8,604	9,223	10,065	10,022
5–17 years old	21,639	21,741	21,962	21,695	22,056	24,305	21,797	22,506	26,592
18–24 years old	14,069	12,532	11,843	14,128	12,667	12,071	14,216	12,854	12,445
25–44 years old	36,984	40,397	39,051	37,102	40,753	39,908	37,305	41,370	41,397
45–64 years old	23,345	24,063	30,909	23,399	24,231	31,418	23,450	24,390	31,953
65 years old and over	17,104	18,850	20,366	17,152	19,061	21,158	17,178	19,238	21,969
Under 5 years old	18,046	17,515	14,942	18,453	19,198	17,626	18,888	20,615	20,530
5–17 years old	44,272	44,486	44,951	44,385	45,139	49,763	44,597	46,055	54,434
18–24 years old	28,628	25,547	24,157	28,739	25,794	24,601	28,881	26,137	25,326
25–44 years old	73,575	80,717	78,568	73,792	81,376	80,158	74,196	82,558	82,978
45–64 years old	44,555	46,136	59,859	44,652	46,453	60,886	44,748	46,767	62,025
65 years old and over	28,528	31,353	33,621	28,608	31,697	34,921	28,650	31,989	36,246
16 years old and over	182,489	190,198	203,526	183,016	191,819	208,185	183,731	194,035	214,597
18 years old and over	175,286	183,753	196,205	175,792	185,321	200,566	176,473	187,451	206,578

[1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 952.

No. 29. Resident Population, by Sex, Race, Residence, and Median Age: 1790 to 1983

[**In thousands, except as indicated.** Excludes Armed Forces abroad. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series A 73-81 and A 143-149]

Date	Sex		Race				Residence [1]		Median age (years)		
	Male	Female	White	Black		Other	Urban	Rural	All races	White	Black
				Number	Percent						
CONTERMINOUS U.S. [2]											
1790 (Aug. 2)	(NA)	(NA)	3,172	757	19.3	(NA)	202	3,728	(NA)	(NA)	(NA)
1800 (Aug. 4)	(NA)	(NA)	4,306	1,002	18.9	(NA)	322	4,986	(NA)	16.0	(NA)
1810 (Aug. 6)	(NA)	(NA)	5,862	1,378	19.0	(NA)	525	6,714	(NA)	16.0	(NA)
1820 (Aug. 7)	4,897	4,742	7,867	1,772	18.4	(NA)	693	8,945	16.7	16.5	17.2
1830 (June 1)	6,532	6,334	10,537	2,329	18.1	(NA)	1,127	11,739	17.2	17.2	16.9
1840 (June 1)	8,689	8,381	14,196	2,874	16.8	(NA)	1,845	15,224	17.8	17.9	17.3
1850 (June 1)	11,838	11,354	19,553	3,639	15.7	(NA)	3,544	19,648	18.9	19.2	17.3
1860 (June 1)	16,085	15,358	26,923	4,442	14.1	79	6,217	25,227	19.4	19.7	17.7
1870 (June 1)	19,494	19,065	33,589	4,880	12.7	89	9,902	28,656	20.2	20.4	18.5
1880 (June 1)	25,519	24,637	43,403	6,581	13.1	172	14,130	36,026	20.9	21.4	18.0
1890 (June 1)	32,237	30,711	55,101	7,489	11.9	358	22,106	40,841	22.0	22.5	17.8
1900 (June 1)	38,816	37,178	66,809	8,834	11.6	351	30,160	45,835	22.9	23.4	19.4
1910 (Apr. 15)	47,332	44,640	81,732	9,828	10.7	413	41,999	49,973	24.1	24.5	20.8
1920 (Jan. 1)	53,900	51,810	94,821	10,463	9.9	427	54,158	51,553	25.3	25.6	22.3
1930 (Apr. 1)	62,137	60,638	110,287	11,891	9.7	597	68,955	53,820	26.4	26.9	23.5
1940 (Apr. 1)	66,062	65,608	118,215	12,866	9.8	589	74,424	57,246	29.0	29.5	25.3
1950 (Apr. 1)	74,833	75,864	134,942	15,042	10.0	713	96,468	54,230	30.2	30.8	26.2
UNITED STATES											
1950 (Apr. 1)	75,187	76,139	135,150	15,045	9.9	1,131	96,847	54,479	30.2	30.7	26.2
1960 (Apr. 1)	88,331	90,992	158,832	18,872	10.5	1,620	125,269	54,054	29.5	30.3	23.5
1970 (Apr. 1) [3]	98,926	104,309	178,098	22,581	11.1	2,557	149,325	53,887	28.0	28.9	22.4
1980 (Apr. 1) [4]	110,053	116,493	194,713	26,683	11.8	5,150	167,051	59,495	30.0	30.9	24.9
1981 (July 1) [5]	111,531	117,987	196,622	27,216	11.9	5,680	(NA)	(NA)	30.3	31.2	25.2
1982 (July 1) [5]	112,632	119,153	198,077	27,652	11.9	6,057	(NA)	(NA)	30.6	31.5	25.5
1983 (July 1) [5]	113,714	120,267	199,520	28,092	12.0	6,369	(NA)	(NA)	30.9	31.8	25.8

NA Not available. [1] Beginning 1950, current definition. For explanation of change, see text, p. 3. [2] Excludes Alaska and Hawaii. [3] The revised 1970 resident population count is 203,302,031; which incorporates changes due to errors found after tabulations were completed. The race and sex data shown here reflect the official 1970 census count while the residence data come from the tabulated count. See text, p.1. [4] The race data shown for April 1, 1980 have been modified. See text, p. 3 for explanation. [5] Estimated.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930,* vol. II; *1940,* vol. II, part 1, and vol. IV, part 1; *1950,* vol. II, part 1; *1960,* vol. I; *1970,* vol. I, part B; and *Current Population Reports,* series P-25, No. 949.

No. 30. Resident Population, by Age, Sex, and Race: 1970 to 1980

[In thousands, except as indicated. 1970 and 1980 data based on enumerated population as of **April 1**. **1983** based on estimated population as of **July 1**. Excludes Armed Forces overseas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A119-134]

YEAR, SEX, AND RACE	Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-74 years	75 years and over	5-13 years	14-17 years	18-24 years	16 years and over	18 years and over	Median age (yr.)
1970, total [1] [2]	**203,235**	**17,163**	**19,969**	**20,804**	**19,084**	**16,383**	**13,486**	**11,437**	**11,113**	**11,988**	**12,124**	**11,111**	**9,979**	**8,623**	**12,443**	**7,530**	**36,675**	**15,851**	**23,714**	**141,268**	**133,546**	**28.0**
Male	98,926	8,750	10,175	10,598	9,641	7,925	6,626	5,599	5,416	5,823	5,855	5,351	4,769	4,030	5,440	2,927	18,687	8,069	11,583	67,347	63,419	26.8
Female	104,309	8,413	9,794	10,206	9,443	8,458	6,859	5,838	5,697	6,166	6,269	5,759	5,210	4,593	7,002	4,603	17,987	7,782	12,131	73,920	70,127	29.3
White	178,098	14,464	16,941	17,724	16,412	14,327	11,850	10,000	9,749	10,633	10,868	10,019	9,021	7,818	11,300	6,972	31,171	13,579	20,655	125,520	118,884	28.9
Male	86,906	7,396	8,656	9,056	8,314	6,966	5,869	4,942	4,798	5,207	5,270	4,842	4,319	3,655	4,925	2,690	15,929	6,931	10,133	60,034	56,650	27.6
Female	91,192	7,068	8,285	8,667	8,098	7,361	5,980	5,058	4,951	5,426	5,598	5,178	4,702	4,163	6,374	4,283	15,242	6,648	10,521	65,486	62,234	30.1
Black	22,581	2,434	2,749	2,812	2,425	1,816	1,429	1,254	1,196	1,199	1,124	990	874	734	1,043	501	5,009	2,073	2,721	14,053	13,065	22.4
Male	10,749	1,220	1,378	1,408	1,203	841	658	568	541	544	520	459	405	335	461	207	2,510	1,038	1,282	6,476	5,981	21.0
Female	11,832	1,214	1,371	1,404	1,222	975	771	685	656	655	603	531	469	400	582	293	2,499	1,035	1,438	7,577	7,084	23.6
1980, total [1]	**226,546**	**16,348**	**16,700**	**18,242**	**21,168**	**21,319**	**19,521**	**17,561**	**13,965**	**11,669**	**11,090**	**11,710**	**11,615**	**10,088**	**15,581**	**9,969**	**31,159**	**16,247**	**30,022**	**171,196**	**162,791**	**30.0**
Male	110,053	8,362	8,539	9,316	10,755	10,663	9,705	8,677	6,862	5,708	5,388	5,621	5,482	4,670	6,757	3,548	15,923	8,298	15,054	81,766	77,471	28.8
Female	116,493	7,986	8,161	8,926	10,413	10,655	9,816	8,884	7,104	5,961	5,702	6,089	6,133	5,418	8,824	6,420	15,237	7,950	14,969	89,429	85,320	31.3
White [3]	194,713	13,414	13,717	15,095	17,681	18,072	16,658	15,157	12,122	10,110	9,693	10,360	10,394	9,078	14,045	9,117	25,691	13,492	25,381	149,121	142,116	30.9
Male [3]	94,924	6,882	7,034	7,730	9,008	9,102	8,363	7,565	6,014	4,991	4,755	5,016	4,928	4,221	6,095	3,221	13,165	6,906	12,803	71,559	67,972	29.6
Female [3]	99,788	6,532	6,683	7,365	8,673	8,970	8,295	7,592	6,108	5,119	4,938	5,344	5,466	4,858	7,950	5,896	12,526	6,586	12,579	77,562	74,144	32.2
Black [3]	26,683	2,459	2,509	2,691	3,007	2,749	2,342	1,904	1,469	1,260	1,150	1,135	1,041	874	1,344	748	4,629	2,380	3,948	18,425	17,216	24.9
Male [3]	12,612	1,240	1,265	1,353	1,500	1,313	1,095	879	667	571	519	507	469	386	567	281	2,330	1,198	1,903	8,454	7,844	23.6
Female [3]	14,071	1,220	1,245	1,338	1,506	1,436	1,247	1,025	801	689	632	628	573	488	777	467	2,298	1,181	2,045	9,971	9,372	26.2
1983, total [1]	**233,981**	**17,826**	**15,981**	**17,781**	**19,171**	**21,713**	**21,101**	**19,045**	**16,255**	**13,168**	**11,184**	**11,152**	**11,474**	**10,745**	**16,362**	**11,021**	**30,116**	**14,633**	**29,897**	**178,832**	**171,406**	**30.9**
Male	113,714	9,121	8,174	9,091	9,767	10,933	10,539	9,445	8,012	6,453	5,443	5,367	5,410	4,969	7,105	3,887	15,403	7,468	15,093	85,510	81,722	29.6
Female	120,267	8,705	7,807	8,690	9,404	10,780	10,562	9,600	8,243	6,716	5,741	5,785	6,064	5,777	9,257	7,135	14,713	7,165	14,804	93,322	89,684	32.2
White	199,520	14,361	13,056	14,599	15,805	18,157	17,838	16,179	14,057	11,396	9,696	9,788	10,190	9,627	14,740	10,032	24,649	12,044	24,923	154,574	148,466	31.8
Male	97,302	7,370	6,696	7,482	8,070	9,181	8,984	8,106	6,998	5,639	4,765	4,758	4,845	4,474	6,422	3,512	12,640	6,161	12,628	74,253	71,130	30.5
Female	102,218	6,991	6,360	7,117	7,735	8,976	8,854	8,073	7,059	5,757	4,931	5,029	5,346	5,153	8,318	6,520	12,009	5,883	12,295	80,321	77,336	33.1
Black	28,092	2,816	2,385	2,632	2,831	2,961	2,629	2,237	1,696	1,390	1,186	1,109	1,059	935	1,378	848	4,484	2,167	4,158	19,734	18,625	25.8
Male	13,290	1,421	1,203	1,326	1,419	1,450	1,247	1,041	775	628	533	492	465	410	570	311	2,261	1,088	2,049	9,077	8,520	24.4
Female	14,801	1,395	1,182	1,306	1,412	1,511	1,383	1,196	920	762	653	616	595	525	808	537	2,223	1,079	2,109	10,657	10,105	27.2
Percent:																						
1970	100.0	8.4	9.8	10.2	9.4	8.1	6.6	5.6	5.5	5.9	6.0	5.5	4.9	4.2	6.1	3.7	18.0	7.8	11.7	69.5	65.7	(X)
1980	100.0	7.2	7.4	8.1	9.3	9.4	8.6	7.8	6.2	5.2	4.9	5.2	5.1	4.5	6.9	4.4	13.8	7.2	13.3	75.6	71.9	(X)
1983, total [1]	**100.0**	**7.6**	**6.8**	**7.6**	**8.2**	**9.3**	**9.0**	**8.1**	**6.9**	**5.6**	**4.8**	**4.8**	**4.9**	**4.6**	**7.0**	**4.7**	**12.9**	**6.3**	**12.8**	**76.4**	**73.3**	**(X)**
Male	100.0	8.0	7.2	8.0	8.6	9.6	9.3	8.3	7.0	5.7	4.8	4.7	4.8	4.4	6.2	3.4	13.5	6.6	13.3	75.2	71.9	(X)
Female	100.0	7.2	6.5	7.2	7.8	9.0	8.8	8.0	6.9	5.6	4.8	4.8	5.0	4.8	7.7	5.9	12.2	6.0	12.3	77.5	74.4	(X)
White	100.0	7.2	6.5	7.3	7.9	9.1	8.9	8.1	7.0	5.7	4.9	4.9	5.1	4.8	7.4	5.0	12.4	6.0	12.5	77.5	74.4	(X)
Black	100.0	10.0	8.5	9.4	10.1	10.5	9.4	8.0	6.0	4.9	4.2	3.9	3.8	3.3	4.9	3.0	16.0	7.7	14.8	70.2	66.3	(X)

X Not applicable. [1] Includes other races, not shown separately. [2] The 1970 resident population count is 203,302,031; the difference of 66,733 is due to errors found after tabulations were completed. [3] The race data shown for April 1, 1980 have been modified. See text, p. 3 for explanation.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; and *Current Population Reports*, series P-25, No. 949.

No. 31. Resident Population, by Age, 1975 to 1983, and by State, 1983

[**In thousands, except percent.** As of **July 1.** For composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series A 204-209 for decennial census data]

YEAR, REGION, DIVISION, AND STATE	Total	Under 5 years	5-13 years	14-17 years	18-24 years	25-34 years	35-44 years	45-64 years	65 years and over	18 years and over	PERCENT		
											Under 5 years	5 to 17 years	65 years and over
1975	215,465	16,121	33,919	17,125	27,735	31,314	22,760	43,794	22,696	148,300	7.5	23.7	10.5
1980	227,236	16,459	31,084	16,139	30,100	37,426	25,824	44,491	25,713	163,555	7.2	20.8	11.3
1981	229,518	16,949	30,682	15,577	30,225	38,860	26,476	44,492	26,256	166,310	7.4	20.2	11.4
1982	231,786	17,377	30,458	14,976	30,151	39,379	28,113	44,505	26,826	168,975	7.5	19.6	11.6
1983, U.S.	**233,981**	**17,826**	**30,116**	**14,633**	**29,897**	**40,146**	**29,424**	**44,555**	**27,384**	**171,406**	**7.6**	**19.1**	**11.7**
Regions:													
Northeast	49,519	3,257	5,893	3,148	6,164	8,120	6,297	10,238	6,402	37,221	6.6	18.3	12.9
Midwest	58,953	4,566	7,761	3,731	7,568	10,019	7,143	11,077	7,085	42,895	7.7	19.5	12.0
South	79,539	6,154	10,540	5,021	10,266	13,505	9,950	14,930	9,172	57,823	7.7	19.6	11.5
West	45,970	3,849	5,921	2,733	5,900	8,503	6,033	8,307	4,725	33,467	8.4	18.8	10.3
N. Eng	**12,489**	**802**	**1,460**	**801**	**1,633**	**2,114**	**1,598**	**2,464**	**1,618**	**9,427**	**6.4**	**18.1**	**13.0**
ME	1,146	82	149	76	142	187	142	220	149	838	7.2	19.6	13.0
NH	959	68	121	62	124	168	129	176	111	708	7.1	19.1	11.6
VT	525	39	67	33	71	93	69	91	62	385	7.4	19.2	11.7
MA	5,767	359	651	367	783	992	724	1,127	763	4,389	6.2	17.7	13.2
RI	955	60	108	60	128	156	114	194	135	728	6.3	17.5	14.1
CT	3,138	193	363	203	386	518	421	655	398	2,378	6.2	18.0	12.7
Mid. Atl	**37,029**	**2,455**	**4,433**	**2,347**	**4,531**	**6,005**	**4,699**	**7,775**	**4,784**	**27,794**	**6.6**	**18.3**	**12.9**
NY	17,667	1,182	2,115	1,124	2,194	2,881	2,287	3,661	2,223	13,246	6.7	18.3	12.6
NJ	7,468	486	902	482	892	1,201	991	1,591	922	5,598	6.5	18.5	12.3
PA	11,895	788	1,416	741	1,445	1,923	1,420	2,523	1,639	8,950	6.6	18.1	13.8
E. No. Cent	**41,531**	**3,171**	**5,506**	**2,668**	**5,344**	**7,093**	**5,089**	**7,872**	**4,787**	**30,186**	**7.6**	**19.7**	**11.5**
OH	10,746	808	1,418	684	1,353	1,815	1,312	2,106	1,250	7,836	7.5	19.6	11.6
IN	5,479	420	750	352	711	922	672	1,029	624	3,957	7.7	20.1	11.4
IL	11,486	896	1,494	718	1,465	1,964	1,427	2,192	1,331	8,378	7.8	19.3	11.6
MI	9,069	682	1,229	606	1,190	1,584	1,115	1,679	983	6,552	7.5	20.2	10.8
WI	4,751	364	615	309	626	808	562	867	600	3,463	7.7	19.4	12.6
W. No. Cent	**17,422**	**1,395**	**2,255**	**1,063**	**2,224**	**2,925**	**2,054**	**3,205**	**2,298**	**12,709**	**8.0**	**19.0**	**13.2**
MN	4,144	336	532	260	545	730	507	726	508	3,016	8.1	19.1	12.3
IA	2,905	226	379	181	358	482	333	542	404	2,118	7.8	19.3	13.9
MO	4,970	377	633	301	629	805	599	952	674	3,659	7.6	18.8	13.6
ND	680	61	93	42	89	118	74	118	85	485	9.0	19.8	12.5
SD	700	64	97	43	88	111	74	127	95	496	9.1	20.0	13.6
NE	1,597	133	213	96	202	268	184	289	213	1,156	8.3	19.3	13.3
KS	2,425	199	309	139	313	411	283	453	319	1,778	8.2	18.5	13.2
So Atl	**38,805**	**2,724**	**4,825**	**2,401**	**4,996**	**6,539**	**4,953**	**7,570**	**4,797**	**28,855**	**7.0**	**18.6**	**12.4**
DE	606	43	74	38	86	103	76	119	65	451	7.1	18.5	10.8
MD	4,304	298	514	281	578	761	597	842	434	3,212	6.9	18.5	10.1
DC	623	41	61	33	90	122	84	119	74	488	6.5	15.1	11.8
VA	5,550	389	687	348	768	987	763	1,054	554	4,126	7.0	18.7	10.0
WV	1,965	143	272	125	223	326	236	389	251	1,425	7.3	20.2	12.8
NC	6,082	421	791	388	819	1,042	780	1,174	667	4,481	6.9	19.4	11.0
SC	3,264	254	456	217	449	566	410	591	321	2,337	7.8	20.6	9.8
GA	5,732	446	797	380	768	1,000	757	1,021	563	4,110	7.8	20.5	9.8
FL	10,680	691	1,173	591	1,215	1,632	1,251	2,260	1,867	8,225	6.5	16.5	17.5
E. So. Cent	**14,946**	**1,148**	**2,075**	**978**	**1,909**	**2,466**	**1,829**	**2,784**	**1,757**	**10,745**	**7.7**	**20.4**	**11.8**
KY	3,714	286	513	239	480	625	456	684	431	2,676	7.7	20.3	11.6
TN	4,685	334	618	296	589	789	604	901	554	3,437	7.1	19.5	11.8
AL	3,959	302	551	261	504	647	477	748	469	2,845	7.6	20.5	11.9
MS	2,587	226	392	181	336	405	292	451	303	1,787	8.8	22.2	11.7
W. So. Cent	**25,788**	**2,282**	**3,641**	**1,642**	**3,361**	**4,499**	**3,168**	**4,576**	**2,618**	**18,223**	**8.9**	**20.5**	**10.2**
AR	2,328	179	322	149	275	357	280	437	329	1,677	7.7	20.2	14.1
LA	4,438	407	644	304	598	767	524	767	426	3,082	9.2	21.4	9.6
OK	3,298	280	443	195	416	550	403	618	393	2,380	8.5	19.3	11.9
TX	15,724	1,415	2,232	994	2,072	2,826	1,962	2,753	1,470	11,083	9.0	20.5	9.4
Mt	**12,331**	**1,148**	**1,747**	**764**	**1,577**	**2,242**	**1,545**	**2,110**	**1,198**	**8,671**	**9.3**	**20.4**	**9.7**
MT	817	71	112	51	98	144	101	147	93	583	8.7	20.0	11.4
ID	989	99	155	64	114	168	121	163	105	671	10.0	22.2	10.6
WY	514	53	76	31	63	103	65	83	40	355	10.3	20.8	7.9
CO	3,139	259	401	186	427	634	430	531	270	2,293	8.3	18.7	8.6
NM	1,399	133	204	93	165	239	171	244	130	969	9.5	21.3	9.3
AZ	2,963	254	397	183	371	509	357	537	356	2,129	8.6	19.6	12.0
UT	1,619	211	295	103	209	280	173	226	123	1,010	13.0	24.6	7.6
NV	891	69	107	53	111	165	126	179	81	662	7.7	18.0	9.1
Pac	**33,639**	**2,700**	**4,174**	**1,969**	**4,323**	**6,261**	**4,488**	**6,197**	**3,527**	**24,796**	**8.0**	**18.3**	**10.5**
WA	4,300	343	547	257	533	802	579	764	475	3,154	8.0	18.7	11.0
OR	2,662	209	343	156	300	492	356	472	333	1,953	7.9	18.8	12.5
CA	25,174	2,008	3,077	1,464	3,278	4,672	3,349	4,710	2,615	18,624	8.0	18.0	10.4
AK	479	52	72	30	70	105	71	66	14	325	10.8	21.3	3.0
HI	1,023	89	135	61	142	190	133	185	89	739	8.7	19.1	8.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 944 and 951.

NO. 32. RATIO OF MALES TO FEMALES, BY AGE GROUP, 1910 TO 1983, AND BY RACE, 1983

[Represents number of males per 100 females. Total resident population]

AGE	1910 (Apr. 15)	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	1950 (Apr. 1)	1960 (Apr. 1)	1970 (Apr. 1)	1980 (Apr. 1)	1983 (July 1)		
									Total [1]	White	Black
All ages	**106.0**	**[2] 104.1**	**[2] 102.5**	**100.7**	**98.6**	**97.1**	**94.8**	**94.5**	**94.6**	**95.2**	**89.8**
Under 14 years	102.1	102.1	102.6	103.0	103.7	103.4	103.9	104.6	104.7	105.3	101.8
14-24 years	101.2	97.3	98.4	98.9	98.2	98.7	98.7	101.9	102.7	103.4	98.4
25-44 years	110.2	105.1	101.8	98.5	96.4	95.7	95.5	97.4	98.1	99.9	86.6
45-64 years	114.4	115.2	109.1	105.2	100.1	95.7	91.6	90.7	90.7	92.1	79.5
65 years and over	101.1	101.3	100.5	95.5	89.6	82.8	72.1	67.6	67.1	66.9	65.5

[1] Includes other races, not shown separately. [2] Includes "age not reported."

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930,* vol. II; *1940,* vol. II, part 1, and vol. IV, part 1; *1950,* vol. II, part 1; *1960,* vol. I, part 1; *1970,* vol. I, part B; and *Current Population Reports,* series P-25, No. 949.

NO. 33. PERSONS 65 YEARS OLD AND OVER—CHARACTERISTICS, BY SEX: 1960 TO 1983

CHARACTERISTIC	1960		1970		1975		1980		1983	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total [1] [2] (million)	**7.5**	**9.0**	**8.3**	**11.5**	**8.7**	**12.4**	**9.9**	**14.2**	**10.5**	**15.2**
Percent of total population	8.6	9.9	8.5	11.1	8.6	11.5	9.2	12.4	9.5	12.9
White [1] (million)	6.9	8.4	7.6	10.6	7.9	11.3	9.0	12.9	9.5	13.8
Black [1] (million)	.5	.6	.7	.9	.8	1.1	.8	1.2	.8	1.3
Age: [3]										
65-69 years (percent)	3.3	3.7	3.2	3.7	3.5	4.1	3.5	4.2	3.5	4.2
70-74 years (percent)	2.5	2.8	2.3	3.0	2.4	3.0	2.6	3.4	2.7	3.5
75-79 years (percent)	1.6	1.9	1.6	2.2	1.5	2.2	1.7	2.5	1.8	2.7
80 years and over (percent)	1.2	1.6	1.4	2.3	1.5	2.7	1.6	3.0	1.6	3.3
Median income: [1] [4]										
Family householders (dollars)	2,831		4,779	4,986	7,469	7,722	11,331	11,256	16,457	14,002
Unrelated individuals (dollars)	1,006		2,191	1,777	3,410	2,901	5,188	4,537	7,576	6,128
Percent below poverty level: [1] [5]										
Family householders	29.7	31.5	16.6	23.5	7.9	12.3	8.4	13.0	8.1	15.5
Unrelated individuals	58.5	69.1	40.0	49.9	25.8	31.7	25.3	30.5	21.2	28.7
PERCENT DISTRIBUTION										
Marital status: [1]										
Single	7.3	8.5	7.5	7.7	4.7	5.8	4.9	5.9	4.8	5.4
Married	71.7	36.8	73.1	35.6	79.3	39.1	78.0	39.5	78.6	40.2
Spouse present	69.0	35.0	69.9	33.9	77.3	37.6	76.1	37.9	76.7	38.7
Spouse absent	2.7	1.8	3.2	1.7	2.0	1.5	1.9	1.7	1.9	1.5
Widowed	19.4	53.1	17.1	54.4	13.6	52.5	13.5	51.2	13.3	50.3
Divorced	1.7	1.5	2.3	2.3	2.5	2.6	3.6	3.4	3.3	4.1
Family status: [1]										
In families	82.3	67.7	79.2	58.5	83.3	59.3	83.0	56.8	82.4	56.9
Nonfamily householders	12.8	26.8	14.9	35.2	15.4	39.4	15.7	42.0	16.3	41.8
Secondary individuals	2.4	3.0	2.4	1.9	1.2	1.3	1.3	1.1	1.2	1.4
Residents of institutions [1]	2.5	2.4	3.6	4.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Living arrangements: [1]										
Living in household	97.4	97.0	95.5	95.0	99.8	99.8	99.9	99.7	99.7	99.5
Living alone	(NA)	(NA)	14.1	33.8	14.8	38.0	14.9	41.0	15.4	40.9
Spouse present [6]	73.2	36.9	69.9	33.9	77.3	37.6	76.1	37.9	76.7	38.7
Living with someone else	(NA)	(NA)	11.5	27.4	7.7	24.2	8.9	20.8	7.6	19.9
Not in household [1] [7]	2.6	3.0	4.5	5.0	.2	.2	.1	.3	.3	.5
Years of school completed:										
8 years or less	72.5	66.4	61.5	56.1	52.6	48.0	45.3	41.6	39.2	36.7
1-3 years of high school	10.4	12.8	12.6	13.9	14.0	15.5	15.5	16.7	15.5	16.6
4 years of high school	7.8	11.6	12.5	18.1	16.8	21.8	21.4	25.8	24.4	29.1
1-3 years of college	4.9	6.1	5.6	6.7	7.2	8.4	7.5	8.6	8.7	9.5
4 years or more of college	4.3	3.2	7.9	5.2	9.4	6.3	10.3	7.4	12.2	8.2
Labor force participation: [8]										
Employed	30.9	9.9	26.2	10.0	21.1	7.8	18.5	7.9	16.7	7.6
Unemployed	1.7	.4	1.0	.3	1.2	.4	.6	.3	.7	.3
Not in labor force	67.3	89.7	72.8	89.7	77.7	91.8	80.9	91.9	82.6	92.2

NA Not available. [1] Civilian population as of March. Beginning 1975, excludes institutional population. [2] Includes other races, not shown separately. [3] Estimated total resident population as of July 1. [4] Income for preceding year. For definition of median, see Guide to Tabular Presentation. [5] Poverty status based on income in preceding year. [6] For 1960, includes a small number of "spouse present" in group quarters. [7] In institutions and other group quarters. [8] Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 389 and earlier reports; series P-23, Nos. 57 and 59; series P-25, Nos. 917 and 949, and series P-60, Nos. 142 and 144 and earlier reports.

NO. 34. RESIDENT POPULATION, BY RACE AND SPANISH ORIGIN—STATES: 1980

[**In thousands.** As of **April 1.** For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series A199-201]

REGION, DIVISION, AND STATE	Total	White	Black	American Indian [1]	Chinese	Filipino	Japanese	Asian Indian	Korean	Vietnamese	All other races	Spanish origin [2]
U.S	**226,546**	**188,372**	**26,495**	**1,420.4**	**806.0**	**774.7**	**701.0**	**361.5**	**354.6**	**261.7**	**6,999.2**	**14,609**
Regions:												
Northeast	49,135	42,326	4,848	79.0	217.7	75.1	46.9	120.8	68.2	24.9	1,328.0	2,604
Midwest	58,866	52,195	5,337	248.4	72.9	80.0	44.5	85.2	62.2	36.7	704.0	1,277
South	75,372	58,960	14,048	372.2	90.6	82.6	44.7	83.6	70.4	80.3	1,539.9	4,474
West	43,172	34,890	2,262	720.7	424.8	537.0	564.9	72.0	153.8	120.0	3,427.4	6,254
N. Eng	**12,348**	**11,586**	**475**	**21.6**	**33.0**	**8.5**	**7.8**	**15.5**	**8.6**	**6.1**	**187.2**	**299**
ME	1,125	1,110	3	4.1	.5	.7	.3	.4	.5	.5	4.8	5
NH	921	910	4	1.4	.8	.3	.4	.6	.5	.2	2.3	6
VT	511	507	1	1.0	.3	.1	.2	.3	.3	.1	1.3	3
MA	5,737	5,363	221	7.7	25.0	3.1	4.5	8.4	4.7	3.2	96.4	141
RI	947	897	28	2.9	1.7	1.2	.5	.9	.6	.3	14.8	20
CT	3,108	2,799	217	4.5	4.7	3.1	1.9	5.0	2.1	1.8	67.6	124
Mid. Atl	**36,787**	**30,741**	**4,374**	**57.4**	**184.8**	**66.6**	**39.1**	**105.2**	**59.5**	**18.8**	**1,140.8**	**2,305**
NY	17,558	13,961	2,402	39.6	148.1	34.0	24.5	60.5	34.2	6.6	847.7	1,659
NJ	7,365	6,127	925	8.4	23.4	24.4	9.9	29.5	12.8	2.9	201.0	492
PA	11,864	10,652	1,047	9.5	13.3	8.3	4.7	15.2	12.5	9.3	92.1	154
E. No. Cent	**41,682**	**36,150**	**4,549**	**105.9**	**57.6**	**68.8**	**34.5**	**71.5**	**45.9**	**19.3**	**579.7**	**1,068**
OH	10,798	9,597	1,077	12.2	9.9	7.4	5.5	13.1	7.3	3.5	64.5	120
IN	5,490	5,004	415	7.8	4.0	3.6	2.4	4.3	3.3	2.3	43.3	87
IL	11,427	9,233	1,675	16.3	28.6	43.9	18.6	35.7	24.0	7.0	343.7	636
MI	9,262	7,872	1,199	40.0	11.0	11.2	5.9	14.7	8.7	4.2	95.1	162
WI	4,706	4,443	183	29.5	4.1	2.7	2.2	3.7	2.6	2.2	33.1	63
W. No. Cent	**17,183**	**16,044**	**789**	**142.5**	**15.3**	**11.2**	**9.9**	**13.7**	**16.3**	**17.3**	**124.3**	**209**
MN	4,076	3,936	53	35.0	4.8	2.7	2.8	3.7	6.3	5.9	25.7	32
IA	2,914	2,839	42	5.5	2.1	1.2	1.0	2.1	2.3	2.5	16.2	26
MO	4,917	4,346	514	12.3	4.3	4.0	2.6	4.1	3.5	3.2	22.8	52
ND	653	626	3	20.2	.3	.4	.2	.3	.3	.3	2.5	4
SD	691	640	2	45.0	.3	.3	.3	.2	.3	.4	2.3	4
NE	1,570	1,490	48	9.2	1.1	.9	1.4	.9	1.0	1.4	15.1	28
KS	2,364	2,168	126	15.4	2.4	1.7	1.6	2.4	2.6	3.7	39.6	63
So. Atl	**36,959**	**28,659**	**7,652**	**118.7**	**50.5**	**56.5**	**25.1**	**46.2**	**44.7**	**28.5**	**277.5**	**1,194**
DE	594	488	96	1.3	1.0	.8	.4	1.1	.5	.2	5.3	10
MD	4,217	3,159	958	8.0	14.5	11.0	4.8	13.7	15.1	4.1	28.8	65
DC	638	172	449	1.0	2.5	1.3	.8	1.0	.3	.5	10.3	18
VA	5,347	4,230	1,009	9.5	9.4	18.9	5.2	8.5	12.6	10.0	34.4	60
WV	1,950	1,875	65	1.6	.9	1.3	.4	1.6	.6	.3	3.2	13
NC	5,882	4,458	1,319	64.7	3.2	2.5	3.2	4.7	3.6	2.4	21.2	57
SC	3,122	2,147	949	5.8	1.4	3.7	1.4	2.2	1.4	1.1	9.1	33
GA	5,463	3,947	1,465	7.6	4.3	2.8	3.4	4.3	6.0	2.3	20.1	61
FL	9,746	8,185	1,343	19.3	13.4	14.2	5.6	9.1	4.7	7.6	145.2	858
E. So. Cent	**14,666**	**11,702**	**2,869**	**22.5**	**7.6**	**5.8**	**4.8**	**8.6**	**6.7**	**5.1**	**34.2**	**120**
KY	3,661	3,379	259	3.6	1.3	1.4	1.1	2.2	2.1	1.1	9.4	27
TN	4,591	3,835	726	5.1	2.9	1.9	1.7	3.2	2.2	1.4	11.3	34
AL	3,894	2,873	996	7.6	1.5	1.0	1.4	2.0	1.8	1.3	8.4	33
MS	2,521	1,615	887	6.2	1.8	1.4	.7	1.2	.6	1.3	5.1	25
W. So. Cent	**23,747**	**18,599**	**3,527**	**231.0**	**32.5**	**20.3**	**14.7**	**28.8**	**19.0**	**46.7**	**1,228.1**	**3,160**
AR	2,286	1,890	374	9.4	1.3	.9	.8	.8	.6	2.1	6.5	18
LA	4,206	2,912	1,238	12.1	3.3	2.6	1.5	2.9	1.7	10.9	20.5	99
OK	3,025	2,598	205	169.5	2.5	1.7	2.0	2.9	2.7	4.7	37.0	57
TX	14,229	11,198	1,710	40.1	25.5	15.1	10.5	22.2	14.0	29.1	1,164.1	2,986
Mt	**11,373**	**9,961**	**269**	**364.4**	**19.5**	**13.8**	**27.0**	**7.3**	**13.0**	**11.1**	**686.9**	**1,443**
MT	787	740	2	37.3	.3	.5	.8	.2	.3	.3	5.2	10
ID	944	902	3	10.5	.9	.7	2.6	.3	.6	.4	23.5	37
WY	470	446	3	7.1	.4	.3	.6	.2	.2	.2	10.8	24
CO	2,890	2,571	102	18.1	3.9	2.9	9.9	2.3	5.3	4.0	170.4	340
NM	1,303	978	24	106.1	1.4	1.2	1.3	.8	.7	1.0	188.7	477
AZ	2,718	2,241	75	152.7	6.8	3.3	4.1	2.1	2.4	1.9	229.0	441
UT	1,461	1,383	9	19.3	2.7	.9	5.5	.8	1.3	2.1	36.6	60
NV	800	700	51	13.3	3.0	4.1	2.3	.6	2.1	1.1	22.7	54
Pac	**31,800**	**24,929**	**1,993**	**356.4**	**405.3**	**523.2**	**538.0**	**64.7**	**140.9**	**108.8**	**2,740.5**	**4,811**
WA	4,132	3,779	106	60.8	18.1	24.4	26.4	4.0	13.1	9.8	90.8	120
OR	2,633	2,491	37	27.3	8.0	4.3	8.4	1.9	4.4	5.6	45.5	66
CA	23,668	18,031	1,819	201.4	322.3	357.5	261.8	57.9	103.8	89.6	2,423.4	4,544
AK	402	310	14	64.1	.5	3.1	1.6	.2	1.5	.4	7.0	10
HI	965	319	17	2.8	56.3	133.9	239.7	.6	18.0	3.5	173.8	71

[1] Includes Eskimo and Aleut. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter B (PC80-1-B).

NO. 35. SOCIAL AND ECONOMIC CHARACTERISTICS OF THE WHITE POPULATION: 1983

[See headnote, table 36]

CHARACTERISTIC	NUMBER (1,000)		PERCENT DISTRIBUTION		CHARACTERISTIC	NUMBER (1,000)		PERCENT DISTRIBUTION	
	Total	White	Total	White		Total	White	Total	White
Total persons	**229,587**	**196,036**	**100.0**	**100.0**	FAMILY TYPE				
Under 5 years	17,733	14,321	7.7	7.3	**Total families**	**61,393**	**53,407**	**100.0**	**100.0**
5-14 years	33,753	27,606	14.7	14.1	With own children [2]	30,818	26,006	50.2	48.7
15-44 years	108,173	91,886	47.1	46.9	Married couple	49,908	45,252	81.3	84.7
45-64 years	44,191	38,988	19.2	19.9	With own children [2]	24,363	21,701	39.7	40.6
65 years and over	25,737	23,234	11.2	11.9	Female householder [3]	9,469	6,507	15.4	12.2
YEARS OF SCHOOL COMPLETED					With own children [2]	5,718	3,707	9.3	6.9
					Male householder [3]	2,016	1,648	3.3	3.1
					With own children [2]	737	598	1.2	1.1
Persons 25 yr. and over	138,020	120,610	100.0	100.0	FAMILY INCOME, **1982**				
Elementary: 0-8 years	20,833	17,035	15.1	14.1					
High school:					**Total families**	**61,393**	**53,407**	**100.0**	**100.0**
1-3 years	17,681	14,593	12.8	12.1	Less than $5,000	3,684	2,482	6.0	4.6
4 years	52,060	46,370	37.7	38.4	$5,000-$9,999	6,521	4,962	10.6	9.3
College:					$10,000-$14,999	7,653	6,461	12.5	12.1
1-3 years	21,531	19,145	15.6	15.9	$15,000-$24,999	15,034	13,292	24.5	24.9
4 years or more	25,915	23,466	18.8	19.5	$25,000-$49,999	21,800	19,872	35.5	37.2
LABOR FORCE STATUS					$50,000 or more	6,703	6,334	10.9	11.9
					Median income (dol.) [4]	23,433	24,603	(x)	(x)
Civilians 16 yr. and over	174,215	150,805	100.0	100.0	Persons below poverty level [5]	34,398	23,517	15.0	12.0
Civilian labor force	111,550	97,021	64.0	64.3	HOUSING TENURE				
Employed	100,834	88,893	57.9	58.9					
Unemployed	10,717	8,128	6.2	5.4	**Total occupied units**	**83,918**	**73,182**	**100.0**	**100.0**
Unemployment rate [1]	9.6	8.4	(x)	(x)	Owner-occupied	54,494	49,484	64.9	67.6
Not in labor force	62,665	53,784	36.0	35.7	Renter-occupied	29,423	23,698	35.1	32.4

X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, p. 429.

NO. 36. SOCIAL AND ECONOMIC CHARACTERISTICS OF THE BLACK POPULATION: 1983

[As of **March**, except **labor force status, annual average.** Based on Current Population Survey, which covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, pp. 1 and 2, and Appendix III]

CHARACTERISTIC	NUMBER (1,000)		PERCENT DISTRIBUTION		CHARACTERISTIC	NUMBER (1,000)		PERCENT DISTRIBUTION	
	Total	Black	Total	Black		Total	Black	Total	Black
Total persons	**229,587**	**27,263**	**100.0**	**100.0**	FAMILY TYPE				
Age:					**Total families**	**61,393**	**6,530**	**100.0**	**100.0**
Under 5 years	17,733	2,820	7.7	10.3	With own children [2]	30,818	3,890	50.2	59.6
5-14 years	33,753	5,000	14.7	18.3	Married couple	49,908	3,486	81.3	53.4
15-44 years	108,173	13,100	47.1	48.1	With own children [2]	24,363	1,901	39.7	29.1
45-64 years	44,191	4,220	19.2	15.5	Female householder [3]	9,469	2,734	15.4	41.9
65 years and over	25,737	2,123	11.2	7.8	With own children [2]	5,718	1,862	9.3	28.5
YEARS OF SCHOOL COMPLETED					Male householder [3]	2,016	309	3.3	4.7
					With own children [2]	737	127	1.2	1.9
Persons 25 yr. and over	138,020	13,940	100.0	100.0	FAMILY INCOME, **1982**				
Elementary: 0-8 years	20,833	3,250	15.1	23.3					
High school:					**Total families**	**61,393**	**6,530**	**100.0**	**100.0**
1-3 years	17,681	2,770	12.8	19.9	Less than $5,000	3,684	1,113	6.0	17.0
4 years	52,060	4,722	37.7	33.9	$5,000-$9,999	6,521	1,363	10.6	20.9
College:					$10,000-$14,999	7,653	1,023	12.5	15.7
1-3 years	21,531	1,868	15.6	13.4	$15,000-$24,999	15,034	1,431	24.5	21.9
4 years or more	25,915	1,330	18.8	9.5	$25,000-$49,999	21,800	1,428	35.5	21.9
LABOR FORCE STATUS					$50,000 or more	6,703	173	10.9	2.6
					Median income (dol.) [4]	23,433	13,599	(x)	(x)
Civilians 16 yr. and over	174,215	18,925	100.0	100.0	Persons below poverty level [5]	34,398	9,697	15.0	35.6
Civilian labor force	111,550	11,647	64.0	61.5	HOUSING TENURE				
Employed	100,834	9,375	57.9	49.5					
Unemployed	10,717	2,272	6.2	12.0	**Total occupied units**	**83,918**	**8,916**	**100.0**	**100.0**
Unemployment rate [1]	9.6	19.5	(x)	(x)	Owner-occupied	54,494	4,043	64.9	45.3
Not in labor force	62,665	7,278	36.0	38.5	Renter-occupied	29,423	4,873	35.1	54.7

X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, p. 429.

Source of tables 35 and 36: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142, and P-20, No. 388 and unpublished data. Labor force data are published by U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1984.

NO. 37. SOCIAL AND ECONOMIC CHARACTERISTICS OF THE ASIAN AND PACIFIC ISLANDER POPULATION: 1980

[As of **April 1.** Based on a sample from the 1980 Census of Population and Housing, see text, p. 1; and Appendix III]

CHARACTERISTIC	NUMBER (1,000)		PERCENT DISTRIBUTION	
	All races	Asian, Pacific Islander	All races	Asian, Pacific Islander
Total persons	**226,546**	**3,726**	**100.0**	**100.0**
Under 5 years	16,298	320	7.2	8.6
5–14 years	34,940	625	15.4	16.8
15–44 years	105,291	1,976	46.5	53.0
45–64 years	44,518	584	19.7	15.7
65 years and over	25,498	222	11.3	5.9
YEARS OF SCHOOL COMPLETED				
Persons 25 yr. and over	132,836	2,137	100.0	100.0
Elementary: 0–8 years	24,258	351	18.3	16.4
High school: 1–3 years	20,278	187	15.3	8.8
4 years	45,947	527	34.6	24.7
College: 1–3 years	20,795	368	15.7	17.2
4 years or more	21,558	704	16.2	32.9
LABOR FORCE STATUS				
Persons 16 yr. and over	171,214	2,722	100.0	100.0
In labor force	106,085	1,813	62.0	66.6
Armed Forces	1,635	40	1.0	1.5
Civilian labor force	104,450	1,773	61.0	65.1
Employed	97,639	1,689	57.0	62.1
Unemployed	6,810	84	4.0	3.1
Unemployment rate [1]	6.5	4.7	(X)	(X)
Not in labor force	65,130	909	38.0	33.4
FAMILY TYPE				
Total families	**59,190**	**818**	**100.0**	**100.0**
With own children [2]	30,472	507	51.5	62.0
Married couple	48,990	691	82.8	84.4
With own children [2]	24,780	449	41.9	54.9
Female householder [3]	8,205	88	13.9	10.8
With own children [2]	4,932	48	8.3	5.9
Male householder [3]	1,995	39	3.4	4.8
With own children [2]	760	10	1.3	1.2
INCOME, 1979				
Total families	59,190	818	100.0	100.0
Less than $5,000	4,344	62	7.3	7.6
$5,000–$9,999	7,746	86	13.1	10.5
$10,000–$14,999	8,709	98	14.7	11.9
$15,000–$24,999	17,424	208	29.4	25.4
$25,000–$49,999	17,635	290	29.8	35.5
$50,000 or more	3,332	74	5.6	9.1
Median income (dol.) [4]	19,917	22,713	(X)	(X)
Persons below poverty level [5]	27,393	476	12.4	13.1
HOUSING TENURE				
Total occupied units	80,390	1,053	100.0	100.0
Owner-occupied	51,796	542	64.4	51.4
Renter-occupied	28,593	511	35.6	48.6

X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, p. 429.

NO. 38. SOCIAL AND ECONOMIC CHARACTERISTICS OF THE AMERICAN INDIAN, ESKIMO, AND ALEUT POPULATION: 1980

[See headnote, table 37]

CHARACTERISTIC	NUMBER (1,000)		PERCENT DISTRIBUTION	
	All races	American Indian, Eskimo, Aleut	All races	American Indian, Eskimo, Aleut
Total persons	**226,546**	**1,534**	**100.0**	**100.0**
Under 5 years	16,298	155	7.2	10.1
5–14 years	34,940	320	15.4	20.8
15–44 years	105,291	774	46.5	50.4
45–64 years	44,518	206	19.7	13.4
65 years and over	25,498	80	11.3	5.2
YEARS OF SCHOOL COMPLETED				
Persons 25 yr. and over	132,836	715	100.0	100.0
Elementary: 0–8 years	24,258	179	18.3	25.0
High school: 1–3 years	20,278	140	15.3	19.5
4 years	45,947	224	34.6	31.3
College: 1–3 years	20,795	118	15.7	16.5
4 years or more	21,558	55	16.2	7.7
LABOR FORCE STATUS				
Persons 16 yr. and over	171,214	1,022	100.0	100.0
In labor force	106,085	599	62.0	58.6
Armed Forces	1,635	14	1.0	1.4
Civilian labor force	104,450	584	61.0	57.2
Employed	97,639	508	57.0	49.6
Unemployed	6,810	77	4.0	7.5
Unemployment rate [1]	6.5	13.2	(X)	(X)
Not in labor force	65,130	424	38.0	41.4
FAMILY TYPE				
Total families	**59,190**	**341**	**100.0**	**100.0**
With own children [2]	30,472	226	51.5	66.1
Married couple	48,990	245	82.8	71.8
With own children [2]	24,780	161	41.9	47.2
Female householder [3]	8,205	77	13.9	22.7
With own children [2]	4,932	55	8.3	16.0
Male householder [3]	1,995	19	3.4	5.5
With own children [2]	760	10	1.3	2.9
INCOME, 1979				
Total families	59,190	341	100.0	100.0
Less than $5,000	4,344	55	7.3	16.0
$5,000–$9,999	7,746	70	13.1	20.4
$10,000–$14,999	8,709	60	14.7	17.6
$15,000–$24,999	17,424	88	29.4	25.7
$25,000–$49,999	17,635	62	29.8	18.1
$50,000 or more	3,332	8	5.6	2.3
Median income (dol.) [4]	19,917	13,724	(X)	(X)
Persons below poverty level [5]	27,393	408	12.4	27.5
HOUSING TENURE				
Total occupied units	80,390	444	100.0	100.0
Owner-occupied	51,796	233	64.4	52.5
Renter-occupied	28,593	211	35.6	47.5

X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, p. 429.

Source of tables 37 and 38: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C) and *1980 Census of Housing*, vol. 1, chapter B (HC80-1-B).

NO. 39. SPANISH-ORIGIN POPULATION, BY AGE AND SEX: 1980

[In thousands, except percent. As of April 1. Persons of Spanish origin may be of any race]

ITEM	Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65 years and over
Total	**14,609**	**1,663**	**1,537**	**1,475**	**1,606**	**1,586**	**1,376**	**1,129**	**854**	**712**	**622**	**564**	**454**	**321**	**709**
Male	7,280	848	783	747	827	819	697	558	416	345	300	270	217	147	305
Female	7,329	815	754	728	780	767	679	570	438	367	321	294	237	174	404
PERCENT DISTRIBUTION															
Total	**100.0**	**11.4**	**10.5**	**10.1**	**11.0**	**10.9**	**9.4**	**7.7**	**5.8**	**4.9**	**4.3**	**3.9**	**3.1**	**2.2**	**4.9**
Male	100.0	11.6	10.8	10.3	11.4	11.3	9.6	7.7	5.7	4.7	4.1	3.7	3.0	2.0	4.2
Female	100.0	11.1	10.3	9.9	10.6	10.5	9.3	7.8	6.0	5.0	4.4	4.0	3.2	2.4	5.5

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter B (PC80-1-B).

NO. 40. SOCIAL AND ECONOMIC CHARACTERISTICS OF THE SPANISH-ORIGIN POPULATION: 1983

[As of **March**. Persons of Spanish origin may be of any race. Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, pp. 1 and 2, and Appendix III]

CHARACTERISTIC	NUMBER (1,000)					PERCENT DISTRIBUTION				
	All persons	Persons of Spanish origin				All persons	Persons of Spanish origin			
		Total	Mexican	Puerto Rican	Other		Total	Mexican	Puerto Rican	Other
Persons under 5 years	17,733	1,601	1,116	233	252	7.7	11.1	12.4	11.6	7.4
Persons 18-64 years	141,329	8,261	4,981	1,128	2,153	61.6	57.4	55.3	56.0	63.6
Persons 65 years old and over	25,738	596	332	51	213	11.2	4.1	3.7	2.5	6.3
YEARS OF SCHOOL COMPLETED										
Persons 25 years old and over	138,020	6,885	4,038	905	1,942	100.0	100.0	100.0	100.0	100.0
Elementary: 0-8 years	20,833	2,740	1,837	336	566	15.0	39.8	45.5	37.4	29.1
High school: 1-3 years	17,681	962	543	191	228	12.8	14.0	13.4	21.1	11.8
4 years	52,060	1,884	1,040	240	604	37.7	27.4	25.8	26.5	31.1
College: 1-3 years	21,531	751	388	75	287	15.6	10.9	9.6	8.3	14.8
4 years or more	25,915	547	229	61	257	18.8	7.9	5.7	6.8	13.2
LABOR FORCE STATUS										
Persons 16 years old and over	174,537	9,426	5,651	1,267	2,508	100.0	100.0	100.0	100.0	100.0
In civilian labor force	109,814	5,893	3,648	622	1,624	62.9	62.5	64.5	49.1	64.7
Employed	97,804	4,933	3,014	510	1,410	56.0	52.3	53.3	40.3	56.2
Unemployed	12,011	960	634	112	214	6.9	10.2	11.2	8.8	8.5
Unemployment rate [1]	10.9	16.3	17.4	18.0	13.2	(x)	(x)	(x)	(x)	(x)
FAMILY TYPE										
Total families	61,393	3,369	1,996	512	861	100.0	100.0	100.0	100.0	100.0
With own children [2]	30,818	2,306	1,426	378	502	50.2	68.4	71.4	73.8	58.3
Married couple	49,908	2,448	1,536	280	632	81.3	72.7	77.0	54.7	73.4
With own children [2]	24,364	1,694	1,136	188	370	39.7	50.3	56.9	36.7	43.0
Female householder [3]	9,469	767	368	208	191	15.4	22.8	18.4	40.6	22.2
With own children [2]	5,718	559	262	176	121	9.3	16.6	13.1	34.4	14.1
Male householder [3]	2,016	153	91	24	38	3.3	4.5	4.6	4.7	4.4
With own children [2]	737	53	28	14	11	1.2	1.6	1.4	2.7	1.3
FAMILY INCOME, 1982										
Total families	61,393	3,369	1,996	512	861	100.0	100.0	100.0	100.0	100.0
Less than $5,000	3,684	340	177	94	69	6.0	10.1	8.9	18.3	8.1
$5,000-$9,999	6,521	656	361	143	152	10.6	19.5	18.1	27.9	17.6
$10,000-$14,999	7,653	555	366	76	114	12.4	16.5	18.3	14.8	13.1
$15,000-$24,999	15,034	868	539	114	214	24.5	25.8	27.0	22.5	24.9
$25,000-$49,999	21,800	819	490	75	253	35.5	24.4	24.5	14.8	29.3
$50,000 or more	6,703	131	65	8	59	10.9	3.9	3.1	1.5	6.8
Median income (dol.) [4]	23,433	16,228	16,399	11,148	18,996	(x)	(x)	(x)	(x)	(x)
Persons below poverty level [5]	34,398	4,301	2,701	929	671	15.0	29.9	30.0	46.3	19.8
HOUSEHOLDS BY TENURE										
Total occupied units	83,918	4,085	(NA)	(NA)	(NA)	100.0	100.0	(NA)	(NA)	(NA)
Owner-occupied	54,494	1,684	(NA)	(NA)	(NA)	64.9	41.2	(NA)	(NA)	(NA)
Renter-occupied	29,423	2,402	(NA)	(NA)	(NA)	35.1	58.8	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] With no spouse present. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, p. 429.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388 and series P-60, No. 144; and unpublished data.

NO. 41. NATIVE POPULATION, BY PLACE OF BIRTH: 1900 TO 1980

[**In thousands, except percent.** 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 15-percent sample. See source for sampling variability. 1980 data are based on a sample from the 1980 census; see text, p. 1. See also *Historical Statistics, Colonial Times to 1970,* series C 1-10]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying areas [1]	Born abroad or at sea of American parents
			Number	Percent			
1900	65,653	51,902	13,501	20.6	180	3	67
1910	78,456	61,185	16,910	21.6	286	7	68
1920	91,790	71,071	20,274	22.1	314	38	93
1930	108,571	82,678	25,388	23.4	238	136	131
1940	120,074	92,610	26,906	22.4	280	157	122
1950	139,869	102,788	35,284	25.2	1,370	330	96
1960	169,588	119,293	44,691	26.4	4,541	660	402
1970	193,591	131,718	50,639	26.2	8,973	891	1,370
1980	212,466	144,871	65,452	30.8	(2)	1,088	1,055

[1] Through 1950, includes Alaska and Hawaii. Includes Puerto Rico, a U.S. possession from 1898 to 1952 and a commonwealth since 1952. [2] Place of birth was allocated to those who did not report.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. II, part 2A; *1970,* vol. I, parts C and D; *1980 Census of Population,* vol. 1, chapter C (PC80-1-C) and chapter D (PC80-1-D).

NO. 42. POPULATION BY SELECTED ANCESTRY GROUP AND REGION: 1980

[As of **April 1.** Covers persons who reported single and multiple ancestry groups. Persons who reported a multiple ancestry group may be included in more than one category. Major classifications of ancestry groups do not represent strict geographic or cultural definitions. The European ancestry groups shown are those with one million or more persons and other groups shown are those with 75,000 or more persons. Based on a sample and subject to sampling variability, see text, pp. 1 and 4 and Appendix III. For composition of regions, see fig. I, inside front cover]

ANCESTRY GROUP	Number (1,000)	PERCENT DISTRIBUTION, BY REGION			
		North-east	Mid-west	South	West
European: [1]					
English	49,598	16	23	40	21
German	49,224	19	41	22	18
Irish	40,166	24	26	32	18
French [2]	12,892	26	27	27	19
Italian	12,184	57	16	13	14
Scottish	10,049	19	23	35	24
Polish	8,228	41	38	11	10
Dutch	6,304	18	35	26	20
Swedish	4,345	15	43	12	31
Norwegian	3,454	7	55	7	31
Russian [3]	2,781	48	17	16	19
Czech [4]	1,892	18	49	18	15
Hungarian	1,777	39	33	13	14
Welsh	1,665	25	27	22	27
Danish	1,518	9	38	10	43
Portuguese	1,024	50	3	6	41
Other:					
Lebanese	295	31	27	26	16
Armenian	213	39	14	5	42
Iranian	123	17	15	26	42
Syrian	107	47	20	18	15
Arab/Arabian [5]	93	19	29	21	30
Afro-American	20,965	17	22	53	9

ANCESTRY GROUP	Number (1,000)	PERCENT DISTRIBUTION, BY REGION			
		North-east	Mid-west	South	West
Other—Con.					
African [5]	204	33	19	33	15
Chinese	894	25	9	12	55
Filipino	795	10	11	11	68
Japanese	791	7	8	9	77
Korean	377	18	18	20	43
Asian Indian	312	35	23	23	19
Vietnamese	215	9	14	33	44
Jamaican	253	70	6	18	5
Haitian	90	72	4	21	2
Mexican	7,693	1	9	35	55
Spanish/Hispanic [5]	2,687	23	8	26	43
Puerto Rican	1,444	73	11	8	7
Cuban	598	24	4	63	9
Dominican	171	91	1	6	2
Colombian	156	54	7	26	13
Spaniard	95	36	6	36	22
Ecuadoran	88	64	7	11	18
Salvadoran	85	13	3	9	75
Hawaiian	202	2	3	6	89
American Indian	6,716	9	24	44	24
French Canadian	780	47	23	13	17
Canadian	456	42	19	15	23

[1] Excludes Spaniard. [2] Excludes French Basque. [3] Represents persons who reported as "Russian", "Great Russian", "Georgian", and other related European or Asian groups. Excludes Ukrainian, Ruthenian, Belorussian and some other distinct ethnic groups. See source for further information. [4] Includes persons who reported as "Czech," "Bohemian," and "Moravian," as well as the general response of "Czechoslovakian." [5] Represents a general type of response which may encompass several ancestry groups.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report,* series PC80-S1-10.

No. 43. Current Languages Other Than English Spoken at Home: 1980

[As of **April 1.** Based on a sample and subject to sampling variability, see text, p. 1 and Appendix III]

CURRENT LANGUAGE SPOKEN	PERSONS 5 TO 17 YEARS OLD		PERSONS 18 YRS. OLD AND OVER		CURRENT LANGUAGE SPOKEN	PERSONS 5 TO 17 YEARS OLD		PERSONS 18 YRS. OLD AND OVER	
	Total (1,000)	Difficulty with English [1] (percent)	Total (1,000)	Difficulty with English [1] (percent)		Total (1,000)	Difficulty with English [1] (percent)	Total (1,000)	Difficulty with English [1] (percent)
Total persons	**47,494**	(X)	**162,753**	(X)	Chinese	114	20.9	516	31.6
Speaking a language other than English	4,568	14.0	18,492	19.4	Greek	66	5.2	336	17.0
Spanish	2,952	15.4	8,164	27.6	Philippine languages	63	8.9	411	9.4
Italian	147	5.4	1,471	14.0	Portuguese	68	10.3	284	31.6
French	223	6.8	1,328	7.2	Japanese	34	18.7	303	19.6
German	192	6.2	1,395	4.7	Korean	60	17.0	207	32.4
Polish	41	5.7	780	10.6	Vietnamese	64	36.0	130	38.7
					All other	544	12.3	3,167	11.2

X Not applicable. [1] Persons reported as speaking English "not well" or "not at all".

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C); and unpublished data

No. 44. Marital Status of the Population, by Sex: 1950 to 1983

[**In millions, except percent. 1950 and 1960, persons 14 years old and over; thereafter, 18 and over.** As of **March.** Prior to 1960, excludes Alaska and Hawaii. Based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, pp. 1 and 2. See *Historical Statistics, Colonial Times to 1970*, series A 160-171, for decennial data]

MARITAL STATUS AND SEX	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total	**111.7**	**125.5**	**121.8**	**132.5**	**143.2**	**148.3**	**150.7**	**153.3**	**159.5**	**162.1**	**164.7**	**167.1**
Single	25.5	27.7	18.2	21.4	25.1	27.5	29.1	30.6	32.3	33.2	34.4	35.9
Married	74.9	84.4	89.2	95.0	99.7	100.8	101.0	101.5	104.6	105.3	106.2	106.7
Widowed	9.3	10.6	10.9	11.8	11.9	11.9	12.0	12.4	12.7	12.8	12.7	12.8
Divorced	2.1	2.9	3.5	4.3	6.5	8.0	8.6	8.8	9.9	10.8	11.5	11.6
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	22.8	22.0	14.9	16.2	17.5	18.5	19.3	20.0	20.3	20.5	20.9	21.5
Married	67.0	67.3	73.2	71.7	69.6	68.0	67.0	66.2	65.5	64.9	64.5	63.9
Widowed	8.3	8.4	9.0	8.9	8.3	8.0	8.0	8.1	8.0	7.9	7.7	7.7
Divorced	1.9	2.3	2.9	3.2	4.6	5.4	5.7	5.8	6.2	6.7	7.0	6.9
Males, total	**54.8**	**60.6**	**58.0**	**62.5**	**67.9**	**70.3**	**71.5**	**72.7**	**75.7**	**76.9**	**78.1**	**79.3**
Single	14.3	15.4	10.3	11.8	14.1	15.4	16.1	17.0	18.0	18.4	19.1	19.9
Married	37.2	41.8	44.2	47.1	49.4	49.9	50.1	50.3	51.8	52.1	52.5	52.9
Widowed	2.3	2.3	2.1	2.1	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.9
Divorced	.9	1.1	1.4	1.6	2.5	3.2	3.4	3.5	3.9	4.4	4.6	4.6
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	26.2	25.3	17.7	18.9	20.8	21.9	22.5	23.3	23.8	23.9	24.5	25.1
Married	68.0	69.1	76.2	75.3	72.8	70.9	70.1	69.2	68.4	67.8	67.2	66.6
Widowed	4.2	3.7	3.7	3.3	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.4
Divorced	1.7	1.9	2.5	2.5	3.7	4.5	4.7	4.8	5.2	5.7	5.9	5.8
Percent standardized for age: [1]												
Single	26.2	25.3	16.4	16.5	16.6	17.2	17.9	18.6	18.7	18.9	19.5	20.1
Married	67.4	69.1	77.5	77.6	76.6	75.1	74.3	73.5	72.9	72.3	71.7	71.0
Widowed	4.7	3.7	3.6	3.3	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.5
Divorced	1.7	1.9	2.5	2.6	4.0	4.8	5.0	5.1	5.6	6.2	6.4	6.3
Females, total	**57.0**	**64.9**	**63.8**	**70.0**	**75.3**	**77.9**	**79.3**	**80.6**	**83.8**	**85.2**	**86.6**	**87.7**
Single	11.1	12.3	7.9	9.6	11.0	12.2	13.0	13.6	14.3	14.8	15.3	16.0
Married	37.6	42.6	45.0	47.9	50.3	50.9	50.9	51.2	52.8	53.2	53.6	53.8
Widowed	7.0	8.3	8.8	9.7	10.1	10.0	10.1	10.4	10.8	10.8	10.8	10.9
Divorced	1.2	1.7	2.1	2.7	4.0	4.9	5.3	5.4	6.0	6.4	6.9	7.0
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	19.6	19.0	12.4	13.7	14.6	15.6	16.4	16.9	17.1	17.4	17.6	18.3
Married	66.1	65.6	70.5	68.5	66.7	65.3	64.2	63.5	63.0	62.4	61.9	61.4
Widowed	12.2	12.8	13.8	13.9	13.4	12.9	12.7	13.0	12.8	12.7	12.5	12.4
Divorced	2.2	2.6	3.3	3.9	5.3	6.2	6.6	6.6	7.1	7.6	8.0	7.9
Percent standardized for age: [1]												
Single	20.0	19.0	11.6	12.1	12.4	13.1	13.8	14.3	14.5	14.8	15.1	15.9
Married	63.9	65.6	71.8	70.8	69.2	68.0	67.0	66.3	65.9	65.3	64.7	64.1
Widowed	14.0	12.8	13.3	13.0	12.8	12.2	12.1	12.3	12.1	11.9	11.6	11.5
Divorced	2.1	2.6	3.3	4.1	5.6	6.7	7.1	7.1	7.6	8.1	8.5	8.5

[1] 1960 age distribution used as standard; standardization improves comparability over time by removing effects of changes in age distribution of population.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 389, and earlier reports.

No. 45. Marital Status of the Population, by Sex and Age: 1983

[**Persons 18 years old and over.** As of **March.** Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, pp. 1 and 2 and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series A 160-171, for decennial census data]

Sex and age	Number of persons (1,000)					Percent distribution				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Male	**79,346**	**19,903**	**52,884**	**1,940**	**4,623**	**100.0**	**25.1**	**66.6**	**2.4**	**5.8**
18–19 years	3,965	3,813	145	–	7	100.0	96.2	3.7	–	.2
20–24 years	10,379	7,594	2,625	7	154	100.0	73.2	25.3	.1	1.5
25–29 years	10,221	3,909	5,688	14	610	100.0	38.2	55.7	.1	6.0
30–34 years	9,217	1,804	6,612	3	798	100.0	19.6	71.7	–	8.7
35–44 years	14,075	1,214	11,518	45	1,298	100.0	8.6	81.8	.3	9.2
45–54 years	10,721	638	9,054	148	881	100.0	6.0	84.5	1.4	8.2
55–64 years	10,253	430	8,974	323	527	100.0	4.2	87.5	3.2	5.1
65–74 years	6,939	390	5,674	622	254	100.0	5.6	81.8	9.0	3.7
75 years old and over	3,576	111	2,594	778	94	100.0	3.1	72.5	21.8	2.6
Female	**87,719**	**16,026**	**53,831**	**10,896**	**6,966**	**100.0**	**18.3**	**61.4**	**12.4**	**7.9**
18–19 years	4,020	3,497	501	–	23	100.0	87.0	12.5	–	.6
20–24 years	10,682	5,933	4,337	19	393	100.0	55.5	40.6	.2	3.7
25–29 years	10,416	2,579	6,892	50	894	100.0	24.8	66.2	.5	8.6
30–34 years	9,487	1,230	7,147	69	1,042	100.0	13.0	75.3	.7	11.0
35–44 years	14,676	929	11,527	308	1,911	100.0	6.3	78.5	2.1	13.0
45–54 years	11,484	517	9,028	718	1,221	100.0	4.5	78.6	6.3	10.6
55–64 years	11,732	512	8,286	2,077	857	100.0	4.4	70.6	17.7	7.3
65–74 years	9,042	458	4,576	3,542	467	100.0	5.1	50.6	39.2	5.2
75 years old and over	6,180	371	1,537	4,113	158	100.0	6.0	24.9	66.6	2.6

– Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 389.

No. 46. Marital Status of the Black and Spanish Origin Population: 1970 to 1983

[Black population: persons 18 years old and over. Spanish origin population: 1970 and 1975, persons 14 years old and over; thereafter, 18 and over. Except as noted, as of **March** and based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces]

Sex and year	Number of persons (1,000)					Percent distribution				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
BLACK										
Total: 1970	12,972	2,668	8,310	1,427	567	100.0	20.6	64.1	11.0	4.4
1975	14,262	3,449	8,373	1,521	920	100.0	24.2	58.7	10.7	6.5
1980	16,638	5,070	8,545	1,627	1,396	100.0	30.5	51.4	9.8	8.4
1982	17,460	5,584	8,713	1,600	1,563	100.0	32.0	49.9	9.2	9.0
1983	17,816	5,938	8,660	1,593	1,624	100.0	33.3	48.6	8.9	9.1
Male: 1970	5,898	1,435	3,944	307	212	100.0	24.3	66.9	5.2	3.6
1975	6,368	1,733	3,990	319	327	100.0	27.2	62.7	5.0	5.1
1980	7,416	2,540	4,051	308	517	100.0	34.3	54.6	4.2	7.0
1982	7,786	2,724	4,134	297	631	100.0	35.0	53.1	3.8	8.1
1983	7,947	2,901	4,149	309	588	100.0	36.5	52.2	3.9	7.4
Female: 1970	7,074	1,233	4,366	1,120	355	100.0	17.4	61.7	15.8	5.0
1975	7,894	1,716	4,383	1,202	593	100.0	21.7	55.5	15.2	7.5
1980	9,222	2,530	4,494	1,319	878	100.0	27.4	48.7	14.3	9.5
1982	9,675	2,860	4,579	1,304	932	100.0	29.6	47.3	13.5	9.6
1983	9,868	3,037	4,512	1,283	1,036	100.0	30.8	45.7	13.0	10.5
SPANISH ORIGIN [1]										
Total: 1970 [2]	5,872	1,718	3,666	287	201	100.0	29.3	62.4	4.9	3.4
1975	7,264	2,293	4,378	298	296	100.0	31.6	60.3	4.1	4.1
1980	7,888	1,901	5,176	350	460	100.0	23.1	65.6	4.4	5.8
1982	8,652	1,991	5,702	360	600	100.0	23.0	65.9	4.2	6.9
1983	8,858	2,110	5,771	383	594	100.0	23.8	65.2	4.3	6.7
Male: 1970 [2]	2,838	914	1,801	56	67	100.0	32.2	63.5	2.0	2.3
1975	3,520	1,277	2,103	42	98	100.0	36.3	59.7	1.2	2.8
1980	3,787	1,035	2,541	60	151	100.0	27.3	67.1	1.6	4.0
1982	4,095	1,101	2,744	51	199	100.0	26.9	67.0	1.2	4.9
1983	4,147	1,152	2,745	51	199	100.0	27.8	66.2	1.2	4.8
Female: 1970 [2]	3,033	804	1,864	231	134	100.0	26.5	61.5	7.6	4.4
1975	3,744	1,016	2,275	256	198	100.0	27.1	60.8	6.8	5.3
1980	4,101	865	2,635	291	310	100.0	21.1	64.3	7.1	7.6
1982	4,557	890	2,955	309	401	100.0	19.5	64.8	6.8	8.8
1983	4,711	958	3,026	332	395	100.0	20.3	64.2	7.0	8.4

[1] Persons of Spanish origin may be of any race. [2] As of April.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* PC(2)1C, *Persons of Spanish Origin; Current Population Reports,* series P-20, No. 389 and earlier reports; and unpublished data.

NO. 47. INTERRACIAL MARRIED COUPLES: 1970 TO 1983

[**In thousands. 1970,** 14 years old and over; **1980** and **1983,** 15 years old and over. As of **March.** Based on Current Population Survey; see headnote, table 45]

ITEM	1970	1980	1983	ITEM	1970	1980	1983
Total married couples	**44,597**	**49,714**	**50,665**	Other interracial married couples	245	484	555
Interracial married couples	310	651	719	Husband Black	8	20	24
All Black-White married couples	65	167	164	Wife Black	4	14	9
Husband Black, wife White	41	122	118	Husband White	139	287	312
Wife Black, husband White	24	45	46	Wife White	94	163	210

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-23, No. 77, series P-20, No. 388, and earlier reports.

NO. 48. EVER-MARRIED PERSONS 25-54 YEARS OLD WHO WERE DIVORCED OR SEPARATED AT TIME OF SURVEY, BY RACE, SEX, AND AGE: 1970 TO 1983

[As of **March.** Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

YEAR, SEX, AND AGE	EVER MARRIED (1,000)			PERCENT DIVORCED			PERCENT SEPARATED		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1970: Male, total	31,304	28,189	2,817	3.3	3.1	5.5	1.8	1.1	9.4
25-34 years	10,402	9,318	975	3.0	2.9	3.9	1.6	1.2	5.1
35-44 years	10,518	9,464	953	3.0	2.6	5.8	2.1	1.1	11.6
45-54 years	10,384	9,407	889	3.9	3.7	6.7	1.9	1.0	11.7
Female, total	34,299	30,401	3,505	5.2	5.0	7.7	3.3	1.8	16.3
25-34 years	11,590	10,220	1,236	5.0	4.7	6.6	3.8	2.1	17.6
35-44 years	11,264	9,917	1,188	5.6	5.3	8.8	3.1	1.6	16.3
45-54 years	11,445	10,264	1,081	5.1	4.9	7.6	3.1	1.9	14.9
1980: Male, total	35,326	31,422	3,062	8.2	7.9	12.6	3.0	2.3	10.4
25-34 years	13,550	12,021	1,154	8.6	8.6	10.8	3.3	2.7	9.5
35-44 years	11,505	10,239	1,020	8.8	8.1	16.2	2.9	2.2	10.2
45-54 years	10,271	9,162	888	7.1	6.7	10.7	2.6	1.7	11.8
Female, total	39,169	34,093	4,066	11.0	10.5	16.5	4.5	2.9	18.7
25-34 years	15,694	13,650	1,591	11.6	11.2	16.5	5.4	3.6	21.2
35-44 years	12,271	10,625	1,320	11.5	10.9	17.5	4.5	2.7	19.2
45-54 years	11,204	9,818	1,155	9.7	9.0	15.5	3.4	2.1	14.8
1983: Male, total	36,669	32,447	3,223	9.8	9.5	14.0	3.1	2.4	10.2
25-34 years	13,725	12,202	1,175	10.3	10.2	12.7	3.3	2.9	7.8
35-44 years	12,861	11,343	1,151	10.1	9.8	14.7	3.1	2.5	9.8
45-54 years	10,083	8,902	897	8.7	8.2	14.7	2.8	1.7	13.8
Female, total	40,808	35,372	4,167	12.4	11.7	19.8	4.6	3.3	16.0
25-34 years	16,094	13,946	1,625	12.0	11.3	19.5	5.2	3.9	17.1
35-44 years	13,747	11,865	1,402	13.9	13.3	21.0	4.6	3.2	16.5
45-54 years	10,967	9,561	1,140	11.1	10.2	18.8	3.7	2.6	13.9

[1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 389 and earlier reports.

NO. 49. DIVORCED PERSONS PER 1,000 MARRIED PERSONS WITH SPOUSE PRESENT, BY SEX, RACE, AND AGE: 1960 TO 1983

[As of **March. 1960-1979,** persons 14 years old and over; beginning **1980,** 15 and over. See headnote, table 45]

YEAR	Total	Male	Female	SEX AND YEAR	RACE		AGE			
					White	Black	15-29 years	30-44 years	45-64 years	65 years old and over
1960	35	28	42	Male: 1960	27	[1] 45	[2] 16	25	39	24
1965	41	34	49	1970	32	62	[2] 28	33	40	32
1970	47	35	60	1975	51	96	[2] 51	61	57	32
1975	69	54	84	1980	74	149	78	104	70	48
				1983	87	164	98	121	81	43
1978	90	71	110							
1979	92	72	111	Female: 1960	38	[1] 78	[2] 28	41	53	44
1980	100	79	120	1970	56	104	[2] 46	61	66	69
1981	109	88	129	1975	77	178	[2] 75	93	86	69
1982	114	92	137	1980	110	258	108	147	112	89
1983	114	91	137	1983	126	297	121	169	126	106

[1] Black and other races. [2] 14-29 years.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 389 and earlier reports.

NO. 50. PERCENT MARRIED AND DIVORCED OF THE POPULATION, 18 YEARS OLD AND OVER: 1960 TO 1983

[As of **March.** Based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, pp. 1 and 2 and Appendix III]

SEX AND RACE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Percent married:												
Male	76.4	76.2	75.3	72.8	72.2	70.9	70.1	69.2	68.4	67.8	67.2	66.6
White	77.3	76.9	76.1	73.9	73.4	72.3	71.7	70.7	70.0	69.6	69.0	68.3
Black	[1] 68.4	[1] 70.2	66.9	62.7	61.6	59.6	57.6	55.7	54.6	53.5	53.1	52.2
Female	71.6	70.5	68.5	66.7	66.2	65.3	64.2	63.5	63.0	62.4	61.9	61.4
White	72.2	70.9	69.3	68.0	67.6	66.7	65.9	65.2	64.7	64.1	63.7	63.3
Black	[1] 66.3	[1] 67.6	61.7	55.5	54.5	53.5	50.3	49.0	48.7	48.1	47.3	45.7
Percent divorced:												
Male	2.0	2.5	2.5	3.7	4.0	4.5	4.7	4.8	5.2	5.7	5.9	5.8
White	2.0	2.4	2.4	3.6	3.8	4.4	4.5	4.5	5.0	5.5	5.7	5.7
Black	[1] 2.2	[1] 3.4	3.6	5.1	5.9	5.4	6.9	7.2	7.0	8.1	8.1	7.4
Female	2.9	3.3	3.9	5.3	5.7	6.2	6.6	6.6	7.1	7.6	8.0	7.9
White	2.7	3.1	3.8	5.0	5.5	6.0	6.3	6.4	6.8	7.2	7.8	7.6
Black	[1] 4.8	[1] 4.5	5.0	7.5	7.8	8.8	9.3	8.9	9.5	10.3	9.6	10.5

[1] Black and other races.

NO. 51. SINGLE (NEVER-MARRIED) PERSONS 18 YEARS OLD AND OVER AS PERCENT OF TOTAL POPULATION, BY AGE AND SEX: 1960 TO 1983

[**1960,** as of **April;** thereafter based on Current Population Survey as of **March.** See headnote, table 45]

AGE	MALE					FEMALE				
	1960	1970	1975	1980	1983	1960	1970	1975	1980	1983
Total	**17.3**	**18.9**	**20.8**	**23.8**	**25.1**	**11.9**	**13.7**	**14.6**	**17.1**	**18.3**
18 years	94.6	95.1	96.8	97.4	98.0	75.6	82.0	83.7	88.0	90.6
19 years	87.1	89.9	89.3	90.9	94.2	59.7	68.8	71.4	77.6	83.4
20–24 years	53.1	54.7	59.9	68.8	73.2	28.4	35.8	40.3	50.2	55.5
25–29 years	20.8	19.1	22.3	33.1	38.2	10.5	10.5	13.8	20.9	24.8
30–34 years	11.9	9.4	11.1	15.9	19.6	6.9	6.2	7.5	9.5	13.0
35–39 years	8.8	7.2	8.6	7.8	10.1	6.1	5.4	5.0	6.2	7.2
40–44 years	7.3	6.3	7.2	7.1	6.8	6.1	4.9	4.8	4.8	5.2
45–54 years	7.4	7.5	6.3	6.1	6.0	7.0	4.9	4.6	4.7	4.5
55–64 years	8.0	7.8	6.5	5.3	4.2	8.0	6.8	5.1	4.5	4.4
65 years old and over	7.7	7.5	4.7	4.9	4.8	8.5	7.7	5.8	5.9	5.4

NO. 52. HOUSEHOLDER AND MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER, BY SEX AND AGE: 1983

[**In thousands, except percent.** As of **March.** See headnote, table 50]

HOUSEHOLDER AND MARITAL STATUS	Total [1]	MALE					FEMALE				
		Total [1]	20–24 years	25–44 years	45–64 years	65 yr. and over	Total [1]	20–24 years	25–44 years	45–64 years	65 yr. and over
Total persons	**178,101**	**84,955**	**10,379**	**33,513**	**20,974**	**10,515**	**93,145**	**10,682**	**34,578**	**23,216**	**15,222**
Householder [2]	83,918	59,250	3,423	26,662	19,231	9,724	24,668	1,868	8,463	6,198	7,946
Single	10,446	5,263	1,199	2,944	645	357	5,183	1,282	2,510	645	599
Married, spouse present	49,908	47,720	2,114	21,198	16,639	7,682	2,187	208	1,131	571	255
Widowed	10,949	1,704	1	42	420	1,241	9,245	9	382	2,488	6,366
Divorced	8,853	3,208	55	1,792	1,078	278	5,645	193	3,103	1,796	545
Not householder [2]	94,183	25,705	6,956	6,852	1,744	791	68,477	8,814	26,116	17,018	7,276
Single	36,395	20,221	6,395	3,984	423	143	16,174	4,651	2,227	384	229
Married, spouse present	51,423	2,945	320	1,450	752	386	48,478	3,741	22,711	15,901	5,631
Widowed	1,884	234	6	20	51	159	1,650	10	45	307	1,289
Divorced	2,736	1,416	98	914	330	68	1,320	200	744	282	80
PERCENT DISTRIBUTION											
Total persons	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Householder [2]	47.1	69.7	33.0	79.6	91.7	92.5	26.5	17.5	24.5	26.7	52.2
Single	5.9	6.2	11.6	8.8	3.1	3.4	5.6	12.0	7.3	2.8	3.9
Married, spouse present	28.0	56.2	20.4	63.3	79.3	73.1	2.3	1.9	3.3	2.5	1.7
Widowed	6.1	2.0	–	.1	2.0	11.8	9.9	.1	1.1	10.7	41.8
Divorced	5.0	3.8	.5	5.3	5.1	2.6	6.1	1.8	9.0	7.7	3.6
Not householder [2]	52.9	30.3	67.0	20.4	8.3	7.5	73.5	82.5	75.5	73.3	47.8
Single	20.4	23.8	61.6	11.9	2.0	1.4	17.4	43.5	6.4	1.7	1.5
Married, spouse present	28.9	3.5	3.1	4.3	3.6	3.7	52.0	35.0	65.7	68.5	37.0
Widowed	1.1	.3	.1	.1	.2	1.5	1.8	.1	.1	1.3	8.5
Divorced	1.5	1.7	.9	2.7	1.6	.6	1.4	1.9	2.2	1.2	.5

– Represents zero or rounds to zero. [1] Includes 15–19 year olds. [2] Includes other marital status not shown separately.

Source of tables 50–52: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 389, and earlier reports.

No. 53. Unmarried Couples, by Selected Characteristics, 1970 to 1984, and by Marital Status of Partners, 1983

[**In thousands.** As of **March**, except **1970**, as of **April**. An "unmarried couple" is two unrelated adults of the opposite sex sharing the same household. See headnote, table 54]

PRESENCE OF CHILDREN AND AGE OF HOUSEHOLDER	1970	1980	1983	1984	MARITAL STATUS OF MALE	Total	MARITAL STATUS OF FEMALE			
							Never married	Divorced	Widowed	Married, husband absent
Unmarried couples	523	1,589	1,891	1,988	**Total, 1983**	**1,891**	**965**	**625**	**163**	**137**
No children under 15 yr	[1] 327	1,159	1,366	1,373	Never married	1,010	695	209	67	41
Some children under 15 yr	[1] 196	431	525	614	Divorced	638	195	340	47	55
					Widowed	78	10	25	39	4
Under 25 yr. old	55	411	455	432	Married, wife absent	164	64	53	10	39
25–44 yr. old	103	837	1,082	1,208						
45–64 yr. old	186	221	233	234						
65 yr. old and over	178	119	121	114						

[1] Children in unmarried-couple households are under 14 years old.

Source: U.S. Bureau of the Census, *1970 Census of Population*, vol. II, part 4B, and *Current Population Reports*, series P-20, No. 391 and earlier reports.

No. 54. Households, Families, Subfamilies, Married Couples, and Unrelated Individuals: 1950 to 1984

[**In thousands, except as indicated.** As of **March. 1950** excludes Alaska and Hawaii. Based on Current Population Survey; includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, pp. 1 and 2 and Appendix III. Minus sign (–) indicates decrease. For definition of terms, see text, p. 4. See also *Historical Statistics, Colonial Times to 1970* series A 288–319]

TYPE OF UNIT	1950	1960	1970	1975	1980	1982	1983	1984	PERCENT CHANGE	
									1970–1980	1980–1984
Households	**43,554**	**52,799**	**63,401**	**71,120**	**80,776**	**83,527**	**83,918**	**85,407**	**27.4**	**5.7**
Average size	3.37	3.33	3.14	2.94	2.76	2.72	2.73	2.71	(X)	(X)
Family households	38,838	44,905	51,456	55,563	59,550	61,019	61,393	61,997	15.7	4.1
Married couple	34,075	39,254	44,728	46,951	49,112	49,630	49,908	50,090	9.8	2.0
Male householder [1]	1,169	1,228	1,228	1,485	1,733	1,986	2,016	2,030	41.1	17.1
Female householder [1]	3,594	4,422	5,500	7,127	8,705	9,403	9,469	9,878	58.3	13.5
Nonfamily households	4,716	7,895	11,945	15,557	21,226	22,508	22,525	23,410	77.7	10.3
Male householder	1,668	2,716	4,063	5,912	8,807	9,457	9,514	9,752	116.8	10.7
Female householder	3,048	5,179	7,882	9,645	12,419	13,051	13,011	13,658	57.6	10.0
One person	3,954	6,896	10,851	13,939	18,296	19,354	19,250	19,954	68.6	9.1
Families	**39,303**	**45,111**	**51,586**	**55,712**	**59,550**	**61,019**	**61,393**	**61,997**	**15.4**	**4.1**
Average size	3.54	3.67	3.58	3.42	3.29	3.25	3.26	3.24	(X)	(X)
Married couple	34,440	39,329	44,755	46,971	49,112	49,630	49,908	50,090	9.7	2.0
Male householder [1]	1,184	1,275	1,239	1,499	1,733	1,986	2,016	2,030	39.9	17.1
Female householder [1]	3,679	4,507	5,591	7,242	8,705	9,403	9,469	9,878	55.7	13.5
Unrelated subfamilies	**465**	**207**	**130**	**149**	**360**	**372**	**440**	**504**	**176.9**	**4.0**
Married couple	365	75	27	20	20	39	39	53	(B)	(B)
Male reference persons [1]	15	47	11	14	36	24	43	63	(B)	(B)
Female reference persons [1]	85	85	91	115	304	309	358	388	234.1	27.6
Related subfamilies	**2,402**	**1,514**	**1,150**	**1,349**	**1,150**	**1,877**	**2,220**	**2,198**	**–**	**91.1**
Married couple	1,651	871	617	576	582	625	719	722	–5.7	24.1
Father-child [1 2]	113	115	48	69	54	113	146	113	(B)	(B)
Mother-child [1 2]	638	528	484	705	512	1,139	1,355	1,363	5.8	166.2
Married couples	**36,091**	**40,200**	**45,373**	**47,547**	**49,714**	**50,294**	**50,666**	**50,864**	**9.6**	**2.3**
With own household	34,075	39,254	44,728	46,951	49,112	49,630	49,908	50,090	9.8	2.0
Without own household	2,016	946	645	596	602	664	758	775	–6.7	28.7
Percent without	5.6	2.4	1.4	1.3	1.2	1.3	1.5	1.5	(X)	(X)
Unrelated individuals	**9,136**	**11,092**	**14,988**	**19,100**	**26,426**	**27,930**	**28,083**	**29,497**	**76.3**	**11.6**
Nonfamily householders	4,716	7,895	11,945	15,557	21,226	22,508	22,525	23,410	77.7	10.3
Secondary individuals	4,420	3,198	3,043	3,543	5,200	5,422	5,558	6,087	70.9	17.1
Male	2,541	1,746	1,631	2,087	3,006	3,012	3,072	3,531	84.3	17.5
Female	1,879	1,451	1,412	1,456	2,194	2,410	2,486	2,556	55.4	16.5

– Represents zero. B Not shown; base less than 75,000. X Not applicable. [1] No spouse present.
[2] It is likely that most of the sizable increase since 1980 is the result of new and more definitive coding procedures introduced by the Census Bureau in 1982.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 391.

No. 55. Households and Families, by Race of Householder: 1960 to 1983

[As of **March**. Based on Current Population Survey; see headnote, table 54. See also *Historical Statistics, Colonial Times to 1970*, series A 292-295 and A 320-334]

RACE OF HOUSEHOLDER	NUMBER (1,000)					PERCENT				
	1960	1970	1975	1980	1983	1960	1970	1975	1980	1983
Households, total	**52,799**	[1] **63,401**	[1] **71,120**	[1] **80,776**	[1] **83,918**	(x)	(x)	(x)	(x)	(x)
White	47,665	56,602	62,945	70,766	73,182	100.0	100.0	100.0	100.0	100.0
Married couple	36,175	41,029	42,951	44,751	45,252	76.2	72.5	68.2	63.2	61.8
Male householder [2]	3,365	4,444	6,295	8,940	9,865	6.8	7.9	10.0	12.6	13.5
Female householder [2]	8,125	11,129	13,700	17,075	18,066	17.0	19.7	21.8	24.1	24.7
Black	[3] 5,134	6,223	7,262	8,586	8,916	[3] 100.0	100.0	100.0	100.0	100.0
Married couple	[3] 3,079	3,317	3,343	3,433	3,486	[3] 60.3	53.3	46.0	40.0	39.1
Male householder [2]	[3] 579	745	1,002	1,402	1,417	[3] 11.0	12.0	13.8	16.3	15.9
Female householder [2]	[3] 1,476	2,161	2,917	3,751	4,012	[3] 28.7	34.7	40.2	43.7	45.0
Families, total	**45,111**	[1] **51,586**	[1] **55,712**	[1] **59,550**	[1] **61,393**	(x)	(x)	(x)	(x)	(x)
White	40,869	46,261	49,451	52,243	53,407	100.0	100.0	100.0	100.0	100.0
Married couple	36,212	41,049	42,969	44,751	45,252	88.7	88.7	86.9	85.7	84.7
Male householder [2]	1,100	1,048	1,270	1,441	1,648	2.6	2.3	2.6	2.8	3.1
Female householder [2]	3,557	4,165	5,212	6,052	6,507	8.7	9.0	10.5	11.6	12.2
Black	[3] 4,242	4,887	5,498	6,184	6,530	[3] 100.0	100.0	100.0	100.0	100.0
Married couple	[3] 3,117	3,323	3,346	3,433	3,486	[3] 73.6	68.0	60.9	55.5	53.4
Male householder [2]	[3] 175	182	212	256	309	[3] 4.0	3.7	3.9	4.1	4.7
Female householder [2]	[3] 950	1,382	1,940	2,495	2,734	[3] 22.4	28.3	35.3	40.3	41.9

X Not applicable. [1] Includes other races, not shown separately. [2] No spouse present. [3] Black and other races.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388 and earlier reports; and unpublished data.

No. 56. Households, by Number of Persons: 1960 to 1983

[**In millions, except percent.** As of **March**. Based on Current Population Survey; see headnote, table 54. See also *Historical Statistics, Colonial Times to 1970*, series A 335-349]

SIZE OF HOUSEHOLD	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total	**52.6**	**57.3**	**63.4**	**71.1**	**74.1**	**76.0**	**77.3**	**80.8**	**82.4**	**83.5**	**83.9**
1 person	6.9	8.6	10.9	13.9	15.5	16.7	17.2	18.3	18.9	19.4	19.3
Male	2.3	2.9	3.5	4.9	5.6	6.4	6.5	7.0	7.3	7.5	7.5
Female	4.6	5.7	7.3	9.0	9.9	10.4	10.7	11.3	11.7	11.9	11.8
2 persons	14.6	16.1	18.3	21.8	22.8	23.3	23.9	25.3	25.8	26.5	26.4
3 persons	9.9	10.2	10.9	12.4	12.8	13.0	13.4	14.1	14.6	14.6	14.8
4 persons	9.3	9.2	10.0	11.1	11.6	12.0	12.3	12.7	12.8	12.9	13.3
5 persons	6.1	6.3	6.5	6.4	6.3	6.4	6.2	6.1	6.1	6.1	6.1
6 persons	3.0	3.3	3.5	3.1	2.9	2.7	2.6	2.5	2.5	2.5	2.5
7 persons or more	2.9	3.5	3.2	2.5	2.3	1.9	1.8	1.8	1.6	1.6	1.6
Percent of total:											
1 person	13.1	15.0	17.1	19.6	20.9	22.0	22.2	22.7	23.0	23.2	22.9
2 persons	27.8	28.1	28.9	30.6	30.7	30.7	30.9	31.4	31.3	31.7	31.5
3 persons	18.9	17.9	17.3	17.4	17.3	17.2	17.3	17.5	17.7	17.5	17.6
4 persons	17.6	16.1	15.8	15.6	15.7	15.7	15.9	15.7	15.5	15.4	15.9
5 persons	11.5	11.0	10.3	9.0	8.5	8.4	8.0	7.5	7.4	7.3	7.3
6 persons	5.7	5.8	5.6	4.3	3.9	3.6	3.3	3.1	3.1	3.0	2.9
7 persons or more	5.4	6.1	5.0	3.5	3.1	2.5	2.3	2.2	2.0	1.9	1.9

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388 and earlier reports.

No. 57. Households, by Selected Characteristics of Householder: 1970 to 1983

[As of **March**. Based on Current Population Survey; see headnote, table 54]

CHARACTERISTIC	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total (million)	**63.4**	**68.3**	**69.9**	**71.1**	**72.9**	**74.1**	**76.0**	**77.3**	**80.8**	**82.4**	**83.5**	**83.9**
PERCENT DISTRIBUTION												
Male	78.9	77.4	77.1	76.4	75.8	75.4	74.6	74.2	71.8	71.2	70.6	70.6
Female	21.1	22.6	22.9	23.6	24.2	24.6	25.4	25.8	28.2	28.8	29.4	29.4
White	89.5	88.8	88.7	88.5	88.4	88.1	88.0	88.0	87.6	87.3	87.2	87.2
Black	9.8	10.0	10.1	10.2	10.3	10.5	10.5	10.4	10.6	10.7	10.7	10.6
Age of householder:												
14-24 years	6.8	8.0	8.4	8.2	8.1	8.1	8.2	8.2	[1] 8.1	[1] 7.8	[1] 7.3	[1] 6.8
25-34 years	18.5	19.9	20.5	21.0	21.3	21.8	22.1	22.0	22.9	23.3	23.1	22.8
35-44 years	18.6	17.2	16.8	16.7	16.8	16.8	17.1	17.2	17.3	17.6	18.3	19.1
45-54 years	19.5	18.8	18.5	18.2	17.6	17.4	16.6	16.3	15.7	15.4	15.0	14.7
55-64 years	17.1	16.4	16.0	15.9	16.0	15.9	16.0	15.9	15.5	15.4	15.5	15.6
65 years and over	19.5	19.7	19.9	20.1	20.3	20.0	20.0	20.4	20.5	20.5	20.7	21.1

[1] Persons 15 to 24 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388 and earlier reports; and unpublished data.

NO. 58. HOUSEHOLD CHARACTERISTICS, BY RACE AND SPANISH ORIGIN: 1983

[As of **March**. Based on Current Population Survey; see headnote, table 54. Persons of Spanish origin may be of any race. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	ALL HOUSEHOLDS			BLACK HOUSEHOLDS			SPANISH-ORIGIN HOUSEHOLDS		
	Number (1,000)	Per-cent	Persons per house-hold	Number (1,000)	Per-cent	Persons per house-hold	Number (1,000)	Per-cent	Persons per house-hold
Total	**83,918**	**100.0**	**2.73**	**8,916**	**100.0**	**3.04**	**4,085**	**100.0**	**3.48**
Northeast	17,926	21.4	2.73	1,633	18.3	2.94	825	20.2	3.20
Midwest	21,331	25.4	2.73	1,738	19.5	2.96	276	6.8	3.30
South	28,120	33.5	2.75	4,585	51.4	3.17	1,288	31.5	3.56
West	16,541	19.7	2.70	960	10.8	2.79	1,696	41.5	3.59
Nonfarm	82,071	97.8	2.72	8,868	99.5	3.04	4,059	99.4	3.48
Farm	1,847	2.2	3.04	48	.5	(B)	26	.6	(B)
In metropolitan areas (SMSA's)[1]	57,393	68.4	2.71	6,932	77.8	2.96	3,520	86.2	3.47
In central cities	24,810	29.6	2.56	5,068	56.8	2.91	2,123	52.0	3.44
Outside central cities	32,584	38.8	2.82	1,865	20.9	3.11	1,397	34.2	3.51
One million population or more	32,503	38.7	2.70	4,449	49.9	2.90	2,351	57.6	3.37
In central cities	12,881	15.3	2.53	3,301	37.0	2.86	1,339	32.8	3.30
Outside central cities	19,622	23.4	2.80	1,149	12.9	3.00	1,012	24.8	3.47
Under 1 million population	24,890	29.7	2.72	2,483	27.8	3.07	1,169	28.6	3.66
In central cities	11,929	14.2	2.59	1,767	19.8	2.98	784	19.2	3.68
Outside central cities	12,962	15.4	2.84	716	8.0	3.27	385	9.4	3.63
Outside metropolitan areas	26,524	31.6	2.78	1,984	22.2	3.33	565	13.8	3.56
Nonfarm	24,972	29.8	2.77	1,938	21.7	3.32	553	13.5	3.56
Farm	1,553	1.9	3.00	45	.5	(B)	12	.3	(B)
Relationship to householder:									
All members related	79,318	94.5	2.72	8,368	93.8	3.01	3,853	94.3	3.48
All members unrelated	3,275	3.9	2.36	330	3.7	2.59	140	3.4	2.56
Some members unrelated	1,325	1.6	4.50	218	2.4	4.82	93	2.3	4.92
Marital status:									
Male householder	59,250	70.6	3.00	4,578	51.3	3.17	2,831	69.3	3.74
Married, wife present	47,720	56.9	3.35	3,160	35.4	3.83	2,310	56.5	4.13
Married, wife absent	1,356	1.6	1.58	308	3.5	1.71	101	2.5	1.56
Separated	999	1.2	1.63	269	3.0	1.73	53	1.3	(B)
Other	357	.4	1.46	39	.4	(B)	47	1.2	(B)
Widowed	1,704	2.0	1.54	227	2.5	1.85	46	1.1	(B)
Divorced	3,208	3.8	1.64	362	4.1	1.64	124	3.0	2.02
Single (never married)	5,263	6.3	1.55	521	5.8	1.67	250	6.1	2.02
Female householder	24,668	29.4	2.08	4,338	48.7	2.91	1,254	30.7	2.91
Married, husband present	2,187	2.6	3.22	326	3.7	4.00	139	3.4	4.00
Married, husband absent	2,407	2.9	2.85	810	9.1	3.31	291	7.1	3.46
Separated	2,033	2.4	2.93	739	8.3	3.37	248	6.1	3.48
Other	374	.4	2.40	70	.8	(B)	43	1.0	(B)
Widowed	9,245	11.0	1.57	1,065	11.9	2.44	234	5.7	2.34
Divorced	5,645	6.7	2.33	874	9.8	3.01	309	7.6	2.70
Single (never married)	5,183	6.2	1.85	1,263	14.2	2.70	282	6.9	2.49
Age of householder:									
15-24 years	5,695	6.8	2.33	674	7.6	2.72	346	8.5	2.87
25-34 years	19,104	22.8	2.90	2,304	25.8	3.00	1,254	30.7	3.53
35-44 years	16,020	19.1	3.58	1,822	20.4	3.73	983	24.1	4.18
45-54 years	12,354	14.7	3.29	1,369	15.4	3.45	671	16.4	3.81
55-64 years	13,074	15.6	2.42	1,248	14.0	2.92	453	11.1	2.88
65 years old and over	17,671	21.1	1.75	1,499	16.8	2.15	379	9.3	2.19
Size of household:									
One person	19,250	22.9	1.00	2,056	23.1	1.00	577	14.1	1.00
Two persons	26,439	31.5	2.00	2,305	25.8	2.00	836	20.5	2.00
Three persons	14,793	17.6	3.00	1,604	18.0	3.00	808	19.8	3.00
Four persons	13,303	15.9	4.00	1,319	14.8	4.00	841	20.6	4.00
Five persons	6,105	7.3	5.00	798	9.0	5.00	500	12.2	5.00
Six persons	2,460	2.9	6.00	408	4.6	6.00	278	6.8	6.00
Seven persons or more	1,568	1.9	7.81	426	4.8	8.01	245	6.0	7.93
Years of school completed by householder:									
Elementary: Less than 8 years	7,226	8.6	2.65	1,516	17.0	2.86	1,257	30.8	3.71
8 years	6,170	7.4	2.38	600	6.7	3.18	338	8.3	3.58
High school: 1 to 3 years	11,131	13.3	2.79	1,856	20.8	3.38	618	15.1	3.53
4 years	29,086	34.7	2.79	2,906	32.6	3.11	1,076	26.3	3.44
College:1 to 3 years	13,371	15.9	2.73	1,260	14.1	2.88	481	11.8	3.16
4 years or more	16,934	20.2	2.75	779	8.7	2.49	315	7.7	2.99

B Not shown; base less than 75,000. [1] 243 standard metropolitan statistical areas as defined in 1970 census publications. See Appendix II.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142.

NO. 59. HOUSEHOLDS—STATES: 1960 TO 1983

[**1960–1980,** as of **April 1; 1983,** as of **December 31.** For definition of household, see text, p. 4. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease]

REGION, DIVISION, AND STATE	HOUSEHOLDS							FAMILIES, 1980				PERSONS PER HOUSEHOLD	
	Number (1,000)				Percent change				Married couple		One parent with children [4]		
	1960	1970	1980	1983 [1]	1960–1970	1970–1980	1980–1983	Total [2]	Total	With children [3]		1970	1980
U.S	**53,021**	**63,450**	**80,390**	**85,692**	**19.7**	**26.7**	**6.6**	**58,882**	**48,371**	**24,261**	**5,870**	**3.11**	**2.75**
Regions:													
Northeast	13,521	15,482	17,471	18,108	14.5	12.8	3.6	12,668	10,151	4,965	1,306	3.08	2.74
Midwest	15,377	17,537	20,859	21,631	14.0	18.9	3.7	15,351	12,863	6,588	1,428	3.14	2.75
South	15,503	19,258	26,486	28,844	24.2	37.5	8.9	19,917	16,347	8,187	1,960	3.16	2.77
West	8,619	11,172	15,574	17,105	29.6	39.4	9.8	10,945	9,010	4,521	1,176	3.02	2.71
N. Eng	**3,116**	**3,645**	**4,362**	**4,540**	**17.0**	**19.7**	**4.1**	**3,159**	**2,580**	**1,280**	**304**	**3.13**	**2.74**
ME	280	303	395	419	8.2	30.5	6.1	294	248	128	26	3.16	2.75
NH	180	225	323	346	25.0	43.5	7.1	239	203	106	20	3.14	2.75
VT	111	132	178	190	18.9	35.0	6.7	128	108	57	12	3.21	2.75
MA	1,535	1,760	2,033	2,108	14.7	15.5	3.7	1,439	1,153	568	145	3.12	2.72
RI	257	292	339	350	13.6	16.0	3.2	245	199	96	24	3.07	2.70
CT	753	933	1,094	1,127	23.9	17.2	3.0	814	668	325	77	3.16	2.76
Mid. Atl	**10,405**	**11,837**	**13,109**	**13,568**	**13.8**	**10.7**	**3.5**	**9,509**	**7,571**	**3,685**	**1,002**	**3.07**	**2.74**
NY	5,248	5,914	6,340	6,518	12.7	7.2	2.8	4,443	3,446	1,692	542	3.01	2.70
NJ	1,806	2,218	2,549	2,668	22.8	14.9	4.7	1,932	1,553	760	196	3.17	2.84
PA	3,351	3,705	4,220	4,382	10.6	13.9	3.8	3,134	2,573	1,233	264	3.10	2.74
E. No. Cent	**10,710**	**12,382**	**14,654**	**15,151**	**15.6**	**18.3**	**3.4**	**10,841**	**8,968**	**4,612**	**1,079**	**3.17**	**2.78**
OH	2,852	3,289	3,834	3,996	15.3	16.5	4.2	2,854	2,376	1,210	269	3.16	2.76
IN	1,388	1,609	1,927	1,961	15.9	19.7	1.8	1,456	1,233	638	133	3.14	2.77
IL	3,085	3,502	4,045	4,228	13.5	15.5	4.5	2,931	2,378	1,206	307	3.09	2.76
MI	2,239	2,653	3,195	3,230	18.5	20.4	1.1	2,393	1,948	1,017	270	3.27	2.84
WI	1,146	1,329	1,652	1,736	16.0	24.3	5.1	1,208	1,034	541	100	3.22	2.77
W. No. Cent	**4,668**	**5,155**	**6,205**	**6,480**	**10.4**	**20.4**	**4.4**	**4,510**	**3,895**	**1,976**	**349**	**3.06**	**2.68**
MN	992	1,154	1,445	1,505	16.3	25.2	4.2	1,038	898	481	79	3.20	2.74
IA	841	896	1,053	1,109	6.5	17.5	5.3	770	677	342	54	3.05	2.68
MO	1,360	1,521	1,793	1,844	11.8	17.9	2.8	1,312	1,106	540	115	2.98	2.67
ND	173	182	228	245	5.2	25.4	7.5	167	147	80	10	3.25	2.75
SD	195	201	243	259	3.1	20.8	6.6	177	154	81	13	3.18	2.74
NE	433	474	571	594	9.5	20.6	4.0	412	360	183	30	3.02	2.66
KS	673	727	872	924	8.0	19.9	6.0	635	553	269	48	2.97	2.62
So. Atl	**7,268**	**9,439**	**13,160**	**14,235**	**29.9**	**39.4**	**8.2**	**9,805**	**7,958**	**3,834**	**1,002**	**3.14**	**2.73**
DE	129	165	207	215	27.9	25.7	3.9	155	126	63	17	3.23	2.79
MD	863	1,175	1,461	1,529	36.2	24.3	4.7	1,090	863	442	128	3.25	2.82
DC	252	263	253	248	4.4	–3.6	–2.0	134	75	30	32	2.72	2.40
VA	1,074	1,391	1,863	1,976	29.5	34.0	6.1	1,398	1,148	590	135	3.20	2.77
WV	521	547	686	715	5.0	25.4	4.2	530	449	232	37	3.12	2.79
NC	1,205	1,510	2,043	2,200	25.3	35.4	7.7	1,577	1,288	653	153	3.24	2.78
SC	604	734	1,030	1,140	21.5	40.3	10.7	806	647	345	84	3.39	2.93
GA	1,070	1,369	1,872	2,015	27.9	36.7	7.6	1,427	1,138	603	163	3.25	2.84
FL	1,550	2,285	3,744	4,201	47.4	63.9	12.2	2,690	2,225	876	253	2.90	2.55
E. So. Cent	**3,307**	**3,868**	**5,051**	**5,351**	**17.0**	**30.6**	**5.9**	**3,913**	**3,211**	**1,653**	**373**	**3.22**	**2.83**
KY	852	984	1,263	1,350	15.5	28.4	6.9	983	826	437	84	3.17	2.82
TN	1,003	1,213	1,619	1,692	20.9	33.4	4.5	1,248	1,026	512	117	3.15	2.77
AL	884	1,034	1,342	1,429	17.0	29.8	6.5	1,039	846	432	102	3.25	2.84
MS	568	637	827	880	12.1	29.9	6.4	643	514	272	70	3.39	2.97
W. So. Cent	**4,928**	**5,952**	**8,276**	**9,258**	**20.8**	**39.0**	**11.9**	**6,199**	**5,177**	**2,700**	**585**	**3.15**	**2.80**
AR	524	615	816	844	17.4	32.6	3.4	625	528	258	55	3.05	2.74
LA	892	1,052	1,412	1,566	17.9	34.2	10.9	1,069	852	465	123	3.37	2.91
OK	735	851	1,119	1,246	15.8	31.5	11.3	827	709	346	70	2.90	2.62
TX	2,778	3,434	4,929	5,602	23.6	43.5	13.7	3,678	3,088	1,631	337	3.17	2.82
Mt	**1,976**	**2,518**	**3,986**	**4,534**	**27.4**	**58.3**	**13.7**	**2,909**	**2,477**	**1,301**	**268**	**3.19**	**2.79**
MT	202	217	284	309	7.4	30.6	8.8	205	179	93	17	3.10	2.70
ID	194	219	324	348	12.9	48.0	7.4	247	217	116	20	3.17	2.85
WY	99	105	166	190	6.1	58.3	14.5	122	108	60	8	3.09	2.78
CO	529	691	1,061	1,208	30.6	53.6	13.9	739	625	325	72	3.08	2.65
NM	251	289	441	496	15.1	52.6	12.5	332	275	152	35	3.43	2.90
AZ	367	539	957	1,121	46.9	77.5	17.1	705	595	287	66	3.20	2.79
UT	242	298	449	503	23.1	50.6	12.0	352	309	188	27	3.46	3.20
NV	92	160	304	359	73.9	90.1	18.1	207	170	80	23	2.99	2.59
Pac	**6,644**	**8,654**	**11,587**	**12,571**	**30.3**	**33.9**	**8.5**	**8,036**	**6,533**	**3,220**	**908**	**2.97**	**2.68**
WA	894	1,106	1,541	1,656	23.7	39.3	7.5	1,079	915	450	107	2.98	2.61
OR	558	692	992	1,032	24.0	43.4	4.0	699	593	283	70	2.94	2.60
CA	4,981	6,574	8,630	9,387	32.0	31.3	8.8	5,937	4,760	2,334	699	2.95	2.68
AK	57	79	131	170	38.6	66.3	29.8	96	80	51	11	3.52	2.93
HI	153	203	294	326	32.7	44.8	10.9	226	186	102	21	3.59	3.15

[1] Estimated. Source: Market Statistics, New York, NY, *The Survey of Buying Power Data Service*, annual (copyright).
[2] Includes male and female householders with no spouse present and without own children under 18 years old. [3] Married couple families with own children under 18 years old. [4] Male or female householder with no spouse present, and with own children under 18 years old.

Source: Except as noted, U.S. Bureau of the Census, *Census of Population: 1970* and *1980 Census of Population*, vol. 1, chapter B.

No. 60. Living Arrangements of Persons 15 Years Old and Over, by Selected Characteristics: 1983

[As of **March**. Based on Current Population Survey; includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, pp. 1 and 2 and Appendix III]

Age and sex	All races					White persons percent living—			Black persons percent living—		
	Total (mil.)	Percent living—									
		Alone	With spouse	With other relatives	With nonrelatives	Alone	With spouse	With other relatives	Alone	With spouse	With other relatives
Total	**178,101**	**10.8**	**56.9**	**27.4**	**4.9**	**11.0**	**59.5**	**24.7**	**10.6**	**36.3**	**48.0**
15-19 years	19,020	.6	3.4	93.4	2.7	.6	3.7	92.9	.1	1.4	97.2
20-24 years	21,061	5.7	30.3	52.6	11.4	6.0	33.0	48.7	3.9	14.1	76.6
25-44 years	68,092	8.2	68.3	17.4	6.1	8.1	71.1	14.6	9.3	46.1	38.3
45-64 years	44,190	10.2	76.6	10.8	2.3	9.9	79.1	9.1	14.1	53.6	26.5
65 years old and over	25,737	30.5	54.2	13.1	2.1	30.8	55.3	12.0	30.5	41.5	24.2
Male	**84,955**	**8.8**	**59.6**	**25.7**	**5.9**	**8.6**	**61.9**	**23.7**	**10.7**	**40.8**	**41.4**
15-19 years	9,573	.6	1.3	95.9	2.3	.7	1.4	95.7	.3	.4	98.2
20-24 years	10,379	5.9	23.5	58.3	12.3	6.3	25.5	55.1	3.9	11.3	79.4
25-44 years	33,513	10.3	67.6	14.0	8.2	10.1	69.6	12.4	12.9	50.7	26.7
45-64 years	20,974	8.2	82.9	6.1	2.8	7.6	84.9	5.3	14.2	62.3	14.8
65 years old and over	10,515	15.4	76.7	5.7	2.1	15.0	78.0	5.1	20.8	63.1	11.7
Female	**93,145**	**12.7**	**54.4**	**29.0**	**3.9**	**13.2**	**57.2**	**25.7**	**10.5**	**32.6**	**53.3**
15-19 years	9,447	.5	5.5	91.0	3.1	.6	6.0	90.0	-	2.5	96.3
20-24 years	10,682	5.4	37.0	47.0	10.6	5.8	40.5	42.4	3.9	16.5	74.2
25-44 years	34,579	6.2	68.9	20.7	4.2	6.2	72.7	16.9	6.3	42.3	47.9
45-64 years	23,216	12.1	70.9	15.1	1.9	12.0	73.8	12.5	14.0	46.8	35.6
65 years old and over	15,222	40.9	38.7	18.2	2.2	41.7	39.7	16.7	36.8	27.1	32.4

- Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388.

No. 61. Families, by Characteristics: 1960 to 1983

[**In thousands, except as indicated.** As of **March**. Based on Current Population Survey; includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, pp. 1 and 2 and Appendix III. For definition of families, see text, p. 4. Beginning 1980, data not comparable with prior years because of definitional change]

Characteristic	All families		Married couple		Male householder [1]		Female householder [1]		Black families	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1960	45,111	(x)	39,329	(x)	1,275	(x)	4,507	(x)	[2] 4,242	(x)
1965	47,956	(x)	41,749	(x)	1,181	(x)	5,026	(x)	[2] 4,767	(x)
1970	51,586	(x)	44,755	(x)	1,239	(x)	5,591	(x)	4,887	(x)
1975	55,712	(x)	46,971	(x)	1,499	(x)	7,242	(x)	5,498	(x)
1979	57,804	(x)	47,692	(x)	1,655	(x)	8,458	(x)	5,906	(x)
1980	59,550	(x)	49,112	(x)	1,733	(x)	8,705	(x)	6,184	(x)
1981	60,309	(x)	49,294	(x)	1,933	(x)	9,082	(x)	6,317	(x)
1982	61,019	(x)	49,630	(x)	1,986	(x)	9,403	(x)	6,413	(x)
1983, total	**61,393**	**100.0**	**49,908**	**100.0**	**2,016**	**100.0**	**9,469**	**100.0**	**6,530**	**100.0**
White	53,407	87.0	45,252	90.7	1,648	81.7	6,507	68.7	(x)	(x)
Black	6,530	10.6	3,486	7.0	309	15.3	2,734	28.9	6,530	100.0
Spanish origin [3]	3,369	5.5	2,448	4.9	153	7.6	767	8.1	(x)	(x)
Size of family:										
2 persons	24,392	39.7	18,736	37.5	1,290	64.0	4,366	46.1	2,131	32.6
3 persons	14,189	23.1	11,063	22.2	448	22.2	2,677	28.3	1,554	23.8
4 persons	13,039	21.2	11,530	23.1	159	7.9	1,350	14.3	1,267	19.4
5 persons	5,970	9.7	5,289	10.6	72	3.6	609	6.4	792	12.1
6 persons	2,329	3.8	2,035	4.1	35	1.7	258	2.7	379	5.8
7 or more persons	1,475	2.4	1,255	2.5	11	.5	209	2.2	406	6.2
Median size [4]	3.26	(x)	3.33	(x)	2.66	(x)	3.04	(x)	3.66	(x)
Own children under age 18:										
None	30,575	49.8	25,544	51.2	1,279	63.4	3,751	39.6	2,639	40.4
1	12,854	20.9	9,730	19.5	477	23.7	2,648	28.0	1,557	23.8
2	11,470	18.7	9,406	18.8	204	10.1	1,859	19.6	1,221	18.7
3	4,492	7.3	3,652	7.3	41	2.0	798	8.4	697	10.7
4 or more	2,002	3.3	1,575	3.2	15	.7	413	4.4	416	6.4
Own children under age 6:										
None	47,593	77.5	38,448	77.0	1,814	90.0	7,330	77.4	4,757	72.8
1	9,477	15.4	7,761	15.6	172	8.5	1,543	16.3	1,230	18.8
2	3,690	6.0	3,174	6.4	29	1.4	487	5.1	434	6.6
3 or more	634	1.0	525	1.1	-	-	108	1.1	109	1.7

- Represents zero or rounds to zero. X Not applicable. [1] No spouse present. [2] Black and other races. [3] Persons of Spanish origin may be of any race. [4] For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388, and earlier reports.

NO. 62. PERSONS IN FAMILIES BY AGE, SEX, AND TYPE OF FAMILY: 1970 TO 1983

[**In millions, except percent.** As of **March.** Based on Current Population Survey. See headnote, table 61]

YEAR AND AGE	PERSONS IN FAMILIES		Male	Female	Married-couple families	FEMALE HOUSEHOLDER [2]		Male householder [2]
	Total	Percent of all persons [1]				Number	Percent of total	
1970: Total	**184.9**	**91.4**	**91.0**	**93.9**	**163.3**	**18.0**	**9.7**	**3.6**
Under 18 years	68.9	98.9	35.0	33.8	60.2	7.8	11.3	.9
18–64 years	102.6	91.1	49.3	53.3	92.2	8.4	8.2	2.0
65 years and over	13.3	67.1	6.6	6.7	10.9	1.8	13.5	.7
1975: Total	**190.5**	**90.9**	**93.7**	**96.8**	**162.9**	**23.2**	**12.2**	**4.4**
Under 18 years	66.0	99.4	33.6	32.4	54.4	10.5	15.9	1.1
18–64 years	109.9	90.0	52.8	57.1	96.2	11.0	10.0	2.6
65 years and over	14.6	69.2	7.3	7.4	12.3	1.8	12.3	.6
1980: Total	**195.9**	**88.0**	**96.0**	**99.8**	**164.2**	**26.9**	**13.7**	**4.7**
Under 18 years	62.8	98.9	32.0	30.7	50.0	11.6	18.5	1.2
18–64 years	116.7	86.5	55.8	61.0	100.4	13.3	11.4	2.9
65 years and over	16.4	68.0	8.3	8.1	13.8	2.0	11.8	.6
1983: Total	**200.4**	**87.4**	**98.2**	**102.1**	**166.2**	**28.8**	**14.4**	**5.4**
Under 18 years	61.6	98.6	31.5	30.2	48.3	12.0	19.4	1.3
18–64 years	121.4	86.1	58.1	63.3	103.1	14.9	12.3	3.4
65 years and over	17.3	67.6	8.7	8.7	14.7	2.0	11.5	.6

[1] Persons in households. [2] No spouse present.

NO. 63. PERCENT DISTRIBUTION OF FAMILIES, BY NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD: 1950 TO 1983

[As of **March,** except as noted. Prior to 1960, excludes Alaska and Hawaii. Except as noted, based on Current Population Survey; see headnote, table 61. See also *Historical Statistics, Colonial Times to 1970,* series A 353–358]

NUMBER OF CHILDREN	1950 [1]	1960 [1]	1965	1970	1975	1978	1979	1980	1981	1982	1983
All families [2]											
(1,000)	**38,453**	**45,128**	**47,956**	**51,586**	**55,712**	**57,215**	**57,804**	**59,550**	**60,309**	**61,019**	**61,393**
Average size	3.60	3.65	3.70	3.58	3.42	3.33	3.31	3.29	3.27	3.25	3.26
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	48.4	43.1	43.4	44.1	46.0	46.9	47.5	47.9	48.2	49.2	49.8
1 child	21.0	18.4	17.7	18.2	19.7	20.3	20.6	20.9	21.1	20.9	20.9
2 children	16.5	18.0	16.8	17.4	18.0	19.0	19.0	19.3	19.2	19.0	18.7
3 children	14.2	10.8	11.0	10.6	9.3	8.8	8.5	7.8	7.7	7.4	7.3
4 or more children		9.7	11.1	9.8	6.9	5.0	4.5	4.1	3.8	3.5	3.3
White families											
(1,000)	**35,021**	**40,873**	**43,189**	**46,261**	**49,451**	**50,530**	**50,910**	**52,243**	**52,710**	**53,269**	**53,407**
Average size	(NA)	3.58	3.64	3.52	3.36	3.28	3.25	3.23	3.20	3.19	3.20
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	48.1	43.1	43.8	44.8	47.2	48.2	48.8	49.3	49.7	50.7	51.3
1 child	21.4	18.7	17.8	18.2	19.4	19.9	20.2	20.5	20.8	20.6	20.4
2 children	17.0	18.5	17.1	17.7	18.0	18.9	18.9	19.1	19.0	18.7	18.6
3 children	13.6	10.9	11.2	10.5	9.2	8.5	8.2	7.5	7.3	6.9	6.8
4 or more children		8.8	10.2	8.8	6.2	4.5	3.8	3.6	3.2	3.0	2.8
Black families											
(1,000)	**[3] 3,432**	**[3] 4,256**	**[3] 4,767**	**4,887**	**5,498**	**5,806**	**5,906**	**6,184**	**6,317**	**6,413**	**6,530**
Average size	(NA)	4.31	4.37	4.13	3.90	3.77	3.74	3.67	3.66	3.65	3.66
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	51.7	43.7	40.1	38.9	36.8	37.3	37.5	38.2	38.7	38.9	40.4
1 child	16.6	15.7	16.8	17.6	22.0	23.3	23.5	23.4	23.4	23.1	23.8
2 children	11.4	12.8	13.8	14.8	17.0	18.6	19.5	20.0	19.9	20.2	18.7
3 children	20.3	9.6	9.9	10.1	10.6	10.9	10.8	10.2	10.4	10.8	10.7
4 or more children		18.3	19.5	18.5	13.6	9.9	8.8	8.2	7.7	7.0	6.4
Spanish origin [4]											
(1,000)	(NA)	(NA)	(NA)	**[1] 2,004**	**2,477**	**2,764**	**2,741**	**3,029**	**3,235**	**3,305**	**3,369**
Average size	(NA)	(NA)	(NA)	(NA)	(NA)	3.88	3.85	3.90	3.87	3.89	3.90
Percent distribution	(NA)	(NA)	(NA)	[1] 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	(NA)	(NA)	(NA)	[1] 29.8	29.4	28.6	30.6	31.2	30.1	31.3	31.6
1 child	(NA)	(NA)	(NA)	[1] 19.5	23.1	25.1	23.6	22.4	24.7	24.3	22.6
2 children	(NA)	(NA)	(NA)	[1] 19.4	19.7	20.7	21.9	23.0	23.3	22.8	24.3
3 children	(NA)	(NA)	(NA)	[1] 13.3	13.4	14.2	13.2	13.4	12.1	12.3	12.1
4 or more children	(NA)	(NA)	(NA)	[1] 18.1	14.5	11.3	10.6	9.9	9.7	9.4	9.4

NA Not available. [1] As of April. Based on Census of Population. [2] Beginning 1970, includes other races, not shown separately. [3] Black and other races. [4] Persons of Spanish origin may be of any race.

Source of tables 62 and 63: U.S. Bureau of the Census, *U.S. Census of Population, 1950, 1960, and 1970,* and *Current Population Reports,* series P-20, No. 388, and earlier reports.

NO. 64. FAMILY HOUSEHOLDS WITH OWN CHILDREN UNDER AGE 18, BY TYPE OF FAMILY: 1970 TO 1983

[As of **March**. Based on Current Population Survey; includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, pp. 1 and 2 and Appendix III]

FAMILY TYPE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Family households with children (1,000)	28,731	29,944	30,037	29,983	30,177	30,137	31,022	31,227	31,012	30,818
Married couple (1,000)	25,532	25,165	25,106	24,868	24,621	24,505	24,961	24,927	24,465	24,364
Male householder [1] (1,000)	341	478	437	471	524	556	616	666	679	737
Female householder [1] (1,000)	2,858	4,301	4,495	4,643	5,031	5,075	5,445	5,634	5,868	5,718
PERCENT DISTRIBUTION										
Family households with children	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Married couple	88.9	84.0	83.6	82.9	81.6	81.3	80.5	79.8	78.9	79.1
Male householder [1]	1.2	1.6	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.4
Female householder [1]	9.9	14.4	15.0	15.5	16.7	16.8	17.6	18.0	18.9	18.6
HOUSEHOLDS WITH CHILDREN, AS A PERCENT OF ALL FAMILY HOUSEHOLDS, BY TYPE										
Family households with children, total	55.8	53.9	53.6	53.1	53.0	52.4	52.1	51.8	50.8	50.2
Married couple	57.1	53.6	53.1	52.4	52.0	51.4	50.8	50.6	49.3	48.8
Male householder [1]	27.8	32.2	30.7	32.2	33.5	34.4	35.5	34.5	34.2	36.6
Female householder [1]	52.0	60.3	61.3	61.6	62.6	61.7	62.6	62.0	62.4	60.4

[1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388 and earlier reports.

NO. 65. CHILDREN UNDER 18 YEARS OLD, BY PRESENCE OF PARENTS AND WHETHER LIVING WITH MOTHER ONLY, BY MARITAL STATUS OF MOTHER: 1980 AND 1983

[As of **March**. Excludes persons under 18 years old who maintained households or family groups. It is likely that most of the sizeable increase in children living with parents is the result of new and more definitive coding procedures introduced by the Census Bureau in 1982. Based on Current Population Survey; see headnote, table 61]

PRESENCE OF PARENTS	Unit	TOTAL [1]		WHITE		BLACK		SPANISH ORIGIN [2]	
		1980	1983	1980	1983	1980	1983	1980	1983
CHILDREN UNDER 18 YEARS OLD									
Number	1,000	63,427	62,281	52,242	50,873	9,375	9,377	5,459	5,513
Living with—									
Both parents	Percent	76.7	74.9	82.7	81.0	42.2	40.7	75.4	68.5
Mother only	Percent	18.0	20.5	13.5	15.0	43.9	51.1	19.6	26.8
Divorced	Percent	7.5	8.3	7.0	7.7	10.9	11.4	5.9	8.0
Married, spouse absent	Percent	5.7	5.3	3.9	3.9	16.2	13.6	8.2	9.9
Single (never married)	Percent	2.8	5.2	1.0	1.9	12.8	23.4	4.0	6.5
Widowed	Percent	2.0	1.7	1.7	1.5	4.0	2.8	1.5	2.4
Father only	Percent	1.7	2.0	1.6	2.0	1.9	2.5	1.5	1.8
Neither parent	Percent	3.7	2.6	2.2	2.0	12.0	5.6	3.4	2.9
CHILDREN UNDER 6 YEARS OLD									
Number	1,000	19,463	20,967	15,885	16,979	2,916	3,300	1,988	1,918
Living with—									
Both parents	Percent	78.9	76.7	85.7	84.1	41.4	38.2	77.4	71.1
Mother only	Percent	15.4	20.1	11.1	13.4	39.5	55.5	18.2	25.3
Divorced	Percent	4.7	5.1	4.6	4.9	5.6	5.7	3.2	4.6
Married, spouse absent	Percent	5.4	5.5	4.1	4.3	12.8	11.8	7.9	9.3
Single (never married)	Percent	4.5	8.8	1.8	3.6	19.4	36.7	6.0	10.2
Widowed	Percent	.8	.7	.6	.5	1.7	1.3	1.0	1.3
Father only	Percent	1.1	1.6	.9	1.5	1.9	2.0	1.0	1.8
Neither parent	Percent	4.6	1.6	2.3	1.1	17.2	4.1	3.5	1.8
CHILDREN 6 TO 17 YEARS OLD									
Number	1,000	43,964	41,314	36,357	33,893	6,459	6,077	3,471	3,595
Living with—									
Both parents	Percent	75.7	73.9	81.4	79.5	42.6	42.1	74.2	67.1
Mother only	Percent	19.1	20.7	14.6	15.8	45.9	48.6	20.4	27.5
Divorced	Percent	8.8	9.8	8.1	9.1	13.3	14.5	7.5	9.8
Married, spouse absent	Percent	5.8	5.3	3.8	3.6	17.7	14.5	8.3	10.2
Single (never married)	Percent	2.0	3.3	.6	1.1	9.9	16.1	2.8	4.5
Widowed	Percent	2.6	2.2	2.1	1.9	5.0	3.6	1.9	3.0
Father only	Percent	1.9	2.3	1.9	2.2	1.9	2.8	1.8	1.8
Neither parent	Percent	3.3	3.1	2.1	2.5	9.6	6.5	3.4	3.5

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 389 and earlier reports.

No. 66. Female Family Householders With No Spouse Present, by Race and Presence of Children: 1960 to 1983

[**In thousands, except percent. 1960 to 1975** covers persons 14 years old and over; beginning **1980** covers persons 15 years old and over. **1960** census data as of **April**; thereafter based on Current Population Survey as of **March**. See headnote, table 61]

ITEM	1960	1970	1975	1980	1982	1983	WITH 1 OR MORE OWN CHILDREN, UNDER 18			
							1960	1970	1980	1983
Total families [1]	**45,128**	**51,586**	**55,712**	**59,550**	**61,019**	**61,393**	**25,661**	**28,812**	**31,022**	**30,818**
Female family householders	4,194	5,591	7,242	8,705	9,403	9,469	1,891	2,926	5,445	5,718
Percent of all families	9.3	10.8	13.0	14.6	15.4	15.4	7.4	10.2	17.6	18.6
Percent under 35 years old	17.7	24.4	32.5	34.6	34.3	33.5	35.0	43.1	52.4	51.4
White families	40,873	46,261	49,451	52,243	53,269	53,407	23,264	25,543	26,474	26,006
Female family householders	3,305	4,165	5,212	6,052	6,620	6,507	1,394	1,995	3,558	3,707
Percent of White families	8.1	9.0	10.5	11.6	12.4	12.2	6.0	7.8	13.4	14.3
Percent under 35 years old	14.7	20.8	29.0	30.8	30.8	29.5	30.7	39.8	49.2	47.3
Black families	[2] 4,256	4,887	5,498	6,184	6,413	6,530	[2]2,397	2,984	3,820	3,890
Female family householders	[2] 889	1,382	1,940	2,495	2,605	2,734	[2]497	912	1,793	1,862
Percent of Black families	20.9	28.3	35.3	40.3	40.6	41.9	20.7	30.6	46.9	47.9
Percent under 35 years old	28.7	35.2	42.4	44.0	42.6	42.7	47.1	50.0	59.1	59.9

[1] Beginning 1970, includes other races not shown separately. [2] Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1960*, vol. I, and *Current Population Reports*, series P-20, No. 388 and earlier reports.

No. 67. Female Family Householders With No Spouse Present—Characteristics, by Race: 1960 to 1983

[See headnote, table 66. **1970** data unrevised, therefore data will not agree with table 66]

CHARACTERISTIC	WHITE					BLACK				
	1960	1970	1980	1982	1983	1960 [1]	1970	1980	1982	1983
Female family householder (1,000)	**3,305**	**4,185**	**6,052**	**6,620**	**6,507**	**889**	**1,349**	**2,495**	**2,605**	**2,734**
Median age (years)	52.2	50.4	43.7	42.7	43.1	43.8	41.3	37.4	37.8	38.2
Percent, by marital status:										
Single (never married)	11.8	9.2	10.6	11.0	12.1	10.8	16.2	27.3	32.5	32.9
Married, spouse absent	17.6	18.5	16.9	17.5	16.4	37.4	39.7	28.6	25.6	23.6
Separated	9.6	11.4	13.9	15.0	14.1	30.2	33.8	26.8	24.1	21.9
Other	7.9	7.2	3.0	2.5	2.3	7.2	5.9	1.8	1.5	1.7
Widowed	52.5	47.0	32.7	28.6	30.0	40.2	29.9	22.2	19.7	19.5
Divorced	18.1	25.3	39.8	42.9	41.5	11.6	14.2	21.9	22.1	24.0
Percent, by presence of children under 18:										
No own children	57.8	52.0	41.2	40.7	43.0	44.4	33.5	28.1	30.1	31.9
With own children	42.2	48.0	58.8	59.3	57.0	55.6	66.6	71.9	69.9	68.1
1 child	19.2	18.8	28.1	29.6	28.2	16.9	19.1	26.3	26.2	27.3
2 children	12.0	15.0	19.9	19.8	19.0	12.8	14.4	23.2	22.1	21.3
3 children	6.1	7.8	7.4	6.8	6.8	9.4	12.5	11.1	13.2	12.0
4 or more children	5.0	6.4	3.4	3.1	3.0	16.5	20.6	11.3	8.3	7.6
Mean number of children	.85	1.00	1.03	1.02	.99	1.57	1.83	1.51	1.39	1.33
Children under 18 (mil.) [2]	54.5	58.5	52.0	50.8	50.6	8.4	9.3	9.3	9.3	9.3
Percent living with—										
Both parents	91.9	88.1	83.1	81.2	81.4	69.2	58.7	42.8	42.8	41.0
Mother only	6.2	8.6	13.6	15.4	15.0	20.6	30.8	44.5	47.5	51.5

[1] Black and other races. [2] Excludes persons maintaining households or family groups, those in group quarters, and children living with neither a parent nor a related householder.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 388, series P-23, No. 50, and unpublished data.

No. 68. Families Not Maintained by Married Couple: 1970 to 1983

[Covers persons 18 years old and over. As of **March**. See headnote, table 61]

CHARACTERISTIC	NUMBER (1,000)							PERCENT BY MARITAL STATUS			
	1970	1975	1979	1980	1981	1982	1983	1970	1975	1980	1983
Total	**6,806**	**8,718**	**10,074**	**10,431**	**11,005**	**11,381**	**11,476**	(X)	(X)	(X)	(X)
Male householder	**1,229**	**1,492**	**1,641**	**1,733**	**1,931**	**1,984**	**2,013**	**100.0**	**100.0**	**100.0**	**100.0**
Married, wife absent	197	319	252	269	309	274	288	16.0	21.4	15.5	14.3
Widowed	422	387	384	421	399	364	423	34.3	25.9	24.3	21.0
Divorced	194	340	460	485	607	681	696	15.8	22.8	28.0	34.5
Single (never married)	416	446	545	558	617	664	606	33.8	29.9	32.2	30.1
Female householder	**5,577**	**7,226**	**8,433**	**8,698**	**9,074**	**9,397**	**9,463**	**100.0**	**100.0**	**100.0**	**100.0**
Married, husband absent	1,323	1,641	1,769	1,769	1,864	1,860	1,763	23.7	22.7	20.3	18.6
Widowed	2,396	2,559	2,465	2,570	2,463	2,461	2,548	43.0	35.4	29.5	26.9
Divorced	1,259	2,109	2,807	3,008	3,277	3,478	3,433	22.6	29.2	34.6	36.3
Single (never married)	598	917	1,392	1,353	1,471	1,599	1,720	10.7	12.7	15.6	18.2

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 389 and earlier reports; and unpublished data.

NO. 69. NONFAMILY HOUSEHOLDERS, BY MARITAL STATUS: 1970 TO 1983

[**In thousands of persons. 1970, 14 years old and over; 1980 and 1983, 15 years old and over.** As of **March.** Based on Current Population Survey; see headnote, table 61]

MARITAL STATUS	1970	1980	1983				MARITAL STATUS	1970	1980	1983			
			Total	Under 35 yr.	35–64 yr.	65 yr. old and over				Total	Under 35 yr.	35–64 yr.	65 yr. old and over
Males	**4,063**	**8,807**	**9,514**	**4,280**	**3,515**	**1,718**	**Females**	**7,882**	**12,419**	**13,011**	**2,865**	**3,790**	**6,356**
Single	1,765	4,371	4,654	3,258	1,104	293	Single	1,608	3,302	3,459	2,212	767	480
Married [1]	545	1,051	1,067	320	596	152	Married [1]	516	675	642	158	330	154
Widowed	996	1,177	1,281	4	254	1,023	Widowed	4,915	6,569	6,698	18	1,411	5,269
Divorced	756	2,209	2,511	699	1,561	252	Divorced	844	1,873	2,212	477	1,282	453

[1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 389 and earlier reports; and unpublished data.

NO. 70. NONFAMILY HOUSEHOLDS, BY AGE OF HOUSEHOLDER AND PRESENCE OF NONRELATIVES: 1970 TO 1983

[**1970, persons 14 years old and over; 1980 and 1983, 15 years old and over.** See headnote, table 61]

ITEM	NONFAMILY HOUSEHOLDS		MALE HOUSEHOLDER (1,000)					FEMALE HOUSEHOLDER (1,000)				
	Total (1,000)	Percent	Total	15–24 yr.	25–44 yr.	45–64 yr.	65 yr. old and over	Total	15–24 yr.	25–44 yr.	45–64 yr.	65 yr. old and over
1970 (April), total	**12,430**	**100.0**	**4,629**	**[1]571**	**1,346**	**1,395**	**1,318**	**7,801**	**[1]512**	**815**	**2,577**	**3,897**
1-person (living alone)	11,115	89.4	3,965	[1]345	1,134	1,263	1,224	7,150	[1]328	695	2,421	3,706
Nonrelatives present	1,315	10.6	664	[1]226	212	132	94	651	[1]184	120	156	191
1980 (March), total	**21,226**	**100.0**	**8,807**	**1,567**	**3,854**	**1,822**	**1,565**	**12,419**	**1,189**	**2,198**	**3,048**	**5,983**
1-person (living alone)	18,296	86.2	6,966	947	2,920	1,613	1,486	11,330	779	1,809	2,901	5,842
Nonrelatives present	2,930	13.8	1,841	620	934	209	79	1,089	410	389	147	141
1983 (March), total	**22,525**	**100.0**	**9,514**	**1,233**	**4,606**	**1,956**	**1,718**	**13,011**	**1,025**	**2,643**	**2,987**	**6,356**
1-person (living alone)	19,250	85.5	7,451	672	3,441	1,714	1,624	11,799	631	2,135	2,801	6,232
Nonrelatives present	3,275	14.5	2,062	561	1,165	243	95	1,212	394	508	186	124

[1] Persons 14–24 years old.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. II, part 4B; *Current Population Reports,* series P-20, Nos. 388 and 389.

NO. 71. PERSONS LIVING ALONE, BY SEX AND AGE: 1960 TO 1983

[**1960** census data as of **April;** thereafter, based on Current Population Survey as of **March.** See headnote, table 61]

SEX AND AGE	NUMBER OF PERSONS (1,000)							PERCENT DISTRIBUTION				
	1960	1970	1975	1980	1981	1982	1983	1960	1970	1975	1980	1983
Both sexes	**7,064**	**10,851**	**13,939**	**18,296**	**18,936**	**19,354**	**19,250**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
14–24 years [1]	234	556	1,111	1,726	1,651	1,511	1,303	3.3	5.1	8.0	9.4	6.8
25–44 years	1,212	1,604	2,744	4,729	5,138	5,560	5,576	17.2	14.8	19.7	25.8	29.0
45–64 years	2,720	3,622	4,076	4,514	4,663	4,611	4,515	38.5	33.4	29.2	24.7	23.5
65 years old and over	2,898	5,071	6,008	7,328	7,484	7,673	7,856	41.0	46.7	43.1	40.1	40.8
Male	**2,628**	**3,532**	**4,918**	**6,966**	**7,253**	**7,482**	**7,451**	**37.2**	**32.5**	**35.3**	**38.1**	**38.7**
14–24 years [1]	124	274	610	947	899	841	672	1.8	2.5	4.4	5.2	3.5
25–44 years	686	933	1,689	2,920	3,189	3,365	3,441	9.7	8.6	12.1	16.0	17.9
45–64 years	965	1,152	1,329	1,613	1,715	1,784	1,714	13.7	10.6	9.5	8.8	8.9
65 years old and over	853	1,174	1,290	1,486	1,450	1,492	1,624	12.1	10.8	9.3	8.1	8.4
Female	**4,436**	**7,319**	**9,021**	**11,330**	**11,683**	**11,872**	**11,799**	**62.8**	**67.5**	**64.7**	**61.9**	**61.3**
14–24 years [1]	110	282	501	779	752	670	631	1.6	2.6	3.6	4.3	3.3
25–44 years	526	671	1,055	1,809	1,949	2,196	2,135	7.4	6.2	7.6	9.9	11.1
45–64 years	1,755	2,470	2,747	2,901	2,948	2,826	2,801	24.8	22.8	19.7	15.9	14.6
65 years old and over	2,045	3,897	4,718	5,842	6,034	6,180	6,232	28.9	35.9	33.8	31.9	32.4

[1] Beginning 1980, persons 15–24 years old.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* Subject Report, PC(2)-4B; *Current Population Reports,* series P-20, No. 389 and earlier reports; and unpublished data.

NO. 72. POPULATION IN INSTITUTIONS AND OTHER GROUP QUARTERS, BY SEX, RACE, AND TYPE OF QUARTERS: 1960 TO 1980

[**In thousands.** As of **April 1.** Based on sample data and subject to sampling variability; see text, p. 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series A 359-371, for inmates of institutions]

RACE AND TYPE OF QUARTERS	1960	1970			1980		
		Total	Male	Female	Total	Male	Female
Total	**4,902**	**5,766**	**3,438**	**2,349**	**5,738**	**3,153**	**2,586**
White	4,253	5,037	2,909	2,129	4,631	2,368	2,263
Black and other	649	749	529	220	1,107	785	323
Institutional inmates	1,887	2,127	1,126	1,000	2,492	[1] 1,231	[1] 1,261
Homes for the aged and dependent	470	928	299	629	1,426	422	1,004
Mental hospitals and residential treatment centers	630	434	245	189	255	(NA)	(NA)
Correctional institutions	346	328	314	15	466	439	27
Tuberculosis hospitals	65	17	12	5	8	(NA)	(NA)
Chronic disease hospitals (excl. TB and mental)	42	67	38	29	61	(NA)	(NA)
Homes and schools for the mentally handicapped	175	202	114	88	149	(NA)	(NA)
Homes and schools for the physically handicapped	24	23	16	6	27	(NA)	(NA)
Homes for dependent and neglected children	73	48	28	19	38	(NA)	(NA)
Homes for unwed mothers	3	4	(Z)	4	2	(NA)	(NA)
Training schools for juvenile delinquents	46	66	53	14	42	(NA)	(NA)
Detention homes	11	10	7	4	17	(NA)	(NA)
College dormitories	829	1,765	891	874	1,994	989	1,006
Military quarters	868	1,025	1,005	20	671	613	58
Rooming and boarding houses	634	330	191	139	176	107	69
Other	684	539	224	315	404	212	192

NA Not available. Z Fewer than 500. [1] Includes inmates of other types of institutions, not available separately.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, chapter D, and vol. II; *Census of Population: 1970,* vols. I and II; and *1980 Census of Population,* vol. 2 (PC80-2-4D).

NO. 73. POPULATION IN GROUP QUARTERS, BY SELECTED TYPE—STATES: 1980

[As of **April 1.** Based on a sample and subject to sampling variability, see text, p.1 and Appendix III. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION AND STATE	Total persons in group quarters [1]	Inmates of mental hospitals	Inmates of homes for the aged	In college dormitory
U.S	**5,738,423**	**245,029**	**1,426,371**	**1,994,282**
Regions:				
Northeast	1,289,828	80,652	327,319	512,126
Midwest	1,497,156	57,029	472,568	580,885
South	1,928,537	71,051	396,554	655,598
West	1,022,902	36,297	229,930	245,673
N.E	**408,149**	**16,248**	**106,344**	**187,896**
ME	36,936	1,259	9,570	15,705
NH	29,556	700	6,673	16,454
VT	20,992	550	4,354	13,597
MA	197,940	8,568	49,728	93,690
RI	33,995	1,500	8,146	16,314
CT	88,730	3,671	27,873	32,136
M.A	**881,679**	**64,404**	**220,975**	**324,230**
NY	448,898	36,078	114,276	155,061
NJ	135,512	8,807	34,414	37,227
PA	297,269	19,519	72,285	131,942
E.N.C	**972,160**	**40,848**	**296,088**	**378,958**
OH	228,653	11,102	71,479	90,229
IN	145,755	5,606	40,112	72,654
IL	271,054	9,975	80,410	89,020
MI	197,786	9,620	55,805	79,033
WI	128,912	4,545	48,282	48,022
W.N.C	**524,996**	**16,181**	**176,480**	**201,927**
MN	118,738	4,732	44,553	43,086
IA	96,389	2,637	36,217	41,849
MO	127,643	4,117	37,942	47,243
ND	27,118	1,129	7,486	10,977
SD	26,154	559	8,087	10,744
NE	48,493	805	17,650	19,120
KS	80,461	2,202	24,545	28,908
S.A	**992,590**	**41,254**	**163,080**	**331,459**
DE	16,223	560	2,771	7,616
MD	94,182	6,141	19,821	31,613
DC	31,795	2,215	2,866	15,974
VA	176,852	9,723	24,323	58,296
WV	34,869	1,443	6,355	17,534
NC	194,682	5,220	29,596	78,207
SC	105,874	4,190	11,666	37,931
GA	142,344	3,674	29,376	39,897
FL	195,769	8,088	36,306	44,391
E.S.C	**357,085**	**13,496**	**77,060**	**138,284**
KY	103,368	2,067	23,591	34,247
TN	111,441	6,215	22,014	47,525
AL	77,991	2,560	18,702	29,059
MS	64,285	2,654	12,753	27,453
W.S.C	**578,862**	**16,301**	**156,414**	**185,855**
AR	51,610	1,394	18,631	19,226
LA	96,375	3,936	22,776	35,467
OK	90,189	1,580	25,732	34,678
TX	340,688	9,391	89,275	96,484
Mt	**234,371**	**6,808**	**47,139**	**84,004**
MT	20,128	747	5,479	8,160
ID	18,985	510	5,084	6,295
WY	9,037	608	2,198	3,657
CO	74,198	1,964	16,109	25,691
NM	22,573	622	2,585	8,302
AZ	51,999	1,358	8,424	18,689
UT	25,339	656	4,921	10,887
NV	12,112	343	2,339	2,323
Pac	**788,531**	**29,489**	**182,791**	**161,669**
WA	109,060	3,275	27,970	30,302
OR	57,616	2,357	16,052	20,226
CA	566,056	23,118	134,756	104,292
AK	16,243	154	854	1,371
HI	39,556	585	3,159	5,478

[1] Includes persons in other group quarters, not shown separately.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter C (PC80-1-C).

NO. 74. RELIGIOUS BODIES—SELECTED DATA

[Represents latest information available from religious bodies with memberships of 50,000 or more; excludes a few groups giving no data. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of persons living in Jewish households including as a consequence of intermarriage, approximately 7.4 percent non-Jewish persons. Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 13 years of age; however, many Lutheran bodies and The Episcopal Church now report all baptized persons, and not only those confirmed. Data which appear in italics are "noncurrent," i.e., they are reported for **1981 or earlier.** All other data are "current" and were reported in **1982** or **1983**]

RELIGIOUS BODY	Year	Churches reported	Member-ship (1,000)	Pastors serving parishes	Sunday school enrollment[1] (1,000)
Total	(X)	**341,111**	**139,603**	**329,802**	**32,182**
Bodies with membership of 50,000 or more	(X)	**327,178**	**138,102**	**316,465**	**32,070**
Current data	(X)	216,006	108,362	232,328	32,070
Noncurrent data	(X)	*111,172*	*29,740*	*84,137*	(NA)
African Methodist Episcopal Church	*1981*	*6,200*	*2,210*	*6,050*	(NA)
African Methodist Episcopal Zion Church	1982	6,023	1,134	6,000	193
American Baptist Association	1982	1,641	225	(NA)	(NA)
American Baptist Churches in the U.S.A.	*1981*	*5,939*	*1,622*	*4,034*	(NA)
American Carpatho-Russian Orthodox Greek Catholic Church	*1976*	*70*	*100*	*61*	(NA)
American Lutheran Church, The	1982	4,897	2,347	4,537	587
Antiochian Orthodox Christian Archdiocese of North America, The	*1977*	*110*	*152*	*120*	(NA)
Apostolic Overcoming Holy Church of God	*1956*	*300*	*75*	*300*	(NA)
Armenian Apostolic Church of America	*1972*	*29*	*125*	*23*	(NA)
Armenian Church of America, Diocese of the (incl. Diocese of California)	*1979*	*66*	*450*	*45*	(NA)
Assemblies of God	1982	10,173	1,879	14,346	1,422
Baptist General Conference	1982	721	130	964	97
Baptist Missionary Association of America	1982	1,386	227	3,500	102
Buddhist Churches of America	1983	62	100	69	4
Bulgarian Eastern Orthodox Church (Diocese of N. and S. America and Australia)	*1971*	*13*	*86*	(NA)	(NA)
Christian and Missionary Alliance, The	1982	1,485	205	1,412	165
Christian Church (Disciples of Christ)	1982	4,291	1,156	3,983	350
Christian Churches and Churches of Christ	*1981*	*5,605*	*1,063*	*6,121*	(NA)
Christian Congregation, Inc., The	1982	1,435	101	1,435	58
Christian Methodist Episcopal Church	*1981*	*2,883*	*787*	*2,483*	(NA)
Christian Reformed Church in North America	1982	648	224	589	53
Church of God, The	*1978*	*2,035*	*76*	*1,910*	(NA)
Church of God (Anderson, IN)	1982	2,275	185	1,888	222
Church of God (Cleveland, TN)	1982	5,284	464	9,973	509
Church of God in Christ, The	1982	9,982	3,710	9,204	2,315
Church of God in Christ, International, The	1982	300	200	700	(NA)
Church of God of Prophecy, The	1982	2,026	74	(NA)	100
Church of Jesus Christ of Latter-day Saints, The	1982	7,839	3,521	23,517	3,298
Church of the Brethren	1982	1,063	169	(NA)	61
Church of the Nazarene	1982	4,902	498	4,003	811
Churches of Christ	1982	12,750	1,605	(NA)	950
Community Churches, National Council of	*1979*	*185*	*190*	*210*	(NA)
Congregational Christian Churches, National Association of	1983	458	106	481	(NA)
Conservative Baptist Association of America	1982	1,140	225	(NA)	(NA)
Coptic Orthodox Church	1983	29	100	27	(NA)
Cumberland Presbyterian Church	1982	856	98	498	49
Episcopal Church, The	1982	7,095	2,794	7,549	556
Evangelical Covenant Church of America, The	1982	550	81	465	70
Evangelical Free Church of America	1983	853	111	1,056	(NA)
Evangelical Lutheran Churches, The Association of	1982	272	111	334	23
Free Methodist Church of North America	1982	1,012	71	900	106
Free Will Baptists	1982	2,505	244	2,815	195
Friends United Meeting	1982	535	59	274	28
Full Gospel Fellowship of Churches and Ministers, International	1983	401	65	809	45
General Association of Regular Baptist Churches	*1981*	*1,571*	*301*	*2,000*	(NA)
General Baptist (General Association of)	*1981*	*870*	*75*	(NA)	(NA)
Greek Orthodox Archdiocese of North and South America	*1977*	*535*	*1,950*	*610*	(NA)
Independent Fundamental Churches of America	*1980*	*1,019*	*120*	*782*	(NA)
International Church of the Foursquare Gospel	*1963*	*714*	*89*	*741*	(NA)
Jehovah's Witnesses	1982	7,752	619	(X)	(X)
Jews[2]	1982	3,500	5,725	3,060	(NA)
Lutheran Church in America	1982	5,815	2,926	5,124	671

See footnotes at end of table.

NO. 74. RELIGIOUS BODIES—SELECTED DATA—Continued

[See headnote, p. 50]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment [1] (1,000)
Bodies with membership of 50,000 or more—Con.					
Lutheran Church—Missouri Synod, The	1982	5,752	2,631	4,879	643
Mennonite Church	1982	1,179	102	1,785	115
National Baptist Convention of America	*1956*	*11,398*	*2,669*	*7,598*	(NA)
National Baptist Convention, U.S.A., Inc	*1958*	*26,000*	*5,500*	*26,000*	(NA)
National Primitive Baptist Convention, Inc	*1975*	*606*	*250*	*460*	(NA)
North American Old Roman Catholic Church	1982	130	62	107	12
Old Order Amish Church	*1981*	*589*	*82*	(NA)	(NA)
Orthodox Church in America	*1978*	*440*	*1,000*	*457*	(NA)
Pentecostal Church of God	1982	1,107	91	(NA)	70
Pentecostal Holiness Church	*1977*	*2,340*	*86*	*1,329*	(NA)
Plymouth Brethren	1983	1,100	98	(NA)	(NA)
Polish National Catholic Church of America	*1960*	*162*	*282*	*141*	(NA)
Presbyterian Church in America	1982	797	150	(NA)	75
Presbyterian Church in the United States [3]	1982	4,250	815	3,339	375
Primitive Baptists	*1960*	*1,000*	*72*	(NA)	(NA)
Progressive National Baptist Convention, Inc	*1967*	*655*	*522*	(NA)	(NA)
Reformed Church in America	1982	915	346	842	104
Reorganized Church of Jesus Christ of Latter-day Saints	1982	1,061	201	16,533	(NA)
Roman Catholic Church, The	1982	24,071	52,089	35,356	7,852
Russian Orthodox Church in the U.S.A., Patriarchal Parishes of the	*1975*	*41*	*52*	*55*	(NA)
Russian Orthodox Church Outside of Russia, The	*1955*	*81*	*55*	*92*	(NA)
Salvation Army, The	1982	1,060	419	2,344	103
Serbian Eastern Orthodox Church for the U.S.A. and Canada	1982	75	97	57	3
Seventh-day Adventists	1982	3,826	606	2,038	449
Southern Baptist Convention	1982	36,246	13,992	35,800	7,670
Triumph the Church and Kingdom of God in Christ (International)	*1972*	*475*	*54*	*860*	(NA)
Ukrainian Orthodox Church in the U.S.A	*1966*	*107*	*88*	*107*	(NA)
Unitarian Universalist Association	1982	935	132	473	36
United Church of Christ	1982	6,461	1,717	5,171	471
United Free Will Baptist Church	*1952*	*836*	*100*	*784*	(NA)
United Methodist Church, The	*1981*	*38,298*	*9,457*	*20,764*	(NA)
United Pentecostal Church, International	1982	3,300	465	3,521	(NA)
United Presbyterian Church in the U.S.A., The [3]	1982	8,909	2,342	8,217	803
Wesleyan Church, The	1982	1,725	105	1,319	202
Wisconsin Evangelical Lutheran Synod	1982	1,151	413	1,035	47
Bodies with membership of less than 50,000	(X)	**13,933**	**1,501**	**13,337**	**112**

NA Not available. X Not applicable. [1] Includes pupils, officers, and teachers. [2] Estimate of size of Jewish community provided by American Jewish Yearbook. [3] In 1983, the Presbyterian Church in the United States and the United Presbyterian Church in the U.S.A. merged to form Presbyterian Church (U.S.A.).

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual. (Copyright.)

NO. 75. RELIGIOUS BODIES—CHURCH MEMBERSHIP, 1960 TO 1982, AND NUMBER OF CHURCHES, 1982

[Membership in thousands, except as indicated. See headnote, table 74. See also *Historical Statistics, Colonial Times to 1970*, series H 793-799]

RELIGIOUS BODY	MEMBERSHIP						Number of churches, 1982
	1960	1965	1970	1975	1980	1982	
Total	**114,449**	**124,682**	**131,045**	**131,013**	**134,817**	**139,603**	**341,111**
Members as percent of population [1]	64	64	63	61	59	60	(X)
Average members per local church	359	382	399	393	401	409	(X)
Buddhist Churches of America	20	92	100	60	60	100	62
Eastern Churches	2,699	3,172	3,850	3,696	3,823	3,860	1,632
Jews [2]	5,367	5,600	5,870	6,115	5,920	5,725	3,500
Old Catholic, Polish National Catholic, and Armenian Churches	590	484	848	846	924	925	427
The Roman Catholic Church	42,105	46,246	48,215	48,882	50,450	52,089	24,071
Protestants [3]	63,669	69,088	71,713	71,043	73,479	76,754	310,284
Miscellaneous [4]			449	372	161	151	1,135

X Not applicable. [1] Based on Bureau of the Census estimated total population as of July 1. [2] Estimates of the Jewish community including those identified with Orthodox, Conservative and Reformed synagogues or temples. [3] Includes nonprotestant bodies such as "Latter-day Saints" and "Jehovah's Witnesses." [4] Includes non-Christian bodies such as "Spiritualists," "Ethical Culture Movement," and "Unitarian-Universalists."

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual. (Copyright.)

No. 76. Church Attendance, 1958 to 1983, and by Selected Characteristics, 1983

[**In percent.** Represents percent of population, 18 years old and over, who attended a church or synagogue in the last seven days. Data represent averages of the combined results of several surveys during year. Data are subject to sampling variability, see source]

YEAR	Persons attending church/ synagogue	YEAR	AGE			SEX AND REGION	1983
			Under 30 years old	30–49 years old	50 years old and over		
1958	49	1958	48	51	48	Male	37
1960	47	1967	40	46	47	Female	43
1967	43						
1970	42	1977	29	42	48	East[1]	37
1977	41	1980	31	40	47	Midwest[2]	35
1980	40	1981	32	42	47	South[3]	42
1981	41					West[4]	43
1983	40						

[1] ME, NH, RI, NY, CT, VT, MA, NJ, PA, WV, DE, MD, and DC. [2] OH, IN, IL, MI, MN, WI, IA, ND, SD, KS, NE, and MO. [3] KY, TN, VA, NC, SC, GA, FL, AL, MS, TX, AR, OK, and LA. [4] AZ, NM, CO, NV, MT, ID, WY, UT, CA, WA, OR, AK, and HI.

Source: Gallup Opinion Poll, Princeton, NJ, "Religion in America" in *The Gallup Report*, periodic.

No. 77. Christian Church Adherents, 1980, and Jewish Population, 1983—States

[Christian church adherents were defined as "all members, including full members, their children and the estimated number of other regular participants who are not considered as communicant, confirmed or full members." Data on Christian church adherents are based on reports of 111 church bodies and exclude 18 church bodies that reported more than 100,000 members to the *Yearbook of American and Canadian Churches* (see table 74): African Methodist Episcopal Church; Progressive National Baptist Convention, Inc.; National Primitive Baptist Convention, Inc.; National Baptist Convention, U.S.A., Inc.; National Baptist Convention of America; Church of God in Christ, International; Church of God in Christ; Jehovah's Witnesses; United Pentecostal Church International; Polish National Catholic Church of America; General Association of Regular Baptist Churches; Free Will Baptists; Church of God of Prophecy; National Council of Community Churches; Reorganized Church of Jesus Christ of Latter Day Saints; Independent Fundamental Churches of America; Pentecostal Church of God of America, Inc.; and Wesleyan Church. Data on Jewish population are based primarily on a compilation of individual estimates made by local Jewish federations. Most such estimates are made by multiplying the number of families by the average size of household and thus it may include some non-Jews living in Jewish households. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	CHRISTIAN CHURCH ADHERENTS, 1980		JEWISH POPULATION, 1983		DIVISION AND STATE	CHRISTIAN CHURCH ADHERENTS, 1980		JEWISH POPULATION, 1983	
	Number (1,000)	Percent of population[1]	Number (1,000)	Percent of population[1]		Number (1,000)	Percent of population[1]	Number (1,000)	Percent of population[1]
U.S.	**111,736**	**49.3**	**5,728**	**2.4**	**So. Atl**	**16,247**	**44.0**	**847**	**2.2**
Region:					DE	238	40.1	10	1.7
Northeast	27,029	55.0	3,099	6.3	MD	1,673	39.7	200	4.6
Midwest	31,204	53.0	685	1.2	DC	304	47.6	30	4.8
South	37,516	49.8	995	1.3	VA	2,221	41.5	59	1.1
West	15,986	37.0	949	2.1	WV	772	39.6	4	.2
					NC	3,169	53.9	15	.2
N. Eng	**7,381**	**59.8**	**396**	**3.2**	SC	1,603	51.3	9	.3
ME	461	41.0	8	.7	GA	2,560	46.9	41	.7
NH	407	44.2	6	.6	FL	3,707	38.0	479	4.5
VT	244	47.7	2	.4					
MA	3,669	64.0	249	4.3	**E. So. Cent**	**8,079**	**55.1**	**43**	**.3**
RI	710	75.0	22	2.3	KY	1,979	54.1	13	.4
CT	1,890	60.8	109	3.5	TN	2,485	54.1	18	.4
					AL	2,230	57.3	9	.2
Mid. Atl	**19,649**	**53.4**	**2,703**	**7.3**	MS	1,385	54.9	3	.1
NY	8,548	48.7	1,869	10.6					
NJ	3,923	53.3	425	5.7	**W. So. Cent**	**13,189**	**55.5**	**105**	**.4**
PA	7,177	60.5	408	3.4	AR	1,282	56.1	3	.1
					LA	2,404	57.2	18	.4
E. No. Cent	**20,969**	**50.3**	**539**	**1.3**	OK	1,751	57.9	7	.2
OH	5,306	49.1	138	1.3	TX	7,752	54.5	77	.5
IN	2,451	44.6	21	.4					
IL	6,251	54.7	262	2.3	**Mt**	**5,241**	**46.1**	**119**	**1.0**
MI	3,932	42.5	87	1.0	MT	348	44.2	1	.1
WI	3,029	64.4	31	.7	ID	472	50.0	1	.1
					WY	207	44.0	(Z)	(Z)
W. No. Cent	**10,235**	**59.6**	**146**	**.8**	CO	1,052	36.4	42	1.3
MN	2,644	64.9	32	.8	NM	767	58.9	5	.4
IA	1,781	61.1	7	.2	AZ	1,065	39.2	49	1.7
MO	2,613	53.1	85	1.7	UT	1,097	75.1	3	.2
ND	482	73.8	1	.1	NV	233	29.1	18	2.0
SD	462	66.9	1	.1					
NE	990	63.1	8	.5	**Pac**	**10,745**	**33.8**	**830**	**2.5**
KS	1,262	53.4	12	.5	WA	1,275	30.9	22	.5
					OR	946	35.9	12	.5
					CA	8,082	34.1	789	3.1
					AK	123	30.6	1	.2
					HI	319	33.1	6	.6

Z Fewer than 500 or less than .05 percent. [1] Based on U.S. Bureau of the Census data for resident population enumerated as of April 1, 1980 and estimated as of July 1983.

Source: Christian church adherents—B. Quinn, H. Anderson, M. Bradley, P. Goetting, and P. Shriver, *Churches and Church Membership in the United States 1980*, Glenmary Research Center, Atlanta, GA, 1982 (copyright); Jewish population—American Jewish Committee and the American Jewish Publication Society, New York, NY, *American Jewish Yearbook*.

NO. 78. RELIGIOUS BODIES—CHURCH CONTRIBUTIONS

[Data are for 40 U.S. Communions reporting primarily in 1982, although a few report 1981 or 1983 data. Data are incomplete as not all U.S. churches have current data available. For additional data, see source]

RELIGIOUS BODY	CONTRIBUTIONS		Congregational finances ($1,000)	BENEVOLENCES [2]	
	Total ($1,000)	Per capita inclusive membership [1]		Total ($1,000)	Percent of total contributions
United States Communions	**10,902,028**	**$240.73**	**8,801,589**	**2,100,439**	**19.3**
American Baptist Churches in the U.S.A.	267,978	165.24	227,932	40,046	14.9
American Lutheran Church, The	436,859	186.16	359,849	77,010	17.6
Baptist General Conference	67,361	518.45	54,409	12,951	19.2
Christian and Missionary Alliance, The	93,802	458.21	74,714	19,088	20.4
Christian Church (Disciples of Christ)	261,486	226.11	227,179	34,308	13.1
Church of God General Conference, Oregon, Illinois	2,283	394.87	1,865	418	18.3
Church of God (Anderson, Indiana)	102,068	552.66	84,897	17,172	16.8
Church of the Brethren	47,909	283.75	35,065	12,844	26.8
Church of the Lutheran Confession	2,077	231.19	1,696	381	18.3
Church of the Nazarene	256,278	514.11	221,948	34,330	13.4
Churches of God, General Conference	12,091	353.11	9,837	2,254	18.6
Conservative Congregational Christian Conference	11,805	453.89	9,230	2,575	21.8
Cumberland Presbyterian Church	21,304	217.80	18,600	2,704	12.7
Episcopal Church, The	778,184	278.51	658,936	119,248	15.3
Evangelical Congregational Church	9,088	228.85	7,196	1,891	20.8
Evangelical Covenant Church of America, The	51,430	632.42	42,600	8,831	17.2
Evangelical Lutheran Synod	4,573	228.35	3,768	805	17.6
Evangelical Mennonite Brethren Conference	1,718	839.10	697	1,021	59.4
Evangelical Mennonite Church	2,717	709.14	1,986	732	26.9
Free Methodist Church of North America	43,108	610.10	35,056	8,052	18.7
Friends United Meeting	12,931	217.93	10,334	2,597	20.1
Latvian Evangelical Lutheran Church in America, The	1,793	132.56	1,600	193	10.8
Lutheran Church in America	518,782	177.32	435,565	83,217	16.0
Lutheran Church—Missouri Synod, The	543,926	206.75	468,468	75,458	13.9
Mennonite Church	51,564	508.02	33,583	17,981	34.9
Missionary Church, Inc	21,425	844.46	17,400	4,025	18.8
Moravian Church in America, Northern Province	6,862	214.08	6,050	812	11.8
Moravian Church in America, Southern Province	4,290	198.43	3,307	982	22.9
North American Baptist Conference	21,900	512.47	17,303	4,598	21.0
Presbyterian Church in America	82,492	551.61	61,744	20,748	25.2
Presbyterian Church in the United States	333,890	409.71	267,299	66,591	19.9
Reformed Church in America	102,089	294.81	82,656	19,433	19.0
Reformed Church in the United States	961	259.11	752	209	21.8
Seventh-day Adventists	436,315	719.62	136,877	299,438	68.6
Southern Baptist Convention	3,114,675	222.60	2,628,272	486,403	15.6
United Church of Christ	376,463	220.30	323,725	52,738	14.0
United Methodist Church, The	1,794,707	189.78	1,389,978	404,729	22.6
United Presbyterian Church in the U.S.A., The	835,666	356.75	702,925	132,740	15.9
Wesleyan Church, The	67,786	644.23	55,578	12,209	18.0
Wisconsin Evangelical Lutheran Synod	99,390	240.93	80,713	18,677	18.8

[1] Inclusive membership refers to those who are full, communicant, or confirmed members, plus other members listed as baptized, or nonconfirmed, or noncommunicant. [2] Benevolences are funds allocated *outside* of local churches to such agencies as domestic denominational church boards and societies, regional offices (dioceses, conferences, synods, etc.) and in support of national church operations usually at the national headquarters of a religious body. They also include funds sent overseas for missions, projects of relief, resettlement and rehabilitation, and special charitable appeals both religious and secular.

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual. (Copyright.)

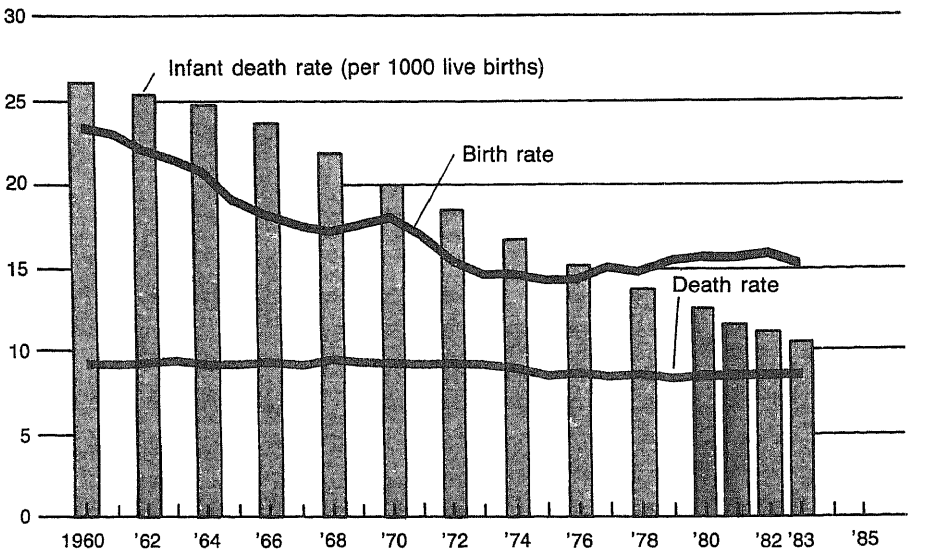
NO. 79. NATIONAL NONPROFIT ASSOCIATIONS—NUMBER, BY TYPE: 1970 TO 1983

TYPE	1970	1975	1980	1983	TYPE	1970	1975	1980	1983
Total	[1] **10,734**	**12,866**	**14,726**	**17,644**	Public affairs	498	835	1,068	1,605
Trade, business, commercial	2,895	2,837	3,118	3,494	Fraternal, foreign interest, nationality, ethnic	610	460	435	469
Agriculture	508	612	677	810	Religious	806	736	797	864
Legal, governmental, public administration, military	346	450	529	649	Veteran, hereditary, patriotic	198	213	208	234
Scientific, engineering, tech	548	874	1,039	1,239	Hobby, avocational	444	681	910	1,210
Educational and cultural	1,383	2,132	2,376	2,707	Athletic sports	336	449	504	696
Social welfare	475	777	994	1,274	Labor unions	226	234	235	250
Health, medical	830	1,138	1,413	1,704	Chambers of Commerce [2]	110	112	105	114
					Greek letter societies	334	326	318	325

[1] Includes associations not shown separately. [2] National, binational, and international.

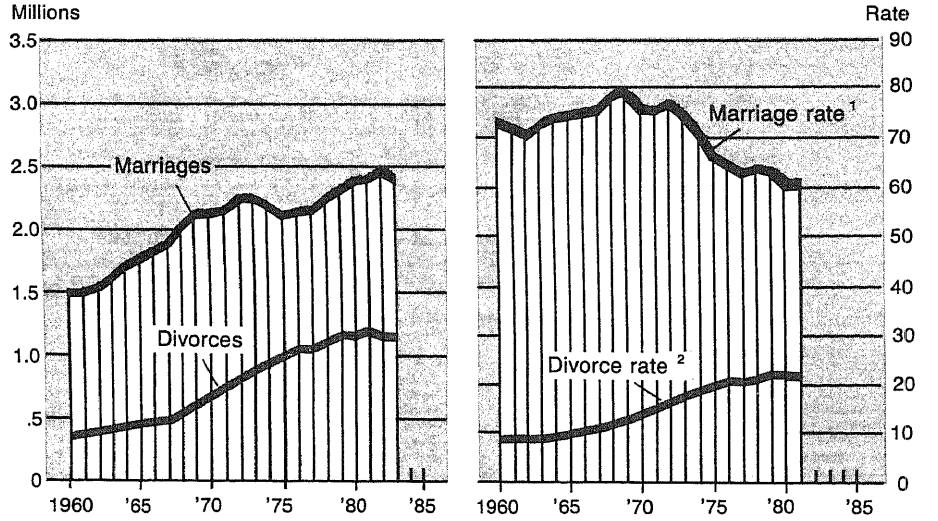
Source: Gale Research Co., Detroit, MI. Compiled from *Encyclopedia of Associations*, annual. (Copyright.)

Figure 2.1
Birth and Death Rates: 1960 to 1983

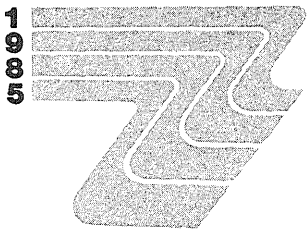


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 80.

Figure 2.2
Marriages and Divorces: 1960 to 1983



[1] Rate per 1000 unmarried women, 15 years old and over.
[2] Rate per 1000 married women, 15 years old and over.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 80 and 120.



Section 2

Vital Statistics

This section presents vital statistics—data on births; deaths; abortions; fetal deaths, including stillbirths; fertility; life expectancy; marriages; and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States,* in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report.* Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, pp. 1 and 2) and published in *Current Population Reports,* series P-20. Data on abortions are published by the Alan Guttmacher Institute, New York, NY in selected issues of *Family Planning Perspectives* and by the U.S. Centers for Disease Control in the annual *Abortion Surveillance Report—Legal Abortions.*

Registration of vital events.—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a State and local function. The civil laws of every State provide for a continuous and permanent birth- and death-registration system. Many States also provide for marriage- and divorce-registration systems. Vital events occurring to U.S. residents outside the United States are not included in the data.

Births and deaths.—The live-birth, death, and fetal-death statistics prepared by NCHS are based on copies of vital records received from registration offices of all States, of New York City, and of the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of 10 States and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with 10 reporting States and the District of Columbia. Since 1933, the birth- and death-registration areas have comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 1960). National statistics on fetal deaths were first compiled for 1918 and annually since 1922.

Prior to 1951, birth statistics came from a complete count of records received in the Public Health Service (now received in NCHS). From 1951 through 1971, they were based on a 50-percent sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent sample in 1967). Beginning in 1972, they have been based on a complete count for States in the Cooperative Health Statistics System (for details, see the technical appendix in *Vital Statistics of the United States*) and on a 50-percent sample of all other areas. Mortality data have been based on a complete count of records for each area (except for a 50-percent sample in 1972). Beginning in 1970, births to, and deaths of nonresident aliens of the United States and U.S. citizens outside the United States have been excluded from the data. Fetal deaths and deaths among Armed Forces abroad are excluded. Data based on samples are subject to sampling error; for details, see annual issues of *Vital Statistics of the United States.*

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The ninth revision of the ICD was employed beginning in 1979. Deaths for prior years were classified according to the revision of the ICD in use at the time. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the eighth and ninth revisions of the ICD, see *Monthly Vital Statistics Report,* vol. 28, No. 11, supplement.

Some of the tables present age-adjusted death rates in addition to crude death rates. Age adjusted death rates shown in this section were prepared using the direct method, in which age-specific death rates for a population of interest are applied to a standard population distributed by age. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition.

Abortions.—The U.S. Centers for Disease Control (CDC) collects data on abortions annually from States which have a central health agency with a statewide reporting system. The Alan Guttmacher Institute, New York, NY also issues data on the number of abortions based on its own surveys of hospitals and physicians. The Guttmacher Institute also publishes data on the characteristics of abortions after adjusting CDC data for changes in the number of States reporting each year.

Fertility and life expectancy.—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the periodic National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see the technical appendix in *Vital Statistics of the United States.*

Marriage and divorce.—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887–1888 when the National Office of Vital Statistics prepared estimates for the years 1867–1886. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; by 1981 it included 42 States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, included by 1981 a total of 31 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States, Vol. III—Marriage and Divorce.* Total counts of events for registration and nonregistration States are gathered by collecting already summarized data on marriages and divorces reported by State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the March supplement to the Current Population Survey conducted by the Bureau of the Census. For information on marital status, see section 1.

Vital statistics rates.—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, and 1980; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, p. 2).

Race.—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as 1) White, 2) Black, 3) American Indian, Eskimo, or Aleut, or 4) Asian or Pacific Islander.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures, and measures of statistical reliability applicable to Census Bureau and NCHS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. 80. LIVE BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: 1910 TO 1983

[Prior to 1960, excludes Alaska and Hawaii. Figures for deaths and death rates for 1910–1930 are for death-registration States only. Beginning 1970, excludes births to, and deaths of, nonresidents of the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series B 1–5, B 142, B 167, B 214, and B 216]

YEAR	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Births [1]	Deaths		Marriages [3]	Divorces [4]	Births [1]	Deaths		Marriages [3]	Divorces [4]
		Total	Infant [2]				Total	Infant [2]		
1910	2,777	697	(NA)	948	83	30.1	14.7	(NA)	10.3	.9
1915	2,965	916	78	1,008	104	29.5	13.2	99.9	10.0	1.0
1920	2,950	1,118	130	1,274	171	27.7	13.0	85.8	12.0	1.6
1925	2,909	1,192	135	1,188	175	25.1	11.7	71.7	10.3	1.5
1930	2,618	1,327	142	1,127	196	21.3	11.3	64.6	9.2	1.6
1935	2,377	1,393	120	1,327	218	18.7	10.0	55.7	10.4	1.7
1940	2,559	1,417	111	1,596	264	19.4	10.8	47.0	12.1	2.0
1945	2,858	1,402	105	1,613	485	20.4	10.6	38.3	12.2	3.5
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1957	4,300	1,633	112	1,518	381	25.3	9.6	26.3	8.9	2.2
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1966	3,606	1,863	86	1,857	499	18.4	9.5	23.7	9.5	2.5
1967	3,521	1,851	79	1,927	523	17.8	9.4	22.4	9.7	2.6
1968	3,502	1,930	76	2,069	584	17.5	9.7	21.8	10.4	2.9
1969	3,600	1,922	75	2,145	639	17.8	9.5	20.7	10.6	3.2
1970	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	10.9	4.0
1973	3,137	1,973	56	2,284	915	14.8	9.3	17.7	10.8	4.3
1974	3,160	1,934	53	2,230	977	14.8	9.1	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.6	8.8	16.1	10.0	4.8
1976	3,168	1,909	48	2,155	1,083	14.6	8.8	15.2	9.9	5.0
1977	3,327	1,900	47	2,178	1,091	15.1	8.6	14.1	9.9	5.0
1978	3,333	1,928	46	2,282	1,130	15.0	8.7	13.8	10.3	5.1
1979	3,494	1,914	46	2,331	1,181	15.6	8.5	13.1	10.4	5.3
1980	3,612	1,990	46	2,390	1,189	15.9	8.8	12.6	10.6	5.2
1981	3,629	1,978	43	2,422	1,213	15.8	8.6	11.9	10.6	5.3
1982, prel	3,704	1,986	42	2,495	1,180	16.0	8.6	11.2	10.8	5.1
1983, prel	3,614	2,010	39	2,444	1,179	15.5	8.6	10.9	10.5	5.0

NA Not available. [1] Through 1957, adjusted for underregistration. [2] Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. [3] Includes estimates for some States through 1969 and also for 1976 and 1977 and marriage licenses for some States for all years except 1973 and 1975. Beginning 1978 includes nonlicensed marriages in California. [4] Includes reported annulments and some estimated State figures for all years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

NO. 81. TOTAL FERTILITY RATE AND INTRINSIC RATE OF NATURAL INCREASE: 1940 TO 1981

[Excludes Alaska prior to 1959 and Hawaii prior to 1960. Prior to 1960, based on births adjusted for underregistration; thereafter, registered births only. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2,110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (−) indicates decrease. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 11]

ANNUAL AVERAGE AND YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE			YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1940–1944	2,523	2,460	3,010	4.6	3.9	9.8	1970	2,480	2,385	3,067	6.0	4.5	14.4
1945–1949	2,985	2,916	3,485	11.7	10.9	17.2	1971	2,267	2,161	2,920	2.6	.8	12.6
1950–1954	3,337	3,221	4,185	16.8	15.4	25.7	1972	2,010	1,907	2,628	−2.0	−3.9	8.6
1955–1959	3,690	3,549	4,716	21.1	19.5	30.7	1973	1,879	1,783	2,444	−4.5	−6.5	5.7
1960–1964	3,449	3,326	4,326	18.6	17.1	27.7	1974	1,835	1,749	2,339	−5.4	−7.2	4.0
1965–1969	2,622	2,512	3,362	8.2	6.4	18.6	1975	1,774	1,686	2,276	−6.7	−8.6	3.0
1970–1974	2,094	1,997	2,680	−.7	−2.5	9.1	1976	1,738	1,652	2,223	−7.4	−9.3	2.1
1975–1979	1,774	1,685	2,270	−6.6	−8.5	3.0	1977	1,790	1,703	2,278	−6.2	−8.1	3.2
1965	2,913	2,783	3,808	12.1	10.3	23.1	1978	1,760	1,668	2,264	−6.8	−8.8	2.9
1966	2,721	2,603	3,532	9.7	7.9	20.4	1979	1,808	1,715	2,310	−5.7	−7.7	3.8
1967	2,558	2,447	3,299	7.4	5.6	18.2	1980	1,840	1,749	2,323	−5.1	−7.0	4.0
1968	2,464	2,366	3,108	5.9	4.2	16.0	1981	1,815	1,726	2,275	−5.5	−7.4	3.3
1969	2,456	2,360	3,061	5.7	4.1	15.4							

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

NO. 82. BIRTHS AND BIRTH RATES: 1950 TO 1981

[Births in thousands, except as indicated. Prior to 1960, excludes Alaska and Hawaii. For 1950 and 1955, births adjusted for underregistration; thereafter registered births. Beginning 1970, excludes births to nonresidents of U.S. See Appendix III. Minus sign (−) indicates decrease. For population bases used to derive these data, see text, p. 56. See also *Historical Statistics, Colonial Times to 1970,* series B 1, B 5–10, and B 12–20]

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Live births	**3,632**	**4,097**	**4,258**	**3,760**	**3,731**	**3,144**	**3,168**	**3,327**	**3,333**	**3,494**	**3,612**	**3,629**
Average annual percent change [1]	3.8	2.4	.8	−2.5	−.2	−3.4	.8	5.0	.2	4.8	3.4	.5
White	3,108	3,485	3,601	3,124	3,091	2,552	2,568	2,691	2,681	2,808	2,899	2,909
Black and other	524	613	657	636	640	592	600	636	652	686	714	721
Black	(NA)	(NA)	602	581	572	512	514	544	552	578	590	588
Male	1,863	2,099	2,180	1,927	1,915	1,613	1,624	1,706	1,709	1,791	1,853	1,860
Female	1,768	1,998	2,078	1,833	1,816	1,531	1,543	1,621	1,624	1,703	1,760	1,769
Males per 100 females	105.4	105.1	104.9	105.1	105.5	105.4	105.3	105.3	105.3	105.2	105.3	105.2
Age of mother:												
Under 20 years	438	498	594	599	656	595	571	571	554	560	562	537
20–24 years	1,155	1,290	1,427	1,337	1,419	1,094	1,092	1,146	1,140	1,189	1,226	1,212
25–29 years	1,041	1,131	1,093	926	995	937	972	1,016	1,015	1,069	1,108	1,128
30–34 years	611	731	688	529	428	376	392	447	474	517	550	581
35–39 years	303	352	360	283	180	115	116	121	126	135	141	146
40 years or more	83	95	97	86	53	28	26	25	24	24	24	25
Birth rate per 1,000 population	**24.1**	**25.0**	**23.7**	**19.4**	**18.4**	**14.6**	**14.6**	**15.1**	**15.0**	**15.6**	**15.9**	**15.8**
White	23.0	23.8	22.7	18.3	17.4	13.6	13.6	14.1	14.0	14.5	14.9	14.8
Black and other	33.3	34.5	32.1	27.6	25.1	21.0	20.8	21.6	21.6	22.2	22.5	22.0
Black	(NA)	(NA)	31.9	27.7	25.3	20.7	20.5	21.4	21.3	22.0	22.1	21.6
Male	24.9	25.8	24.7	20.3	19.4	15.4	15.3	15.9	15.8	16.4	16.8	16.7
Female	23.3	23.9	22.8	18.6	17.4	13.8	13.8	14.4	14.2	14.8	15.1	15.0
Plural birth ratio [2]	20.9	21.1	20.4	20.1	[3] 18.1	19.2	19.5	19.2	19.6	19.5	19.3	19.7
White	20.2	20.2	19.3	19.0	[3] 17.3	18.5	18.8	18.5	18.8	18.6	18.5	18.8
Black and other	25.5	26.5	26.3	25.8	[3] 21.9	22.1	22.3	22.4	22.9	22.9	22.7	23.0
Black	25.7	27.0	(NA)	(NA)	[3] 22.8	23.1	23.3	23.3	24.2	24.2	24.1	24.7
Birth rate per 1,000 women [4]	**106.2**	**118.3**	**118.0**	**96.6**	**87.9**	**66.0**	**65.0**	**66.8**	**65.5**	**67.2**	**68.4**	**67.4**
White [4]	102.3	113.7	113.2	91.4	84.1	62.5	61.5	63.2	61.7	63.4	64.7	63.9
Black and other [4]	137.3	155.3	153.6	131.9	113.0	87.7	85.8	87.7	87.0	88.5	88.6	86.4
Black [4]	(NA)	(NA)	153.5	133.2	115.4	87.9	85.8	88.1	86.7	88.3	88.1	85.4
Age of mother:												
10–14 years	1.0	.9	.8	.8	1.2	1.3	1.2	1.2	1.2	1.2	1.1	1.1
15–19 years	81.6	90.5	89.1	70.5	68.3	55.6	52.8	52.8	51.5	52.3	53.0	52.7
20–24 years	196.6	242.0	258.1	195.3	167.8	113.0	110.3	112.9	109.9	112.8	115.1	111.8
25–29 years	166.1	190.5	197.4	161.6	145.1	108.2	106.2	111.0	108.5	111.4	112.9	112.0
30–34 years	103.7	116.2	112.7	94.4	73.3	52.3	53.6	56.4	57.8	60.3	61.9	61.4
35–39 years	52.9	58.7	56.2	46.2	31.7	19.5	19.0	19.2	19.0	19.5	19.8	20.0
40–44 years	15.1	16.1	15.5	12.8	8.1	4.6	4.3	4.2	3.9	3.9	3.9	3.8
45–49 years	[5] 1.2	[5] 1.0	[5] .9	.8	.5	.3	.2	.2	.2	.2	.2	.2

NA Not available. [1] For explanation, see Guide to Tabular Presentation. For 1950, change from 1940. [2] Per 1,000 live births. [3] 1971. [4] Per 1,000 women, 15–44 years old in specified group. [5] Rate computed by relating births to mothers 45 years old and over to women 45 to 49 years old.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

NO. 83. BIRTH RATES, BY LIVE-BIRTH ORDER AND RACE: 1960 TO 1981

[Births per 1,000 women 15–44 years old in specified racial group. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 82, and *Historical Statistics, Colonial Times to 1970,* series B 20–27]

LIVE-BIRTH ORDER	ALL RACES [1]					WHITE					BLACK				
	1960	1970	1975	1980	1981	1960	1970	1975	1980	1981	1960	1970	1975	1980	1981
Total	**118.0**	**87.9**	**66.0**	**68.4**	**67.4**	**113.2**	**84.1**	**62.5**	**64.7**	**63.9**	**153.5**	**115.4**	**87.9**	**88.1**	**85.4**
First birth	31.1	34.2	28.1	29.5	29.0	30.8	32.9	26.7	28.4	28.1	33.6	43.3	36.9	35.2	33.8
Second birth	29.2	24.2	20.9	21.8	21.6	29.2	23.7	20.3	21.0	20.9	29.3	27.1	24.2	25.7	25.2
Third birth	22.8	13.6	9.4	10.3	10.2	22.7	13.3	8.8	9.5	9.4	24.0	16.1	12.6	14.5	14.3
Fourth birth	14.6	7.2	3.9	3.9	3.8	14.1	6.8	3.5	3.4	3.3	18.6	10.0	6.3	6.7	6.6
Fifth birth	8.3	3.8	1.7	1.5	1.5	7.5	3.4	1.5	1.3	1.2	14.1	6.4	3.2	3.0	2.9
Sixth and seventh	7.6	3.2	1.3	1.0	.9	6.1	2.7	1.1	.8	.8	18.4	7.0	2.9	2.1	2.0
Eighth and over	4.3	1.8	.7	.4	.4	2.8	1.2	.5	.3	.3	15.6	5.6	1.9	.9	.8

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

NO. 84. LIVE BIRTHS—NUMBER AND RATE, BY STATE: 1960 TO 1981

[Registered births by place of residence. Beginning 1970, excludes births to nonresidents of the U.S. For composition of regions, see fig. I, inside front cover. See Appendix III]

REGION, DIVISION AND STATE	NUMBER (1,000)								RATE PER 1,000 POPULATION [1]							
	1960	1965	1970	1975	1978	1979	1980	1981	1960	1965	1970	1975	1978	1979	1980	1981
U.S	**4,258**	**3,760**	**3,731**	**3,144**	**3,333**	**3,494**	**3,612**	**3,629**	**23.7**	**19.4**	**18.4**	**14.6**	**15.0**	**15.6**	**15.9**	**15.8**
Regions:																
Northeast	970	879	831	625	633	648	656	664	21.7	18.5	16.9	12.6	12.8	13.2	13.4	13.5
Midwest	1,246	1,049	1,038	855	892	935	956	937	24.1	19.3	18.4	14.8	15.2	15.9	16.2	15.9
South	1,354	1,208	1,208	1,062	1,127	1,182	1,232	1,236	24.6	20.3	19.2	15.3	15.4	15.9	16.4	16.1
West	688	625	654	602	682	729	768	792	24.5	19.4	18.8	15.6	16.5	17.2	17.8	17.9
N.E	**237**	**213**	**200**	**148**	**153**	**158**	**162**	**164**	**22.5**	**19.1**	**16.9**	**12.2**	**12.4**	**12.8**	**13.1**	**13.2**
ME	23	20	18	15	16	16	16	17	24.0	19.9	17.9	14.2	14.2	14.5	14.6	14.6
NH	14	13	13	11	12	13	14	14	22.8	19.5	17.9	13.3	13.9	14.1	14.9	14.4
VT	9	8	8	7	7	8	8	8	24.1	20.5	18.8	14.1	14.3	14.8	15.4	15.4
MA	115	101	95	68	69	71	73	74	22.4	18.8	16.6	11.9	12.0	12.3	12.7	12.8
RI	18	17	16	11	12	12	12	12	21.4	19.4	16.5	11.3	12.0	12.4	12.9	13.0
CT	57	54	50	36	37	39	39	40	22.4	19.2	16.7	11.6	12.0	12.5	12.5	12.7
M.A	**733**	**665**	**630**	**477**	**480**	**490**	**495**	**499**	**21.5**	**18.3**	**16.9**	**12.8**	**13.0**	**13.3**	**13.4**	**13.5**
NY	359	336	318	236	234	236	239	242	21.4	18.6	17.4	13.1	13.2	13.4	13.6	13.8
NJ	132	125	120	92	94	97	97	97	21.8	18.5	16.8	12.5	12.7	13.1	13.2	13.0
PA	241	205	193	149	152	158	159	160	21.3	17.8	16.3	12.5	12.8	13.3	13.4	13.5
E.N.C	**877**	**751**	**754**	**610**	**627**	**657**	**668**	**652**	**24.2**	**19.7**	**18.7**	**14.8**	**15.1**	**15.8**	**16.0**	**15.6**
OH	231	195	200	159	161	167	169	167	23.8	19.1	18.7	14.7	14.9	15.5	15.7	15.5
IN	113	98	99	82	84	87	88	85	24.2	20.0	19.1	15.4	15.4	16.0	16.1	15.4
IL	239	208	205	169	175	184	190	185	23.7	19.6	18.5	15.0	15.3	16.1	16.6	16.2
MI	195	167	172	134	139	145	146	141	25.0	20.1	19.4	14.7	15.1	15.6	15.7	15.3
WI	100	83	78	65	69	73	75	74	25.2	20.0	17.6	14.3	14.8	15.7	15.9	15.7
W.N.C	**369**	**297**	**284**	**246**	**265**	**279**	**288**	**285**	**24.0**	**18.7**	**17.4**	**14.7**	**15.6**	**16.3**	**16.8**	**16.5**
MN	88	71	68	56	62	65	68	69	25.7	19.9	18.0	14.4	15.5	16.2	16.6	16.7
IA	64	51	48	41	45	47	48	46	23.3	18.5	17.1	14.4	15.3	16.0	16.4	15.8
MO	98	81	81	69	73	76	79	77	22.7	18.1	17.3	14.3	15.0	15.6	16.1	15.8
ND	17	13	11	11	11	12	12	12	26.3	20.2	17.6	16.6	17.4	18.1	18.4	18.8
SD	18	14	12	11	12	13	13	13	25.9	19.7	17.0	16.5	17.8	18.9	19.2	18.5
NE	34	28	26	24	25	26	27	27	24.3	18.8	17.3	15.4	16.1	16.8	17.4	17.2
KS	51	39	38	34	37	39	41	41	23.3	17.6	17.0	14.9	15.7	16.6	17.2	17.3
S.A	**629**	**575**	**574**	**482**	**506**	**527**	**547**	**551**	**24.2**	**20.0**	**18.7**	**14.0**	**14.1**	**14.4**	**14.8**	**14.6**
DE	12	11	11	8	9	9	9	9	25.9	21.2	19.2	14.0	14.5	14.9	15.8	15.4
MD	77	74	69	53	55	58	60	61	24.9	21.0	17.6	12.7	13.1	13.8	14.2	14.4
DC	20	18	15	10	9	10	9	9	26.0	22.5	20.1	13.7	14.0	14.5	14.7	14.5
VA	96	89	86	70	73	77	78	79	24.1	20.0	18.6	13.9	13.9	14.5	14.7	14.6
WV	39	32	31	28	29	30	29	28	21.2	17.7	17.8	15.3	15.3	15.4	15.1	14.3
NC	110	98	98	81	82	84	84	84	24.1	19.9	19.3	14.6	14.4	14.5	14.4	14.1
SC	60	53	52	47	50	51	52	52	25.1	20.8	20.1	16.1	16.3	16.4	16.6	16.4
GA	100	94	97	80	84	88	92	90	25.3	21.7	21.1	15.8	15.9	16.3	16.9	16.2
FL	116	107	115	106	113	121	132	138	23.3	18.4	16.9	12.4	12.4	12.8	13.5	13.6
E.S.C	**294**	**258**	**248**	**219**	**229**	**236**	**240**	**232**	**24.4**	**20.1**	**19.4**	**15.9**	**15.9**	**16.2**	**16.4**	**15.7**
KY	72	62	60	55	57	59	60	57	23.8	19.4	18.7	15.8	15.9	16.2	16.3	15.6
TN	82	73	72	62	67	68	69	67	23.0	19.0	18.4	14.6	14.9	15.1	15.1	14.5
AL	81	71	67	58	60	63	64	62	24.7	20.4	19.4	15.8	15.7	16.2	16.3	15.7
MS	59	52	49	44	44	46	48	46	27.2	22.5	22.1	18.3	17.8	18.3	19.0	18.2
W.S.C	**431**	**375**	**386**	**361**	**393**	**419**	**445**	**453**	**25.4**	**20.2**	**20.0**	**16.9**	**17.3**	**18.0**	**18.7**	**18.6**
AR	41	37	35	34	35	36	37	36	22.7	18.7	18.5	16.0	15.5	16.0	16.3	15.6
LA	90	80	74	68	75	79	82	82	27.7	22.5	20.4	17.5	18.4	19.2	19.5	19.1
OK	51	43	45	43	46	49	52	54	21.9	17.3	17.5	15.4	15.8	16.5	17.2	17.3
TX [2]	249	216	231	216	237	255	274	282	26.0	20.4	20.6	17.2	17.6	18.3	19.2	19.1
Mt	**187**	**160**	**172**	**177**	**203**	**217**	**226**	**230**	**27.3**	**20.6**	**20.7**	**17.9**	**18.8**	**19.5**	**19.9**	**19.7**
MT	17	14	13	12	14	14	14	14	25.9	19.3	18.2	16.1	17.3	17.8	18.1	18.0
ID	17	13	14	16	19	20	20	20	25.7	19.3	20.3	19.5	21.3	21.5	21.4	20.5
WY	9	7	7	7	9	10	11	11	25.8	19.3	19.6	18.3	20.1	21.6	22.5	22.1
CO	43	37	42	40	44	47	50	52	24.5	18.7	18.8	15.5	15.9	16.6	17.2	17.5
NM	31	24	22	21	24	26	26	27	32.3	23.6	21.8	18.1	19.1	20.0	20.0	20.0
AZ	37	34	38	40	43	47	50	51	28.2	21.1	21.3	17.3	17.1	17.7	18.4	18.4
UT	26	22	27	32	39	41	42	41	29.5	22.5	25.5	25.7	28.5	29.0	28.6	27.3
NV	7	9	10	9	11	12	13	14	25.5	21.5	19.6	14.6	15.3	16.2	16.6	16.7
Pac	**501**	**465**	**483**	**425**	**480**	**512**	**542**	**562**	**23.6**	**19.0**	**18.2**	**14.8**	**15.7**	**16.4**	**17.0**	**17.3**
WA	65	53	61	51	59	64	68	70	22.9	17.7	17.8	14.0	15.1	16.0	16.4	16.5
OR	38	33	35	33	39	42	43	43	21.7	17.4	16.8	14.4	15.5	16.2	16.4	16.2
CA	372	356	363	317	356	379	403	421	23.7	19.1	18.2	14.7	15.6	16.3	17.0	17.4
AK	8	7	8	7	9	9	10	10	33.4	27.9	25.1	20.7	22.1	22.6	23.7	24.3
HI	17	16	16	16	17	18	18	18	27.2	23.0	21.4	17.8	18.0	18.5	18.8	18.6

[1] Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960, 1970, and 1980, and estimated as of July 1 for other years. [2] Exclusion of births to nonresidents beginning 1970 affects comparability with data for earlier years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

No. 85. Live Birth Rates, 1970 and 1980, and Number, 1981, by Race—States

[**Rate per 1,000 population,** except as indicated. Based on population (excluding Armed Forces abroad) enumerated as of April 1 for 1970 and 1980. Registered births by place of residence. Excludes births to nonresidents of the U.S. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state	White			Black			Division and state	White			Black		
	Rate		Number,[2] 1981 (1,000)	Rate		Number,[2] 1981 (1,000)		Rate		Number,[2] 1981 (1,000)	Rate		Number,[2] 1981 (1,000)
	1970	1980 [1]		1970	1980 [1]			1970	1980 [1]		1970	1980 [1]	
U.S	**17.4**	**14.9**	**2,909**	**25.3**	**22.1**	**588**	**S.A**	**17.2**	**13.0**	**379**	**24.0**	**21.1**	**162**
Region:							DE	17.6	14.5	7	28.0	22.6	2
Northeast	16.0	12.4	546	25.9	20.1	102	MD	16.4	12.7	41	22.4	18.7	19
Midwest	17.6	15.4	799	26.7	23.0	118	DC	9.8	7.9	58	24.2	17.4	8
South	17.9	14.9	903	24.6	22.2	309	VA	17.8	13.5	27	21.5	19.0	19
West	18.2	17.0	660	25.7	23.6	57	WV	17.7	15.0	2	17.8	18.6	1
							NC	17.9	12.8	57	23.8	18.9	25
N.E	**16.5**	**12.6**	**150**	**26.9**	**21.6**	**11**	SC	18.5	14.2	31	23.8	22.0	21
ME	17.8	14.5	16	27.9	25.8	(z)	GA	19.6	14.5	56	25.3	23.1	33
NH	17.8	14.8	13	27.9	22.2	(z)	FL	15.2	11.6	101	26.2	25.2	36
VT	18.8	15.4	8	39.4	24.6	(z)							
MA	16.4	12.2	67	24.3	21.7	5	**E.S.C**	**17.8**	**14.7**	**166**	**25.4**	**23.1**	**64**
RI	16.0	12.2	11	30.1	24.0	1	KY	18.4	15.8	51	22.6	21.6	5
CT	15.8	11.7	34	28.9	21.0	5	TN	17.2	13.8	51	24.6	21.4	15
							AL	17.7	14.1	40	24.0	22.5	22
M.A	**15.9**	**12.3**	**397**	**25.8**	**19.9**	**91**	MS	18.4	15.3	24	28.4	25.6	22
NY	16.2	12.3	184	26.2	19.9	50							
NJ	15.5	11.8	75	27.5	21.3	19	**W.S.C**	**19.0**	**17.7**	**357**	**25.0**	**23.9**	**83**
PA	15.6	12.8	138	23.6	18.8	21	AR	16.9	14.6	27	25.3	24.6	9
							LA	18.2	17.1	50	25.5	25.0	31
E.N.C	**17.8**	**15.1**	**542**	**26.9**	**22.7**	**99**	OK	16.5	15.8	43	24.8	25.5	5
OH	18.1	14.9	142	24.9	21.7	23	TX	20.1	18.6	238	24.6	22.8	39
IN	18.6	15.5	75	25.6	23.2	9							
IL	17.0	15.1	141	28.4	24.6	39	**Mt**	**20.1**	**19.1**	**207**	**27.9**	**25.7**	**7**
MI	18.4	15.0	116	26.9	20.1	23	MT	17.3	17.1	13	48.1	30.1	(z)
WI	17.2	15.3	68	30.1	26.0	5	ID	20.2	21.2	19	18.8	28.9	(z)
							WY	19.2	22.0	10	30.4	34.3	(z)
W.N.C	**16.9**	**16.1**	**257**	**25.6**	**24.7**	**19**	CO	18.6	16.7	48	25.8	23.5	3
MN	17.8	16.2	64	30.5	28.1	2	NM	20.5	18.6	22	26.6	26.6	1
IA	16.9	16.1	44	28.2	27.3	1	AZ	20.1	17.1	44	27.7	28.2	2
MO	16.4	15.2	64	25.2	23.2	12	UT	25.4	28.4	39	29.3	23.6	(z)
ND	17.0	17.5	11	30.5	42.3	(z)	NV	18.8	15.5	12	32.7	25.7	1
SD	16.4	17.8	11	22.1	36.7	(z)							
NE	17.0	16.9	25	26.7	27.0	1	**Pac**	**17.5**	**16.2**	**454**	**25.4**	**23.3**	**50**
KS	16.6	16.5	37	24.6	27.2	3	WA	17.3	15.7	62	28.2	25.3	3
							OR	16.5	15.9	40	26.5	27.0	1
							CA	17.6	16.3	341	25.2	23.0	45
							AK	23.4	21.0	7	30.1	33.5	(z)
							HI	16.4	12.4	4	30.1	33.1	1

Z Fewer than 500. [1] Based on modified counts of the White and Black population; see text, p. 3. [2] White and Black population data for 1981 are not available.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

No. 86. Live Births, by Attendant and Place of Delivery, and Median and Low-Birth Weight, by Race: 1950 to 1981

[Represents registered births. Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of the U.S. For total number of births, see table 82. See Appendix III]

Year	Births attended (1,000)			Median birth weight			Percent of births with low birth weight [4]		
	Physician in hospital [1]	Not in hospital: Physician	Not in hospital: Midwife and other [2]	Total [3]	White	Black	Total [3]	White	Black
1950	3,126	252	177	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-3 oz.[5]	7.6	7.2	[5] 10.4
1955	3,819	101	128	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-1 oz.[5]	7.7	6.9	[5] 11.8
1960	4,114	49	94	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.[5]	7.7	6.8	[5] 12.8
1965	3,661	33	66	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.[5]	8.3	7.2	[5] 13.8
1970	3,708	5	18	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	7.9	6.8	13.9
1972	3,234	7	18	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-14 oz.	7.7	6.5	13.6
1973	3,115	7	16	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.6	6.4	13.3
1974	3,134	11	16	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	13.1
1975	3,105	11	28	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	13.1
1976	3,124	12	32	7 lb.-6 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.3	6.1	13.0
1977	3,278	13	36	7 lb.-6 oz.	7 lb.-8 oz.	6 lb.-15 oz.	7.1	5.9	12.8
1978	3,301	12	21	7 lb.-6 oz.	7 lb.-8 oz.	6 lb.-15 oz.	7.1	5.9	12.9
1979	3,460	12	22	7 lb.-7 oz.	7 lb.-8 oz.	6 lb.-15 oz.	6.9	5.8	12.6
1980	3,576	12	24	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.5
1981	3,592	11	27	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.5

[1] Includes all births in hospitals or institutions and in clinics. [2] Includes births with attendant not specified. [3] Includes other races not shown separately. [4] Through 1978, births of 2,500 grams (5 lb.-8 oz.) or less at birth; thereafter, less than 2,500 grams. [5] Black and other races.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 87. Women Who Have Had a Child in the Last Year, by Age: 1980 to 1983

[See headnote, table 88. NA not available]

AGE	WOMEN WHO HAD A CHILD IN LAST YEAR (1,000)				TOTAL BIRTHS PER 1,000 WOMEN				FIRST BIRTHS PER 1,000 WOMEN			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
Total	**3,247**	**3,381**	**3,433**	**3,625**	**71.1**	**70.9**	**70.5**	**73.2**	**28.5**	**27.1**	**25.9**	**27.6**
18–29 years old	2,477	2,499	2,445	2,682	103.7	100.4	97.5	106.8	48.6	44.6	44.3	47.4
18–24 years old	1,396	1,367	1,306	1,417	96.6	92.1	88.3	96.6	(NA)	49.5	51.3	52.6
25–29 years old	1,081	1,132	1,139	1,265	114.8	112.8	110.7	121.0	(NA)	37.4	34.3	40.1
30–44 years old	770	881	988	942	35.4	38.7	41.9	38.7	6.3	7.9	6.4	7.2
30–34 years old	519	628	691	658	60.0	67.3	73.5	69.1	(NA)	14.3	14.1	13.8
35–39 years old	192	210	230	225	26.9	28.6	29.4	27.5	(NA)	5.6	1.7	5.2
40–44 years old	59	43	67	59	9.9	7.1	10.5	8.9	(NA)	.9	.7	.3

No. 88. Social and Economic Characteristics of Women, 18–44 Years Old, Who Have Had a Child in the Last Year: 1982

[Covers civilian noninstitutional population. Based on results of **June** Current Population Survey (CPS); see text, pp. 1 and 2 and Appendix III. Since the number of women who had a birth during the 12-month period was tabulated and not the actual numbers of births, some small underestimation of fertility for this period may exist due to the omission of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the woman is counted only once), (3) Women who had births in the period and who did not survive to the survey date, (4) Women who were in institutions and therefore not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants who did not have their children born in the United States and births to nonresident women. These births would not have been recorded in the vital registration system]

CHARACTERISTIC	TOTAL, 18 TO 44 YEARS OLD			18 TO 29 YEARS OLD			30 TO 44 YEARS OLD		
	Number of women (1,000)	Women who have had a child in the last year		Number of women (1,000)	Women who have had a child in the last year		Number of women (1,000)	Women who have had a child in the last year	
		Total births per 1,000 women	First births per 1,000 women		Total births per 1,000 women	First births per 1,000 women		Total births per 1,000 women	First births per 1,000 women
Total[1]	**48,666**	**70.5**	**25.9**	**25,087**	**97.5**	**44.3**	**23,579**	**41.9**	**6.4**
White	41,107	68.1	25.9	20,990	93.9	44.5	20,118	41.3	6.6
Black	6,118	83.6	25.4	3,394	114.3	41.9	2,724	45.3	4.8
Spanish origin[2]	3,215	97.9	29.2	1,675	126.1	49.8	1,540	67.3	6.8
Married, spouse present	28,336	96.8	34.7	11,159	167.6	75.8	17,177	50.8	8.0
Married, spouse absent[3]	2,085	71.5	15.6	868	131.0	35.4	1,216	29.0	1.5
Widowed or divorced	4,710	26.3	4.7	1,431	51.9	9.0	3,278	15.1	2.9
Single	13,536	30.9	16.6	11,629	33.3	19.1	1,907	16.4	1.2
Labor force status: In labor force	33,229	45.4	19.2	17,492	59.4	30.9	15,737	29.8	6.2
Employed	29,704	41.9	17.7	15,095	55.3	29.2	14,610	28.0	5.9
Unemployed	3,525	74.9	31.5	2,398	85.3	41.5	1,127	52.7	10.3
Not in labor force	15,437	124.7	40.5	7,594	185.0	75.2	7,842	66.3	6.9
Family income: Under $5,000	3,662	98.5	31.1	2,375	135.0	47.9	1,288	31.2	.2
$5,000–$9,999	5,570	75.0	27.2	3,198	100.0	44.3	2,372	41.2	4.1
$10,000–$14,999	7,322	73.5	26.1	4,313	99.0	40.7	3,009	37.1	5.1
$15,000–$19,999	6,123	83.4	30.8	3,311	121.0	53.7	2,812	39.3	4.0
$20,000–$24,999	6,403	78.7	27.1	3,080	113.8	50.8	3,323	46.2	5.2
$25,000 and over	16,728	55.9	22.6	7,072	72.4	41.7	9,655	43.7	8.6
Years of school completed:									
Not a high school graduate	8,621	80.0	23.8	4,485	122.0	44.4	4,136	34.4	1.4
High school, 4 years	21,830	73.2	26.9	11,358	110.5	49.4	10,472	32.7	2.6
College, 1–3 years	10,438	60.3	25.6	6,012	67.5	35.1	4,426	50.5	12.7
College, 4 years	5,118	64.0	24.6	2,439	68.1	39.8	2,679	60.3	10.7
College, 5 or more years	2,659	71.4	29.0	792	89.9	55.4	1,867	63.6	17.9

[1] Includes women of other races and women with family income not reported, not shown separately. [2] Persons of Spanish origin may be of any race. [3] Includes separated women.

No. 89. Lifetime Births Expected Per 1,000 Wives: 1967 to 1983

[Refers to currently married women in the civilian noninstitutional population. See headnote, table 90]

YEAR AND MONTH	LIFETIME BIRTHS TO ALL WIVES[1] AGED—				LIFETIME BIRTHS TO WHITE WIVES AGED—				LIFETIME BIRTHS TO BLACK WIVES AGED—			
	18–24	25–29	30–34	35–39	18–24	25–29	30–34	35–39	18–24	25–29	30–34	35–39
1967 (Feb.–Mar.)	2,852	3,037	3,288	3,300	2,859	3,001	3,200	3,215	2,762	3,407	4,257	4,226
1971 (June)	2,375	2,619	2,989	3,257	2,353	2,577	2,936	3,189	2,623	3,112	3,714	4,223
1975 (June)	2,173	2,260	2,610	3,058	2,147	2,233	2,564	2,989	2,489	2,587	3,212	3,962
1980 (June)	2,134	2,166	2,248	(NA)	2,130	2,146	2,223	(NA)	2,155	2,426	2,522	(NA)
1983 (June)	2,225	2,250	2,237	(NA)	2,214	2,228	2,206	(NA)	2,367	2,433	2,595	(NA)

NA Not available. [1] Includes other races not shown separately.

Source of tables 87–89: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 387 and earlier reports; and unpublished data.

No. 90. Lifetime Births Expected by Wives, 18-34 Years Old—Percent Distribution: 1967 to 1983

[As of **June**, except **1967** as of **Feb.-Mar.** Refers to currently married women in the civilian noninstitutional population. Data limited to wives reporting on birth expectations. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

Year and number of births expected	Race		Spanish origin [1]	Age			Years of school completed		
	White	Black		18-24 years	25-29 years	30-34 years	Not high school graduate	High school, 4 years	College, 1 year or more
1967: None	2.2	3.0	(NA)	1.3	2.5	6.1	(NA)	(NA)	(NA)
One	5.5	8.1	(NA)	6.1	5.1	5.5	(NA)	(NA)	(NA)
Two	31.4	24.9	(NA)	37.1	29.3	18.8	(NA)	(NA)	(NA)
Three	30.3	25.1	(NA)	29.8	33.5	14.9	(NA)	(NA)	(NA)
Four or more	30.6	39.0	(NA)	25.7	29.9	55.3	(NA)	(NA)	(NA)
1975: None	4.9	3.0	3.2	4.1	4.9	5.2	2.7	4.2	7.0
One	10.8	10.7	10.6	11.2	11.7	9.8	11.0	11.4	10.1
Two	49.8	40.0	40.4	58.2	50.4	38.3	37.6	49.8	55.5
Three	23.3	22.4	25.2	19.4	23.3	26.8	25.0	24.3	20.0
Four or more	11.1	24.0	20.5	7.0	9.8	19.8	23.6	10.3	7.3
1980: None	6.0	4.0	2.8	4.9	5.5	7.0	2.6	5.6	7.7
One	13.2	14.4	9.4	12.8	13.2	13.6	11.7	14.4	12.4
Two	51.5	45.3	44.3	56.0	52.8	45.7	39.7	52.6	54.4
Three	20.4	22.2	24.2	19.1	20.3	21.8	26.7	19.7	18.8
Four or more	8.8	14.2	19.4	7.2	8.3	11.9	19.4	7.7	6.8
1983: None	5.3	3.7	1.8	4.1	5.1	6.1	2.6	4.9	6.6
One	12.8	11.2	8.1	10.3	12.3	14.9	12.3	13.5	12.0
Two	50.5	42.4	43.0	56.1	49.9	45.7	41.3	50.4	52.8
Three	21.8	28.7	27.0	20.8	23.5	21.8	25.0	22.3	20.9
Four or more	9.5	14.0	20.1	8.7	9.3	11.4	18.7	8.9	7.7

NA Not available. [1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 387 and earlier and forthcoming reports.

No. 91. Childless Women and Children Ever Born, by Age of Woman: 1950 to 1983

[Prior to 1960, excludes Alaska and Hawaii. 1950, 1960, and 1970 based on sample of decennial census, see source; all other years based on Current Population Survey, see text, pp. 1 and 2 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 49-66]

Age	1950 (April)	1960 (April)	1965 (June)	1970 (April)	1975 (June)	1980 (June)	1981 (June)	1982 (June)	1983 (June) Total [1]	1983 (June) White	1983 (June) Black	1983 (June) Spanish origin [2]
	PERCENT CHILDLESS AMONG WOMEN EVER MARRIED											
15-44 years	**22.8**	**15.0**	**14.2**	**16.4**	**18.0**	**18.8**	**18.7**	**20.4**	**19.1**	**20.1**	**10.4**	**12.4**
15-19 years	52.8	43.6	48.0	50.9	50.6	46.6	52.8	57.4	45.9	47.9	24.0	39.3
20-24 years	33.3	24.2	28.0	35.7	42.3	40.4	40.6	42.9	39.7	41.5	20.1	29.9
25-29 years	21.1	12.6	11.7	15.8	21.1	25.3	25.0	27.5	26.8	28.3	13.9	16.1
30-34 years	17.3	10.4	7.2	8.3	8.8	13.7	13.9	15.4	15.9	16.7	8.4	5.5
35-39 years	19.1	11.1	8.7	7.3	5.3	8.0	7.9	10.2	9.9	10.1	6.9	4.7
40-44 years	20.0	14.1	11.0	8.6	7.0	6.6	5.9	7.6	6.6	6.5	7.3	5.0
45-49 years	20.4	18.1	13.9	10.6	7.3	7.7	6.5	7.6	7.3	6.9	10.0	7.5
50-59 years	18.1	20.7	19.3	15.6	11.5	9.3	9.2	9.7	8.8	8.3	12.8	6.8
	CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED											
15-44 years	**1,859**	**2,314**	**2,477**	**2,360**	**2,140**	**1,965**	**1,920**	**1,863**	**1,865**	**1,801**	**2,419**	**2,330**
15-19 years	604	792	685	636	601	628	590	495	670	645	943	845
20-24 years	1,082	1,441	1,328	1,071	886	930	925	869	930	887	1,397	1,167
25-29 years	1,654	2,241	2,360	1,984	1,580	1,397	1,440	1,394	1,389	1,332	1,913	1,751
30-34 years	2,059	2,627	2,950	2,806	2,387	1,970	1,946	1,886	1,863	1,805	2,364	2,442
35-39 years	2,247	2,686	3,016	3,170	2,994	2,572	2,452	2,313	2,270	2,229	2,654	2,945
40-44 years	2,364	2,564	2,856	3,097	3,282	3,105	2,970	2,885	2,794	2,715	3,386	3,507
45-49 years	2,492	2,402	2,603	2,854	3,152	3,185	3,232	3,116	3,096	3,034	3,603	3,432
50-59 years	2,822	2,420	2,350	2,520	2,759	3,005	3,013	3,015	3,132	3,016	4,153	3,998

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950, Special Report, Fertility, Part 5; U.S. Census of Population: 1960* and *1970, Vol. 1, Characteristics of the Population, Part 1, U.S. Summary*; and *Current Population Reports*, series P-20, No. 387, and earlier and forthcoming reports.

No. 92. Percent of Women Having First Child by Selected Ages, by Race and Period of Woman's Birth: 1982

[Covers civilian noninstitutional population. Based on **June 1982** Current Population Survey; see text, pp. 1 and 2 and Appendix III]

Race and age	Period during which women were born						
	1925–1929	1930–1934	1935–1939	1940–1944	1945–1949	1950–1954	1955–1959
Total women [1] (1,000)	**6,091**	**5,683**	**5,872**	**7,064**	**8,808**	**9,962**	**10,489**
Percent having first child by—							
Age 18	7.0	8.5	9.2	10.1	8.9	8.9	9.9
Age 20	20.0	24.4	26.9	27.9	24.3	23.1	21.5
Age 25	61.8	66.5	69.9	67.4	59.1	52.9	(x)
Age 30	80.1	83.0	84.0	82.9	76.0	(x)	(x)
Age 35	85.1	87.7	88.0	87.2	(x)	(x)	(x)
White women (1,000)	**5,373**	**4,893**	**5,066**	**6,020**	**7,541**	**8,410**	**8,751**
Percent having first child by—							
Age 18	5.5	7.2	7.5	8.4	7.2	6.5	7.5
Age 20	17.9	22.6	25.0	26.0	22.4	19.8	18.0
Age 25	61.8	66.1	70.3	66.6	58.0	50.0	(x)
Age 30	81.0	83.3	84.7	82.7	75.1	(x)	(x)
Age 35	86.0	87.9	88.4	87.0	(x)	(x)	(x)
Black women (1,000)	**605**	**650**	**671**	**831**	**930**	**1,248**	**1,435**
Percent having first child by—							
Age 18	20.3	18.9	22.1	23.7	23.2	24.7	25.3
Age 20	39.5	40.0	43.5	43.9	42.6	46.6	44.3
Age 25	64.4	71.3	72.0	77.9	74.4	75.0	(x)
Age 30	74.4	82.5	80.9	86.5	84.9	(x)	(x)
Age 35	79.3	86.0	86.3	89.6	(x)	(x)	(x)

X Not applicable. [1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 387.

No. 93. Children Ever Born to Single Women, by Age and Race of Woman: 1970 to 1983

[Refers to women never-married at time of survey. **1970** as of **April,** based on the enumerated resident population, **1980** and **1983** as of **June,** based on the civilian noninstitutional population from Current Population Survey. See text, pp. 1 and 2 and Appendix III]

Item	All single women [1]			White single women			Black single women		
	Total, 18–49 years	18–29 years	30–49 years	Total, 18–49 years	18–29 years	30–49 years	Total, 18–49 years	18–29 years	30–49 years
1970									
Single women (1,000)	8,107	6,664	1,443	6,788	5,615	1,173	1,177	933	244
Percent by number of children born:									
None	90.0	91.1	82.6	94.7	95.7	90.6	60.2	64.1	45.6
One	10.0	8.9	6.6	3.1	3.0	4.5	19.5	20.3	15.8
Two or more			10.8	2.2	1.2	4.9	20.2	15.5	38.6
Children ever born (1,000)	1,755	1,024	731	693	407	286	1,021	592	429
Rate per 1,000 women	216	154	506	102	72	244	867	635	1,758
1980									
Single women (1,000)	12,500	10,693	1,807	9,862	8,557	1,305	2,327	1,888	439
Percent by number of children born:									
None	85.7	87.3	76.4	93.5	93.9	90.5	52.2	56.7	32.6
One	8.6	8.5	9.0	4.9	4.7	5.9	24.5	26.0	18.5
Two or more	5.7	4.2	14.6	1.6	1.3	3.6	23.3	17.3	49.0
Children ever born (1,000)	3,142	2,022	1,120	898	666	232	2,199	1,325	874
Rate per 1,000 women	251	189	620	91	78	178	945	702	1,991
1983									
Single women (1,000)	14,380	11,996	2,384	11,056	9,346	1,709	2,903	2,297	606
Percent by number of children born:									
None	84.3	86.5	72.9	92.7	93.7	87.6	51.1	56.7	29.5
One	8.6	8.1	11.1	5.0	4.5	7.5	22.5	22.7	21.8
Two or more	7.1	5.4	16.0	2.3	1.8	4.9	26.4	20.5	48.7
Children ever born (1,000)	4,171	2,601	1,571	1,225	832	392	2,898	1,731	1,166
Rate per 1,000 women	290	217	659	111	89	229	998	754	1,924

[1] Includes races not shown separately.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Women by Number of Children Ever Born,* PC(2)-3A; and *Current Population Reports,* series P-20, No. 375 and unpublished data.

NO. 94. BIRTHS TO UNMARRIED WOMEN, BY RACE AND AGE OF MOTHER: 1950 TO 1981

[1950 excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of U.S. Data for 1950–79 include estimates for States in which marital status data were not reported. Beginning in 1980, marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 28–35]

RACE AND AGE OF MOTHER	1950	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
NUMBER (1,000)											
Total live births	**141.6**	**224.3**	**291.2**	**398.7**	**447.9**	**468.1**	**515.7**	**543.9**	**597.8**	**665.7**	**686.6**
White	53.5	82.5	123.7	175.1	186.4	197.1	220.1	233.6	263.0	320.1	337.1
Black and other	88.1	141.8	167.5	223.6	261.6	271.0	295.5	310.2	334.8	345.7	349.6
Black	(NA)	(NA)	(NA)	215.1	249.6	258.8	281.6	293.4	315.8	325.7	328.9
Under 15 years	3.2	4.6	6.1	9.5	11.0	10.3	10.1	9.4	9.5	9.0	8.6
15–19 years	56.0	87.1	123.1	190.4	222.5	225.0	239.7	239.7	253.2	262.8	259.2
20–24 years	43.1	68.0	90.7	126.7	134.0	145.4	168.6	186.5	210.1	237.3	246.9
25–29 years	20.9	32.1	36.8	40.6	50.2	55.4	62.4	70.0	80.6	99.6	109.2
30–34 years	10.8	18.9	19.6	19.1	19.8	21.0	23.7	26.5	31.3	41.0	45.3
35 years and over	7.7	13.6	15.1	12.4	10.4	10.9	11.1	11.7	13.1	16.1	17.4
PERCENT DISTRIBUTION											
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	37.8	36.8	42.5	43.9	41.6	42.1	42.7	42.9	44.0	48.1	49.1
Black and other	62.2	63.2	57.5	56.1	58.4	57.9	57.3	57.0	56.0	51.9	50.9
Under 15 years	2.3	2.1	2.1	2.4	2.5	2.2	2.0	1.7	1.6	1.4	1.3
15–19 years	39.5	38.8	42.3	47.8	49.7	48.1	46.5	44.1	42.4	39.5	37.8
20–24 years	30.4	30.3	31.1	31.8	29.9	31.1	32.7	34.3	35.1	35.6	36.0
25–29 years	14.8	14.3	12.6	10.2	11.2	11.8	12.1	12.9	13.5	15.0	15.9
30–34 years	7.6	8.4	6.7	4.8	4.4	4.5	4.6	4.9	5.2	6.2	6.6
35 years and over	5.4	6.1	5.2	3.1	2.3	2.3	2.2	2.2	2.2	2.4	2.5
BIRTHS TO UNMARRIED WOMEN AS PERCENT OF ALL BIRTHS IN RACIAL GROUPS											
Total	**4.0**	**5.3**	**7.7**	**10.7**	**14.2**	**14.8**	**15.5**	**16.3**	**17.1**	**18.4**	**18.9**
White	1.7	2.3	4.0	5.7	7.3	7.7	8.2	8.7	9.4	11.0	11.6
Black and other	16.8	21.6	26.3	34.9	44.2	45.2	46.5	47.6	48.8	48.4	48.5
Black	(NA)	(NA)	(NA)	37.6	48.8	50.3	51.7	53.2	54.7	55.2	56.0
BIRTH RATE [1]											
Total [2]	**14.1**	**21.6**	**23.5**	**26.4**	**24.5**	**24.3**	**25.6**	**25.7**	**27.2**	**29.4**	**29.6**
White [2]	6.1	9.2	11.6	13.8	12.4	12.6	13.5	13.7	14.9	17.6	18.2
Black and other [2]	71.2	98.3	97.6	89.9	79.0	76.4	77.4	76.5	78.2	77.2	75.4
Black [2]	(NA)	(NA)	(NA)	95.5	84.2	81.6	82.6	81.1	83.0	81.4	81.4
15–19 years	12.6	15.3	16.7	22.4	23.9	23.7	25.1	24.9	26.4	27.6	28.2
20–24 years	21.3	39.7	39.9	38.4	31.2	31.7	34.0	35.3	37.7	40.9	40.9
25–29 years	19.9	45.1	49.3	37.0	27.5	26.8	27.7	28.5	29.9	34.0	34.7
30–34 years	13.3	27.8	37.5	27.1	17.9	17.5	16.9	16.9	17.7	21.1	20.8

NA Not available. [1] Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. [2] Covers women aged 15–44 years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 95. PERCENTAGE OF WOMEN WITH A PREMARITALLY CONCEIVED FIRST BIRTH WHO MARRIED BEFORE THE BIRTH BY AGE AT FIRST BIRTH AND RACE: 1982

[See headnote, table 92. A premaritally conceived first birth includes all births occurring to a woman while single and all births occurring up to 7 months after a woman's first marriage]

RACE AND AGE AT FIRST BIRTH	PERIOD OF FIRST BIRTH [1]						
	1947–1952	1952–1957	1957–1962	1962–1967	1967–1972	1972–1977	1977–1982
WHITE							
First births premaritally conceived (1,000):							
15–17 years old	106	160	205	279	411	413	[2] 330
18–19 years old	162	174	302	431	501	497	497
20–24 years old	203	210	278	325	511	412	488
Percentage of women [3] who married before birth:							
15–17 years old	62.3	61.3	61.0	62.0	60.1	53.5	42.7
18–19 years old	51.9	69.0	69.5	68.4	72.5	59.4	50.1
20–24 years old	64.0	68.1	67.3	68.9	65.4	55.8	52.0
BLACK							
First births premaritally conceived (1,000):							
15–17 years old	81	117	159	170	276	313	[2] 173
18–19 years old	81	71	125	120	191	253	234
20–24 years old	54	90	78	146	161	222	204
Percentage of women [3] who married before birth:							
15–17 years old	27.2	33.3	20.1	18.8	13.4	7.7	5.2
18–19 years old	33.3	(B)	34.4	40.8	27.7	19.0	13.2
20–24 years old	(B)	31.1	23.1	30.1	28.0	16.7	10.8

B Base too small to show derived statistic. [1] Periods are from July of the beginning of the period to June of the end of the period. [2] Excludes births to women who were never married and were 15–17 years old in June 1982. [3] Women with a premaritally conceived first birth.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 387.

No. 96. Marital Status of Women at the Time of Their First Birth, by Period of Their First Birth: 1982

[Covers civilian noninstitutional population. A premarital first birth is defined as a first birth occurring before a woman's first marriage (for all ever-married women) or a first birth occurring to a never-married woman. Prematurally and postmaturally conceived first births are those births occurring 0 to 7 months and 8 or more months respectively, after an ever-married woman's first marriage. Based on **June 1982** Current Population Survey, see text, p. 2 and Appendix III]

Race, age at first birth, and status of birth	Period of first birth[1]						
	1947–1952	1952–1957	1957–1962	1962–1967	1967–1972	1972–1977	1977–1982
ALL RACES[2]							
15–17 yr. old: First births (1,000)	449	548	675	735	904	934	[3]630
Percent—Premarital births	22.4	25.6	30.9	33.7	45.7	52.8	57.4
Prematurally conceived	19.8	25.0	23.7	28.2	31.9	27.3	24.2
Postmaturally conceived	57.8	49.4	45.4	38.1	22.4	20.0	18.4
18–19 yr. old: First births (1,000)	945	954	1,231	1,317	1,418	1,287	1,181
Percent—Premarital births	14.1	11.8	14.3	16.3	20.5	32.2	39.6
Prematurally conceived	11.8	14.5	21.1	26.6	29.8	27.3	24.1
Postmaturally conceived	74.1	73.8	64.6	57.1	49.7	40.6	36.3
20–24 yr. old: First births (1,000)	2,502	2,445	2,642	2,683	3,163	2,859	2,755
Percent—Premarital births	4.7	5.4	5.8	7.7	9.5	13.2	15.5
Prematurally conceived	6.0	7.4	7.9	10.3	12.4	9.9	10.4
Postmaturally conceived	89.3	87.1	86.3	82.1	78.1	76.9	74.1
25–29 yr. old: First births (1,000)	711	1,087	937	877	1,112	1,425	1,730
Percent—Premarital births	3.2	2.8	4.4	6.2	4.1	4.3	4.2
Prematurally conceived	3.6	1.9	3.7	3.7	4.4	2.6	4.9
Postmaturally conceived	93.1	95.3	91.9	90.0	91.5	93.1	90.9
WHITE							
15–17 yr. old: First births (1,000)	336	408	478	526	585	586	[3]438
Percent—Premarital births	12.0	15.1	16.7	20.2	28.0	32.8	43.1
Prematurally conceived	19.6	24.1	26.1	33.0	42.2	37.7	32.2
Postmaturally conceived	68.4	60.8	57.2	46.9	29.8	29.5	24.6
18–19 yr. old: First births (1,000)	801	814	1,025	1,121	1,151	967	893
Percent—Premarital births	9.7	6.7	8.9	12.1	12.0	20.9	27.8
Prematurally conceived	10.5	14.7	20.5	26.3	31.6	30.5	27.9
Postmaturally conceived	79.8	78.6	70.6	61.6	56.4	48.6	44.4
20–24 yr. old: First births (1,000)	2,295	2,201	2,397	2,343	2,757	2,423	2,406
Percent—Premarital births	3.2	3.0	3.8	4.3	6.4	7.5	9.7
Prematurally conceived	5.7	6.5	7.8	9.6	12.1	9.5	10.6
Postmaturally conceived	91.1	90.5	88.4	86.1	81.5	83.0	79.7
25–29 yr. old: First births (1,000)	(NA)	1,007	840	773	979	1,246	1,567
Percent—Premarital births	(NA)	1.1	3.7	4.7	2.4	3.2	2.5
Prematurally conceived	(NA)	1.7	3.5	3.2	4.3	2.2	5.0
Postmaturally conceived	(NA)	97.2	92.9	92.1	93.3	94.6	92.5
BLACK							
15–17 yr. old: First births (1,000)	107	137	188	195	298	323	[3]176
Percent—Premarital births	54.9	57.0	67.6	70.6	80.1	89.3	93.4
Prematurally conceived	20.6	28.3	16.9	16.3	12.5	7.4	5.2
Postmaturally conceived	24.5	14.7	15.5	13.0	7.3	3.3	1.4
18–19 yr. old: First births (1,000)	135	131	178	166	241	290	257
Percent—Premarital births	39.7	41.7	45.9	42.7	57.3	70.9	79.0
Prematurally conceived	19.8	13.1	24.4	29.5	22.2	16.6	11.9
Postmaturally conceived	40.5	45.2	29.7	27.7	20.5	12.4	9.1
20–24 yr. old: First births (1,000)	168	192	202	282	323	360	287
Percent—Premarital births	22.9	32.0	30.0	36.2	35.9	51.3	63.5
Prematurally conceived	9.6	14.6	8.7	15.6	13.8	10.2	7.5
Postmaturally conceived	67.5	53.4	61.3	48.2	50.3	38.5	29.0
25–29 yr. old: First births (1,000)	(NA)	63	66	62	75	89	92
Percent—Premarital births	(NA)	(B)	(B)	(B)	22.4	17.5	31.4
Prematurally conceived	(NA)	(B)	(B)	(B)	5.3	4.4	4.4
Postmaturally conceived	(NA)	(B)	(B)	(B)	72.3	78.1	64.1

B Base too small to show derived statistic. NA Not available. [1] Periods are from July of the beginning of the period to June of the end of the period. [2] Includes other races not shown separately. [3] Excludes births to women who were never married and were 15–17 years old in June 1982.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 387; and unpublished data.

No. 97. Unwanted Birth of All Mothers, 15-44 Years Old: 1973 and 1982

[Data for 1973 represent the birth experience to date of all mothers 15-44 years old who have been married or are single with children of their own in the household. In 1982, the sample was expanded to include all never married women 15-44 years old. The number of mothers in 1982 thus includes never-married women who gave their child(ren) up for adoption; such mothers are excluded from the 1973 sample. From the 1973 and 1982 National Survey of Family Growth; based on a multi-stage area probability sample. Data are subject to sampling variability]

Race and age	1973					1982				
	Number of mothers (1,000)	Children ever born (1,000)	Percent of children ever born			Number of mothers (1,000)	Children ever born (1,000)	Percent of children ever born		
			Wanted at conception		Unwanted at conception			Wanted at conception		Unwanted at conception
			Total	Mistimed				Total	Mistimed	
Total mothers [1]	**25,803**	**69,849**	**85.4**	**26.1**	**14.4**	**31,158**	**70,218**	**89.2**	**29.0**	**10.5**
White	**22,182**	**59,033**	**88.5**	**25.6**	**11.4**	**25,647**	**57,167**	**91.8**	**28.1**	**8.0**
15-24 years	3,410	5,777	93.9	40.3	6.0	3,459	4,930	94.1	48.5	5.9
15-19 years	451	695	98.2	51.7	1.8	520	616	92.1	71.5	7.9
25-34 years	9,737	23,683	89.8	27.1	10.0	11,534	23,198	93.4	26.9	6.3
35-44 years	9,036	29,573	86.3	21.5	13.5	10,654	29,039	90.1	25.6	9.8
Black	**3,359**	**10,158**	**67.1**	***28.8***	***32.3***	***4,538***	***11,037***	***75.8***	***34.3***	***23.7***
15-24 years	940	1,572	77.6	46.9	22.4	1,037	1,520	75.2	44.3	24.8
15-19 years	237	324	81.8	53.1	18.2	255	277	70.0	50.9	30.0
25-34 years	1,247	3,663	70.1	31.2	29.4	2,030	4,663	80.1	35.5	19.6
35-44 years	1,172	4,923	61.5	21.2	37.7	1,470	4,853	71.8	30.2	27.3
Currently married mothers [1]	**21,551**	**58,234**	**87.8**	**25.7**	**12.0**	**23,134**	**52,873**	**92.0**	**26.6**	**7.8**
White	**19,629**	**52,369**	**89.4**	**25.4**	**10.5**	**20,517**	**46,546**	**93.0**	**26.0**	**6.8**
15-24 years	2,865	4,935	94.4	38.7	5.5	2,470	3,579	95.9	43.8	[2] 4.1
25-34 years	8,732	21,300	91.2	26.9	8.6	9,407	19,083	94.6	24.8	5.0
35-44 years	8,012	26,134	86.9	21.6	12.9	8,639	23,884	91.2	24.2	8.7
Black	**1,700**	**5,331**	**71.8**	**28.4**	**27.8**	**1,878**	**4,769**	**82.6**	**33.1**	**17.2**
15-24 years	385	684	81.9	46.1	18.1	238	387	83.4	41.7	[2] 16.6
25-34 years	702	2,066	74.9	31.5	24.3	913	2,075	84.3	31.9	15.5
35-44 years	613	2,581	66.5	21.1	33.2	726	2,307	81.0	32.7	18.8

[1] Includes other races, not shown separately. [2] Figures does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, *Wanted and Unwanted Births Reported by Mothers 15-44 Years of Age, United States, 1973, Advance Data from Vital and Health Statistics,* No. 9 and unpublished data.

No. 98. Contraceptive Use by Currently Married Women 15-44 Years Old, by Age, Race, and Method of Contraception: 1965 to 1982

[1965 data from National Fertility Survey; 1973 and 1982 data, see table 97]

Race and method of contraception	Total, 15-44 years old			15-29 years old			30-44 years old		
	1965	1973 [1]	1982	1965	1973 [1]	1982	1965	1973 [1]	1982
WHITE WOMEN									
Currently married (1,000)	23,427	24,249	25,195	9,166	10,963	10,005	14,261	13,286	15,190
Percent using contraception	64.1	70.5	68.8	63.4	70.7	67.7	64.5	70.4	69.6
Percent distribution of users of contraception	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wife sterilized	6.5	11.6	24.7	2.8	5.7	9.6	8.7	16.5	34.3
Husband sterilized	5.5	11.9	16.2	3.2	5.6	6.8	7.0	17.1	22.3
Pill	24.0	35.6	19.5	42.4	52.9	40.4	12.8	21.2	6.1
Intrauterine device	[2] 1.1	9.4	7.0	[2] 1.5	11.9	7.1	[2].8	7.4	6.9
Diaphragm	10.4	3.6	6.8	6.6	2.6	9.4	12.8	4.4	5.2
Condom	22.4	14.1	14.8	19.2	10.5	14.7	24.4	17.1	14.9
Foam	3.1	5.0	3.0	4.5	5.3	[2] 2.9	2.2	4.7	3.0
Rhythm	11.5	4.1	3.9	8.0	2.0	[2] 3.9	13.7	5.9	3.9
All other [3]	*15.5*	*4.8*	*4.2*	*11.9*	*3.5*	[2] *5.3*	*17.7*	*5.9*	*3.4*
BLACK WOMEN									
Currently married (1,000)	2,091	2,081	2,130	(NA)	964	859	(NA)	1,117	1,271
Percent using contraception	56.2	60.0	60.8	62.2	63.7	65.1	51.1	56.8	57.8
Percent distribution of users of contraception	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wife sterilized	15.3	22.7	34.4	7.4	9.8	22.4	23.4	35.2	43.5
Husband sterilized	[2].6	[2] 1.7	[2] 3.6	[2].4	[2].7	[2] 2.2	[2].7	[2] 2.7	[2] 4.6
Pill	21.6	43.8	25.5	30.9	63.9	44.1	12.3	24.3	11.4
Intrauterine device	2.8	12.7	9.6	4.8	13.1	[2] 10.2	.7	12.4	9.2
Diaphragm	5.0	[2] 2.0	5.4	3.3	[2] 1.2	[2] 2.7	6.7	[2] 2.8	[2] 7.3
Condom	17.4	5.3	7.1	18.7	[2] 3.1	[2] 6.2	16.0	7.5	[2] 7.8
Foam	*6.3*	*5.0*	[2] *3.4*	*8.1*	*3.5*	[2] *1.2*	*4.5*	*6.6*	[2] *5.1*
Rhythm	2.6	[2] 1.3	[2] 3.7	2.9	[2] 1.6	[2] 4.4	2.2	[2].9	[2] 3.2
All other [3]	28.5	5.3	7.3	23.5	3.1	[2] 6.5	33.5	7.6	[2] 7.9

NA Not available. [1] Includes a small number of unmarried women living together with a partner in 1973. [2] Figure does not meet standards of reliability or precision. [3] Represents withdrawals, douche, and other methods.

Source: 1965 and 1973, U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 23, No. 10, DHHS publication No. 82-1966; and 1982, unpublished data.

No. 99. Legal Abortions—Estimated Number, Rate, and Ratio, by Race: 1972 to 1982

[Refers to women 15-44 years old at time of abortion]

Year	All races				White				Black and other			
	Women 15-44 years old (1,000)	Abortions			Women 15-44 years old (1,000)	Abortions			Women 15-44 years old (1,000)	Abortions		
		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]
1972	44,588	586.8	13.2	184	38,532	455.3	11.8	175	6,056	131.5	21.7	223
1973	45,590	744.6	16.3	239	39,314	548.8	14.0	217	6,276	195.8	31.2	337
1974	46,608	898.6	19.3	282	40,101	629.3	15.7	242	6,507	269.3	41.4	457
1975	47,606	1,034.2	21.7	331	40,857	701.2	17.2	276	6,749	333.0	49.3	565
1976	48,721	1,179.3	24.2	361	41,721	784.9	18.8	296	7,000	394.4	56.3	638
1977	49,814	1,316.7	26.4	400	42,567	888.8	20.9	333	7,247	427.9	59.0	679
1978	50,920	1,409.6	27.7	417	43,427	969.4	22.3	356	7,493	440.2	58.7	665
1979	52,016	1,497.7	28.8	422	44,266	1,062.4	24.0	373	7,750	435.3	56.2	625
1980	53,048	1,553.9	29.3	428	44,942	1,093.6	24.3	376	8,106	460.3	56.5	642
1981	53,901	1,577.3	29.3	429	45,494	1,107.8	24.3	377	8,407	469.6	55.9	645
1982	54,652	1,573.9	28.8	426	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] See headnote, table 101.

No. 100. Legal Abortions, by Selected Characteristics: 1973 to 1981

[Number of abortions from surveys conducted by source; characteristics from the U.S. Centers for Disease Control's (CDC) annual abortion surveillance summaries, with adjustments for changes in States reporting data to the CDC each year]

Characteristic	Number (1,000)							Percent distribution			Abortion ratio [1]		
	1973	1975	1977	1978	1979	1980	1981	1973	1980	1981	1973	1980	1981
Total legal abortions	**745**	**1,034**	**1,317**	**1,410**	**1,498**	**1,554**	**1,577**	**100.0**	**100.0**	**100.0**	**193**	**300**	**300**
Age of woman:													
Less than 15 years old	12	15	16	15	16	15	15	1.6	1.0	1.0	476	607	610
15-19 years old	232	325	397	419	445	445	433	31.2	28.6	27.5	280	451	448
20-24 years old	241	332	450	489	526	549	555	32.3	35.4	35.2	181	310	311
25-29 years old	130	189	247	266	284	304	316	17.4	19.6	20.0	128	213	217
30-34 years old	73	100	124	134	142	153	167	9.7	9.8	10.6	165	213	221
35-39 years old	41	53	62	65	65	67	70	5.5	4.3	4.4	246	317	320
40 years old and over	17	21	22	21	20	21	21	2.3	1.3	1.3	334	461	456
Race of woman:													
White	549	701	889	969	1,062	1,094	1,108	73.7	70.4	70.2	178	274	273
Black and other	196	333	428	440	435	460	470	26.3	29.6	29.8	252	392	391
Marital status of woman:													
Married	216	272	300	331	322	320	299	29.0	20.6	18.9	74	98	91
Unmarried	528	762	1,017	1,079	1,176	1,234	1,279	71.0	79.4	81.1	564	649	648
Number of prior live births:													
None	411	543	743	798	868	900	912	55.2	57.9	57.8	242	365	366
1	115	194	249	271	287	305	312	15.4	19.6	19.8	108	208	209
2	104	156	187	198	207	216	220	13.9	13.9	13.9	190	283	284
3	61	78	80	83	82	83	85	8.1	5.3	5.4	228	288	289
4 or more	55	64	58	59	53	51	49	7.4	3.3	3.1	196	251	245
Number of prior induced abortions:													
None	(NA)	822	973	997	1,025	1,043	1,023	(NA)	67.1	64.9	(NA)	(NA)	(NA)
1	(NA)	170	272	317	352	373	390	(NA)	24.0	24.7	(NA)	(NA)	(NA)
2 or more	(NA)	42	73	96	121	138	165	(NA)	8.9	10.4	(NA)	(NA)	(NA)
Weeks of gestation:													
Less than 9 weeks	284	481	658	708	749	800	810	38.2	51.5	51.4	(NA)	(NA)	(NA)
9-10 weeks	222	290	361	388	413	417	424	29.7	26.8	26.9	(NA)	(NA)	(NA)
11-12 weeks	131	151	180	188	204	202	204	17.5	13.0	12.9	(NA)	(NA)	(NA)
13 weeks or more	108	112	118	126	133	136	139	14.6	8.7	8.8	(NA)	(NA)	(NA)

NA Not available. [1] Number of abortions per 1,000 abortions and live births. Live births are those which occurred from July 1 of year shown through June 30 of the following year (to match time of conception with abortions). For 1982, total abortion ratio is 299.

Source of tables 99 and 100: 1972, U.S. Centers for Disease Control, Atlanta, GA, *Abortion Surveillance, Annual Summary, 1972,* 1974, and The Alan Guttmacher Institute; 1973-1980, S.K. Henshaw, ed., *Abortion Services in the United States, Each State and Metropolitan Area, 1979-1980,* The Alan Guttmacher Institute, New York, NY, 1983 (copyright); 1981 and 1982, The Alan Guttmacher Institute, New York, NY, unpublished data.

No. 101. Legal Abortions—Number, Rate per 1,000 Women 15-44 Years Old, and Abortion/Live Birth Ratio, by State of Occurrence: 1973 to 1982

[Number of legal abortions are from four surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15-44 years of age on **July 1** of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from **July 1** of year shown to **June 30** of following year, by State of occurrence]

State	Number of abortions (1,000)				Rate per 1,000 women, 15-44 years old				Ratio: abortions per 1,000 live births			
	1973	1980	1981	1982	1973	1980	1981	1982	1973	1980	1981	1982
United States	**744.6**	**1,553.9**	**1,577.3**	**1,573.9**	**16.3**	**29.3**	**29.3**	**28.8**	**239**	**428**	**429**	**426**
New England	**23.1**	**83.9**	**87.1**	**87.0**	**9.0**	**28.9**	**29.9**	**29.7**	**152**	**530**	**518**	**504**
Maine	.7	4.8	5.7	5.5	3.3	18.6	22.2	21.1	47	289	355	327
New Hampshire	.6	4.7	5.9	5.6	3.3	21.1	26.1	24.5	52	347	430	399
Vermont	1.5	3.8	3.8	3.7	14.8	30.4	30.1	29.4	233	466	494	479
Massachusetts	12.4	45.6	41.7	41.2	10.1	33.5	30.6	30.2	173	609	544	529
Rhode Island	1.1	6.6	7.5	7.8	5.8	30.7	34.7	35.8	96	529	574	590
Connecticut	6.8	18.4	22.6	23.2	10.4	25.6	31.2	31.8	188	561	551	540
Middle Atlantic	**252.9**	**311.8**	**311.9**	**307.8**	**32.0**	**37.0**	**36.9**	**36.3**	**531**	**627**	**617**	**607**
New York	212.7	187.5	187.6	182.7	54.5	45.8	45.8	44.5	904	780	756	731
New Jersey	10.2	55.5	59.5	61.1	6.7	32.8	34.9	35.7	113	591	629	653
Pennsylvania	29.9	68.9	64.8	64.1	12.2	26.1	24.4	24.1	200	423	398	392
East North Central	**97.4**	**242.9**	**230.2**	**227.6**	**11.1**	**24.9**	**23.5**	**23.1**	**161**	**369**	**358**	**360**
Ohio	17.3	67.1	60.7	61.4	7.4	26.8	24.1	24.3	109	397	367	378
Indiana	1.8	19.6	16.0	15.7	1.5	15.3	12.4	12.1	21	227	192	189
Illinois	32.8	69.1	66.8	65.9	13.6	25.9	24.9	24.4	199	374	368	366
Michigan	37.5	65.2	65.2	64.2	19.1	29.7	29.6	29.0	272	457	474	482
Wisconsin	8.2	21.8	21.4	20.4	8.6	20.1	19.5	18.5	129	292	285	276
West North Central	**29.6**	**75.2**	**74.1**	**73.2**	**8.6**	**19.2**	**18.8**	**18.4**	**125**	**260**	**260**	**259**
Minnesota	7.3	19.9	19.9	19.0	8.8	20.7	20.5	19.4	137	288	299	283
Iowa	2.3	9.3	8.5	8.2	4.0	14.3	13.0	12.6	59	195	184	183
Missouri	3.4	21.6	19.6	19.8	3.5	19.4	17.4	17.4	49	273	250	253
North Dakota	-	3.1	3.2	3.4	-	21.5	21.5	22.4	-	235	239	246
South Dakota	1.6	1.4	1.6	1.8	12.2	9.0	10.5	11.6	153	103	125	143
Nebraska	2.3	6.4	6.7	6.6	7.2	17.9	18.8	18.3	99	227	251	247
Kansas	12.6	13.6	14.5	14.4	26.5	25.6	27.0	26.6	413	343	356	361
South Atlantic	**114.4**	**254.5**	**270.6**	**270.4**	**16.0**	**29.4**	**30.6**	**30.0**	**233**	**462**	**485**	**480**
Delaware	2.1	3.7	4.0	3.9	16.3	25.9	27.8	26.5	255	395	429	403
Maryland	11.1	30.5	34.0	34.8	12.2	29.2	32.2	32.7	241	571	611	603
District of Columbia	44.6	28.5	30.3	28.6	251.4	168.3	178.7	169.9	2,355	1,569	1,627	1,517
Virginia	8.4	31.8	35.8	34.9	7.6	24.2	26.8	25.7	124	417	464	447
West Virginia	(z)	3.0	3.1	3.4	.1	6.9	7.1	7.7	2	104	111	122
North Carolina	12.3	31.9	33.2	33.2	10.2	22.8	23.3	23.0	146	377	388	383
South Carolina	2.2	13.7	15.2	16.1	3.5	18.2	19.8	20.7	47	274	307	328
Georgia	11.0	37.9	37.9	38.5	10.0	28.4	27.8	27.7	129	395	412	415
Florida	22.9	73.6	77.0	76.9	14.7	35.5	35.9	34.8	214	547	543	524
East South Central	**12.7**	**65.3**	**59.7**	**62.4**	**4.4**	**19.2**	**17.3**	**17.8**	**56**	**271**	**235**	**270**
Kentucky	2.6	12.8	10.2	10.8	3.6	15.1	11.9	12.5	48	215	178	189
Tennessee	5.3	25.6	24.2	26.1	5.8	23.6	22.0	23.3	79	352	339	372
Alabama	4.6	20.8	19.8	19.9	6.0	23.1	21.7	21.6	78	331	327	340
Mississippi	.1	6.1	5.4	5.5	.2	10.6	9.3	9.3	3	132	117	122
West South Central	**19.1**	**137.2**	**149.5**	**147.5**	**4.2**	**24.5**	**26.0**	**25.0**	**53**	**308**	**318**	**305**
Arkansas	1.1	6.2	6.4	6.7	2.7	12.3	12.5	12.9	35	173	186	191
Louisiana	-	17.7	20.7	22.3	-	17.6	20.1	21.3	-	218	246	265
Oklahoma	.6	11.3	12.4	12.7	1.0	16.4	17.6	17.6	15	221	233	229
Texas	17.3	102.0	110.1	105.8	6.4	30.0	31.3	29.2	79	367	368	343
Mountain	**17.1**	**68.2**	**69.6**	**70.9**	**8.3**	**25.0**	**24.7**	**24.4**	**103**	**302**	**294**	**303**
Montana	.5	3.7	4.2	4.2	3.0	20.1	22.6	22.5	39	265	295	303
Idaho	.4	2.7	3.0	3.0	2.3	12.7	13.6	13.4	26	141	155	158
Wyoming	.2	1.1	.9	1.0	2.2	9.5	8.1	8.4	30	107	95	101
Colorado	7.6	23.1	23.9	25.2	13.5	31.4	31.4	32.2	195	447	441	454
New Mexico	4.7	8.4	7.3	7.5	18.9	27.0	22.7	22.8	227	358	243	281
Arizona	2.8	15.8	16.5	15.8	6.1	25.0	25.2	23.4	78	310	316	298
Utah	.1	4.2	4.1	4.2	.4	12.3	11.5	11.4	4	97	94	100
Nevada	1.0	9.2	9.7	10.0	7.1	46.6	46.9	46.0	108	697	720	702
Pacific	**178.5**	**314.9**	**324.7**	**327.3**	**28.5**	**41.0**	**41.4**	**40.8**	**449**	**561**	**584**	**576**
Washington	17.3	37.0	35.3	34.1	21.8	37.5	34.8	32.9	373	522	563	517
Oregon	11.4	17.7	16.0	16.4	23.3	28.3	25.1	25.2	356	396	369	395
California	143.9	250.4	262.7	265.7	30.5	43.7	44.9	44.5	485	598	624	617
Alaska	1.2	1.9	1.9	1.9	14.8	17.9	17.1	17.0	174	196	185	172
Hawaii	4.7	8.0	8.8	9.1	24.9	34.4	37.4	37.9	303	441	476	484

- Represents zero. Z Fewer than 50 legal abortions reported by providers.

Source: 1973 and 1980, S.K. Henshaw, ed., *Abortion Services in the United States, Each State and Metropolitan Area, 1979-1980*, The Alan Guttmacher Institute, New York, NY, 1983 (copyright); 1981 and 1982, Henshaw, S.K., J.D. Forrest, and E. Blaine, "Abortion Services in the United States, 1981 and 1982", *Family Planning Perspectives*, vol. 16, No. 3, May/June 1984, The Alan Guttmacher Institute, New York, NY.

NO. 102. EXPECTATION OF LIFE AT BIRTH: 1920 TO 1983

[**In years.** Prior to 1960, excludes Alaska and Hawaii. Data prior to 1940 for death-registration States only; see text, p. 55. Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107–115]

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1965	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8
1972	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1
1980	73.7	70.0	77.5	74.4	70.7	78.1	69.5	65.3	73.6
1981	74.2	70.4	77.9	74.8	71.1	78.5	70.3	66.1	74.5
1982, prel	74.5	70.8	78.2	75.1	71.4	78.7	70.9	66.5	75.2
1983, prel	74.7	71.0	78.3	75.2	71.6	78.8	71.3	67.1	75.3

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 103. SELECTED LIFE TABLE VALUES: 1959 TO 1981

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the United States. See *Historical Statistics, Colonial Times to 1970*, series B 116–125]

AGE AND SEX	WHITE					BLACK AND OTHER					BLACK		
	1959–1961	1969–1971	1975	1980	1981	1959–1961	1969–1971	1975	1980	1981	1975	1980	1981
	AVERAGE EXPECTATION OF LIFE IN YEARS												
At birth: Male	67.6	67.9	69.5	70.7	71.1	61.5	61.0	63.7	65.3	66.1	62.4	63.7	64.4
Female	74.2	75.5	77.3	78.1	78.5	66.5	69.1	72.4	73.6	74.5	71.3	72.3	73.0
Age 20: Male	50.3	50.2	51.5	52.4	52.7	45.8	44.4	46.4	47.5	48.2	45.2	46.0	46.6
Female	56.3	57.2	58.8	59.4	59.7	50.1	51.9	54.7	55.5	56.2	53.7	54.3	54.9
Age 40: Male	31.7	31.9	33.1	34.0	34.2	28.7	28.3	29.8	30.3	30.9	28.8	29.1	29.5
Female	37.1	38.1	39.5	40.1	40.4	32.2	33.9	36.3	36.8	37.5	35.3	35.7	36.3
Age 50: Male	23.2	23.3	24.4	25.2	25.4	21.3	21.2	21.4	22.6	23.1	21.6	21.6	22.0
Female	28.1	29.1	30.4	30.9	31.2	24.3	26.0	28.0	28.3	28.9	27.2	27.3	27.8
Age 65: Male	13.0	13.0	13.8	14.2	14.4	12.8	12.9	13.6	13.5	14.0	13.1	12.9	13.2
Female	15.9	16.9	18.2	18.5	18.8	15.1	16.0	17.9	17.3	17.9	16.7	16.5	17.0
	ANNUAL DEATHS EXPECTED PER 1,000 ALIVE AT SPECIFIED AGE												
At birth: Male	25.9	20.1	15.9	12.3	11.7	47.0	34.1	26.3	20.9	19.3	28.4	23.4	21.7
Female	19.6	15.3	12.3	9.7	9.3	38.3	27.7	22.2	17.6	16.3	24.1	19.5	18.3
Age 20: Male	1.6	1.9	1.8	1.8	1.7	2.4	3.6	2.7	2.3	2.0	2.8	2.4	2.0
Female	.6	.6	.6	.6	.6	1.2	1.2	.9	.7	.7	1.0	.7	.7
Age 40: Male	3.3	3.4	2.9	2.6	2.5	7.5	9.0	7.2	6.0	5.7	8.0	7.0	6.8
Female	1.9	1.9	1.7	1.4	1.4	5.6	5.1	3.6	3.0	2.8	4.0	3.3	3.1
Age 50: Male	9.6	8.9	8.0	7.1	6.9	15.7	16.8	14.9	13.4	12.9	16.2	15.1	14.6
Female	4.7	4.7	4.2	3.8	3.8	11.7	10.1	7.9	7.0	6.6	8.5	7.8	7.4
Age 65: Male	33.9	33.9	30.0	27.5	26.7	43.7	41.7	36.2	36.2	35.3	38.1	39.3	38.7
Female	17.4	15.6	13.7	13.7	13.6	30.7	27.4	20.3	20.4	19.9	20.9	21.9	21.6
	NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN LIVE												
Age 20: Male	959	964	970	975	976	931	943	956	964	967	954	961	964
Female	971	976	980	983	984	947	959	968	974	976	966	972	973
Age 40: Male	924	925	935	939	942	857	844	872	894	901	863	883	889
Female	953	957	964	969	970	897	912	934	943	949	929	941	944
Age 50: Male	874	877	890	901	904	772	747	788	819	828	772	798	806
Female	925	929	939	947	948	830	850	884	903	909	876	893	900
Age 65: Male	658	652	695	723	729	514	496	546	580	593	521	545	556
Female	807	809	834	847	849	608	661	720	750	759	704	728	737

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1959–61;* and *Vital Statistics of the United States*, annual; and unpublished data.

NO. 104. EXPECTATION OF LIFE AND EXPECTED DEATHS, BY RACE, SEX, AND AGE: 1981

AGE IN 1981 (years)	EXPECTATION OF LIFE IN YEARS					EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE				
	Total	White		Black		Total	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth	74.2	71.1	78.5	64.4	73.0	11.94	11.66	9.25	21.67	18.31
1	74.1	71.0	78.2	64.8	73.4	.82	.85	.64	1.34	1.06
2	73.1	70.0	77.3	63.9	72.5	.64	.63	.51	1.10	.87
3	72.2	69.1	76.3	62.9	71.5	.51	.50	.41	.91	.70
4	71.2	68.1	75.3	62.0	70.6	.42	.42	.33	.75	.56
5	70.2	67.1	74.4	61.0	69.6	.36	.38	.28	.63	.44
6	69.3	66.1	73.4	60.1	68.6	.32	.36	.25	.53	.34
7	68.3	65.2	72.4	59.1	67.7	.29	.34	.22	.45	.28
8	67.3	64.2	71.4	58.1	66.7	.26	.30	.20	.39	.25
9	66.3	63.2	70.4	57.2	65.7	.22	.25	.17	.34	.24
10	65.3	62.2	69.4	56.2	64.7	.20	.21	.16	.32	.25
11	64.4	61.2	68.4	55.2	63.7	.20	.20	.16	.33	.27
12	63.4	60.2	67.5	54.2	62.7	.24	.27	.18	.39	.30
13	62.4	59.3	66.5	53.2	61.8	.35	.44	.24	.50	.32
14	61.4	58.3	65.5	52.3	60.8	.50	.67	.31	.65	.34
15	60.4	57.3	64.5	51.3	59.8	.66	.93	.40	.83	.36
16	59.5	56.4	63.5	50.3	58.8	.82	1.17	.48	1.02	.40
17	58.5	55.4	62.6	49.4	57.8	.95	1.37	.54	1.24	.45
18	57.6	54.5	61.6	48.4	56.9	1.04	1.51	.57	1.49	.51
19	56.6	53.6	60.6	47.5	55.9	1.09	1.60	.56	1.75	.58
20	55.7	52.7	59.7	46.6	54.9	1.15	1.68	.55	2.03	.66
21	54.8	51.8	58.7	45.7	54.0	1.20	1.75	.55	2.31	.75
22	53.8	50.9	57.7	44.8	53.0	1.24	1.80	.55	2.57	.83
23	52.9	50.0	56.8	43.9	52.1	1.26	1.81	.55	2.80	.90
24	52.0	49.0	55.8	43.0	51.1	1.27	1.79	.56	3.00	.98
25	51.0	48.1	54.8	42.2	50.2	1.28	1.76	.57	3.21	1.06
26	50.1	47.2	53.9	41.3	49.2	1.29	1.73	.58	3.41	1.15
27	49.2	46.3	52.9	40.4	48.3	1.29	1.70	.59	3.58	1.23
28	48.2	45.4	51.9	39.6	47.3	1.29	1.67	.60	3.72	1.30
29	47.3	44.5	50.9	38.7	46.4	1.29	1.64	.62	3.82	1.36
30	46.3	43.5	50.0	37.9	45.4	1.29	1.62	.63	3.92	1.43
31	45.4	42.6	49.0	37.0	44.5	1.31	1.60	.66	4.03	1.51
32	44.5	41.7	48.0	36.2	43.6	1.34	1.61	.69	4.20	1.61
33	43.5	40.7	47.1	35.3	42.6	1.39	1.55	.74	4.42	1.74
34	42.6	39.8	46.1	34.5	41.7	1.47	1.72	.80	4.69	1.90
35	41.6	38.9	45.1	33.6	40.8	1.56	1.81	.88	5.00	2.07
36	40.7	37.9	44.2	32.8	39.9	1.66	1.92	.96	5.33	2.26
37	39.8	37.0	43.2	32.0	39.0	1.78	2.05	1.05	5.66	2.46
38	38.8	36.1	42.3	31.1	38.1	1.92	2.18	1.14	6.01	2.67
39	37.9	35.2	41.3	30.3	37.2	2.06	2.34	1.24	6.36	2.89
40	37.0	34.2	40.4	29.5	36.3	2.23	2.53	1.35	6.75	3.14
41	36.1	33.3	39.4	28.7	35.4	2.43	2.75	1.48	7.19	3.41
42	35.2	32.4	38.5	27.9	34.5	2.66	3.01	1.63	7.72	3.71
43	34.3	31.5	37.5	27.1	33.6	2.93	3.34	1.82	8.36	4.04
44	33.4	30.6	36.6	26.4	32.8	3.25	3.71	2.04	9.10	4.40
45	32.5	29.7	35.7	25.6	31.9	3.60	4.13	2.28	9.90	4.78
46	31.6	28.8	34.8	24.9	31.1	3.98	4.58	2.54	10.74	5.20
47	30.7	28.0	33.9	24.1	30.2	4.38	5.09	2.82	11.63	5.67
48	29.8	27.1	32.9	23.4	29.4	4.82	5.65	3.10	12.57	6.20
49	29.0	26.3	32.0	22.7	28.6	5.30	6.26	3.41	13.56	6.78
50	28.1	25.4	31.2	22.0	27.8	5.81	6.93	3.75	14.62	7.40
51	27.3	24.6	30.3	21.3	27.0	6.36	7.65	4.11	15.73	8.06
52	26.5	23.8	29.4	20.6	26.2	6.95	8.43	4.49	16.90	8.75
53	25.6	23.0	28.5	20.0	25.4	7.57	9.26	4.89	18.12	9.46
54	24.8	22.2	27.7	19.4	24.6	8.24	10.17	5.32	19.41	10.20
55	24.0	21.4	26.8	18.7	23.9	8.96	11.14	5.79	20.76	10.98
56	23.2	20.7	26.0	18.1	23.2	9.73	12.18	6.29	22.17	11.80
57	22.5	19.9	25.1	17.5	22.4	10.57	13.32	6.85	23.67	12.69
58	21.7	19.2	24.3	16.9	21.7	11.49	14.56	7.47	25.26	13.65
59	21.0	18.4	23.5	16.4	21.0	12.48	15.90	8.14	26.93	14.68
60	20.2	17.7	22.7	15.8	20.3	13.54	17.33	8.87	28.69	15.78
61	19.5	17.0	21.9	15.2	19.6	14.68	18.87	9.67	30.53	16.93
62	18.8	16.4	21.1	14.7	18.9	15.92	20.56	10.53	32.44	18.08
63	18.1	15.7	20.3	14.2	18.3	17.27	22.45	11.46	34.44	19.23
64	17.4	15.0	19.5	13.7	17.6	18.74	24.51	12.48	36.52	20.39
65	16.7	14.4	18.8	13.2	17.0	20.30	26.72	13.59	38.68	21.57
70	13.5	11.5	15.1	10.8	13.9	30.17	40.68	20.84	51.71	30.36
75	10.7	9.0	11.8	8.7	11.1	43.98	60.23	32.42	64.86	40.24
80	8.1	6.9	8.9	6.5	8.4	66.13	88.85	53.12	86.44	59.48
85 and over	6.1	5.2	6.6	4.7	6.3	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 105. DEATHS AND DEATH RATES, BY SEX AND RACE: 1950 TO 1982

[**Rates are per 1,000 population for specified groups.** 1950 excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the U.S. Excludes fetal deaths. See Appendix III. For explanation of age-adjustment, see text, p. 55. The standard population for this table is the total population of the United States enumerated in 1940. See also *Historical Statistics, Colonial Times to 1970*, series B 167-173 and B 181-192]

RACE AND SEX	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982,[1] prel.
Deaths (1,000)	**1,452**	**1,712**	**1,828**	**1,921**	**1,893**	**1,900**	**1,928**	**1,914**	**1,990**	**1,978**	**1,986**
Male (1,000)	828	976	1,035	1,078	1,051	1,046	1,055	1,045	1,075	1,064	1,064
Female (1,000)	625	736	793	843	842	853	872	869	915	914	921
White (1,000)	1,276	1,505	1,605	1,682	1,660	1,664	1,690	1,676	1,739	1,731	1,739
Male (1,000)	731	861	911	942	918	913	920	910	934	925	925
Female (1,000)	545	644	695	740	743	751	770	766	805	806	814
Black (1,000)	170	196	211	226	218	220	221	221	233	229	226
Male (1,000)	92	108	117	128	124	124	125	124	130	127	127
Female (1,000)	78	88	94	98	94	96	97	96	103	101	99
Death rates	**9.6**	**9.5**	**9.4**	**9.5**	**8.8**	**8.6**	**8.7**	**8.5**	**8.8**	**8.6**	**8.6**
Male	11.1	11.0	10.9	10.9	10.0	9.8	9.8	9.6	9.8	9.5	9.5
Female	8.2	8.1	8.0	8.1	7.6	7.6	7.6	7.5	7.9	7.8	7.7
White	9.5	9.5	9.4	9.5	8.7	8.7	8.8	8.7	8.9	8.8	8.8
Male	10.9	11.0	10.9	10.9	10.0	9.8	9.8	9.6	9.8	9.7	9.6
Female	8.0	8.0	8.0	8.1	7.8	7.7	7.8	7.7	8.1	8.0	8.0
Black	11.3	10.4	10.1	10.0	8.8	8.6	8.6	8.4	8.8	8.4	8.2
Male	12.6	11.8	11.6	11.9	10.6	10.3	10.2	10.0	10.3	9.9	9.7
Female	10.0	9.1	8.6	8.3	7.3	7.2	7.1	7.0	7.3	7.1	6.8
Age-adjusted death rates	**8.4**	**7.6**	**7.4**	**7.1**	**6.2**	**6.0**	**6.0**	**5.8**	**5.9**	**5.7**	**5.6**
Male	10.0	9.5	9.5	9.3	8.2	8.0	7.9	7.7	7.8	7.5	7.4
Female	6.9	5.9	5.6	5.3	4.6	4.4	4.4	4.2	4.3	4.2	4.1
White	8.0	7.3	7.0	6.8	6.0	5.8	5.7	5.5	5.6	5.4	5.3
Male	9.6	9.2	9.1	8.9	8.0	7.7	7.6	7.4	7.5	7.2	7.1
Female	6.5	5.6	5.3	5.0	4.4	4.2	4.2	4.0	4.1	4.0	4.0
Black	[2] 12.3	10.7	10.5	10.4	8.9	8.5	8.3	8.1	8.4	8.0	7.8
Male	[2] 13.6	12.5	12.7	13.2	11.6	11.1	10.9	10.7	11.1	10.7	10.5
Female	[2] 11.0	9.2	8.6	8.1	6.7	6.4	6.2	6.1	6.3	6.0	5.7

[1] Based on a 10-percent sample of deaths. [2] Black and other races.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

NO. 106. DEATH RATES, BY AGE, SEX, AND RACE: 1950 TO 1982

[**Number of deaths per 100,000 population in specified group.** See headnote, table 105]

SEX, YEAR, AND RACE	All ages [1]	Under 1 yr. old	1-4 yr. old	5-14 yr. old	15-24 yr. old	25-34 yr. old	35-44 yr. old	45-54 yr. old	55-64 yr. old	65-74 yr. old	75-84 yr. old	85 yr. old and over
MALE												
1950	1,106	3,728	152	71	168	217	429	1,067	2,395	4,931	10,426	21,636
1960	1,105	3,059	120	56	152	188	373	992	2,310	4,914	10,178	21,186
1970	1,090	2,410	93	51	189	215	403	959	2,283	4,874	10,010	17,822
1975	1,002	1,786	77	41	174	199	345	859	2,019	4,409	9,154	18,135
1980	977	1,429	73	37	172	196	299	767	1,815	4,105	8,817	18,801
1981	955	1,332	67	36	158	191	292	752	1,775	3,995	8,520	18,138
1982, prel.[2]	946	1,266	63	35	155	182	272	730	1,728	3,971	8,469	18,054
White: 1970	1,087	2,113	84	48	171	177	344	883	2,203	4,810	10,099	18,552
1980	983	1,230	66	35	167	171	257	699	1,729	4,036	8,830	19,097
1981	965	1,182	61	34	155	167	252	687	1,692	3,927	8,565	18,454
1982, prel.[2]	958	1,129	56	32	148	157	238	671	1,649	3,893	8,507	18,333
Black: 1970	1,187	4,299	151	67	321	560	957	1,778	3,257	5,803	9,455	12,222
1980	1,034	2,587	111	47	209	407	690	1,480	2,873	5,131	9,232	16,099
1981	992	2,165	105	45	187	387	668	1,433	2,804	5,046	8,635	15,396
1982, prel.[2]	974	2,050	98	48	197	381	611	1,331	2,709	5,160	8,620	15,732
FEMALE												
1950	824	2,855	127	49	89	143	290	642	1,405	3,333	8,400	19,195
1960	809	2,321	98	37	61	107	229	527	1,196	2,872	7,633	19,008
1970	808	1,864	75	32	68	102	231	517	1,099	2,580	6,678	15,518
1975	761	1,411	63	27	60	84	191	455	994	2,237	5,743	14,455
1980	785	1,142	55	24	58	76	159	413	934	2,145	5,440	14,747
1981	775	1,077	53	23	55	74	153	407	925	2,101	5,201	14,203
1982, prel.[2]	774	1,015	48	21	54	73	146	394	910	2,086	5,105	14,042
White: 1970	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
1980	806	963	49	23	56	65	138	373	876	2,067	5,402	14,980
1981	800	935	48	22	53	65	134	371	869	2,033	5,176	14,438
1982, prel.[2]	802	906	44	20	52	63	130	358	861	2,029	5,090	14,278
Black: 1970	829	3,369	129	44	112	231	533	1,044	1,986	3,861	6,692	10,707
1980	733	2,124	84	31	71	150	324	768	1,561	3,057	6,212	12,367
1981	707	1,823	82	30	64	141	306	724	1,528	2,930	5,822	11,933
1982, prel.[2]	680	1,583	66	26	62	142	287	705	1,449	2,797	5,579	11,661

[1] Includes unknown age. [2] Based on a 10-percent sample of deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 107. Deaths and Death Rates, by State: 1960 to 1981

[By place of residence. Beginning 1970, excludes deaths of nonresidents of the U.S. See Appendix III]

Region, division and state	Number of deaths (1,000)								Rate[2]					
	1960	1965	1970	1975	1980	1981			1960	1965	1970	1975	1980	1981
						Total[1]	White	Black						
U.S.	1,712	1,828	1,921	1,893	1,990	1,978	1,731	229	9.5	9.4	9.5	8.8	8.8	8.6
Regions:														
Northeast	470	493	499	466	480	467	422	41	10.5	10.4	10.2	9.4	9.8	9.5
Midwest	504	529	541	519	524	519	473	44	9.8	9.8	9.6	9.0	8.9	8.8
South	499	542	593	610	659	666	537	128	9.1	9.1	9.5	8.8	8.7	8.7
West	239	264	288	297	327	326	298	16	8.5	8.2	8.3	7.7	7.6	7.4
N.E	112	117	116	110	115	111	108	3	10.6	10.5	9.8	9.1	9.3	8.9
ME	11	11	11	10	11	10	10	(z)	11.1	10.9	11.1	9.6	9.6	9.2
NH	7	7	7	7	8	8	8	(z)	11.0	10.9	10.0	8.7	8.3	8.2
VT	4	5	4	4	5	4	4	(z)	11.4	11.6	10.0	8.9	9.0	8.4
MA	57	59	57	54	55	53	51	1	11.0	11.0	10.1	9.4	9.6	9.2
RI	9	10	9	9	9	9	9	(z)	10.5	10.9	10.0	9.4	9.8	9.6
CT	24	26	26	26	27	27	25	1	9.4	9.1	8.6	8.3	8.8	8.5
M.A	359	376	383	356	365	356	317	37	10.5	10.3	10.3	9.5	9.9	9.6
NY	178	185	188	170	173	168	147	20	10.6	10.2	10.3	9.4	9.8	9.6
NJ	59	65	68	65	69	67	60	7	9.8	9.6	9.5	8.9	9.4	9.1
PA	121	126	127	121	124	120	109	11	10.7	10.9	10.8	10.1	10.4	10.1
E.N.C	348	368	377	361	365	362	324	37	9.6	9.7	9.4	8.8	8.8	8.7
OH	93	98	100	96	98	96	87	10	9.6	9.6	9.4	8.9	9.1	8.9
IN	45	48	49	47	47	47	44	3	9.7	9.8	9.3	8.7	8.6	8.6
IL	103	108	111	104	103	102	88	14	10.2	10.2	10.0	9.2	9.0	8.9
MI	68	74	76	75	75	76	66	10	8.7	9.0	8.6	8.2	8.1	8.2
WI	38	40	41	40	41	41	39	1	9.7	9.7	9.2	8.7	8.7	8.6
W.N.C	156	161	164	158	159	157	149	7	10.1	10.1	10.1	9.4	9.2	9.1
MN	32	33	34	33	33	33	32	(z)	9.3	9.2	8.9	8.3	8.2	8.0
IA	29	29	29	28	27	27	27	(z)	10.4	10.7	10.4	9.8	9.3	9.2
MO	48	50	52	49	50	49	44	5	11.2	11.2	11.1	10.2	10.1	9.9
ND	5	6	6	5	6	5	5	(z)	8.6	8.5	9.1	8.6	8.6	8.3
SD	7	7	7	6	7	6	6	(z)	9.7	9.3	9.9	9.5	9.5	9.3
NE	14	15	15	15	14	15	14	(z)	10.0	10.0	10.1	9.5	9.2	9.3
KS	21	22	22	22	22	22	21	1	9.7	9.7	9.7	9.6	9.3	9.1
S.A	236	262	290	301	330	336	267	68	9.1	9.1	9.5	8.8	8.9	8.9
DE	4	5	5	5	5	5	4	1	9.4	9.0	9.0	7.9	8.5	8.5
MD	28	31	33	32	34	34	27	7	9.0	8.8	8.4	7.7	8.1	8.0
DC	9	9	9	7	7	7	2	5	11.5	11.3	11.7	10.5	11.1	11.0
VA	34	37	39	40	43	42	33	9	8.7	8.3	8.4	7.8	8.0	7.8
WV	18	19	20	20	19	19	18	1	9.7	10.6	11.5	10.6	9.9	9.8
NC	38	42	45	46	48	49	37	12	8.4	8.5	8.8	8.3	8.2	8.3
SC	21	22	23	23	25	25	17	8	8.7	8.5	8.8	8.1	8.1	8.0
GA	35	38	42	41	44	45	32	13	9.0	8.8	9.1	8.2	8.1	8.1
FL	48	59	75	87	105	109	97	12	9.7	10.2	11.0	10.2	10.7	10.8
E.S.C	115	121	128	128	134	133	105	28	9.5	9.5	10.0	9.3	9.1	9.0
KY	30	31	33	33	34	33	31	3	9.9	9.8	10.3	9.6	9.2	9.1
TN	33	35	38	39	41	41	34	7	9.2	9.1	9.7	9.1	8.9	8.8
AL	30	33	34	34	36	35	26	10	9.3	9.4	9.8	9.1	9.1	9.0
MS	22	23	23	23	24	23	15	8	10.0	9.8	10.5	9.5	9.4	9.3
W.S.C	148	159	175	181	195	198	164	32	8.7	8.6	9.1	8.5	8.2	8.1
AR	18	19	21	22	23	22	19	4	10.0	9.8	10.7	10.1	9.9	9.8
LA	30	32	33	34	36	36	24	11	9.1	9.1	9.2	8.7	8.5	8.4
OK	23	24	27	27	28	29	26	2	9.8	9.6	10.5	9.8	9.3	9.2
TX	77	84	94	98	108	111	96	15	8.1	7.9	8.4	7.8	7.6	7.5
Mt	55	60	66	71	80	80	76	2	8.1	7.8	8.0	7.2	7.0	6.9
MT	7	7	7	7	7	7	6	(z)	9.7	9.3	9.5	8.7	8.5	8.5
ID	5	6	6	7	7	7	7	(z)	8.1	8.6	8.6	7.8	7.2	7.2
WY	3	3	3	3	3	3	3	(z)	8.5	8.3	8.8	8.1	6.9	6.5
CO	15	16	17	17	19	19	19	1	8.7	8.2	7.9	6.7	6.6	6.5
NM	7	7	7	8	9	9	8	(z)	6.9	6.6	7.3	6.9	7.0	6.5
AZ	10	12	15	17	21	21	20	1	7.8	7.5	8.4	7.4	7.9	7.7
UT	6	7	7	8	8	8	8	(z)	6.8	6.7	6.7	6.1	5.6	5.5
NV	3	3	4	4	6	6	5	(z)	8.9	7.3	7.9	7.2	7.4	7.0
Pac	184	204	221	227	247	246	221	15	8.7	8.3	8.3	7.9	7.8	7.6
WA	27	27	30	30	32	32	31	1	9.3	9.2	8.8	8.2	7.7	7.6
OR	17	18	20	20	22	22	21	(z)	9.5	9.6	9.3	8.7	8.3	8.2
CA	136	153	166	171	187	185	167	14	8.6	8.2	8.3	7.9	7.9	7.6
AK	1	1	1	2	2	2	1	(z)	5.8	5.3	4.8	4.1	4.3	4.1
HI	4	4	4	4	5	5	2	(z)	5.6	5.1	5.2	4.9	5.2	5.1

Z Fewer than 500. [1] Includes other races not shown separately. [2] Rate per 1,000 population. Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960, 1970, and 1980, and estimated as of July 1 for other years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 108. Infant, Maternal, and Neonatal Mortality Rates, and Fetal Mortality Ratios, by Race: 1940 to 1981

[**Deaths per 1,000 live births, except as noted.** Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of U.S. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 136-147]

ITEM	1940	1950	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Infant deaths [1]	**47.0**	**29.2**	**26.0**	**24.7**	**20.0**	**16.7**	**16.1**	**15.2**	**14.1**	**13.8**	**13.1**	**12.6**	**11.9**
White	43.2	26.8	22.9	21.5	17.8	14.8	14.2	13.3	12.3	12.0	11.4	11.0	10.5
Black and other	73.8	44.5	43.2	40.3	30.9	24.9	24.2	23.5	21.7	21.1	19.8	19.1	17.8
Black	72.9	43.9	44.3	41.7	32.6	26.8	26.2	25.5	23.6	23.1	21.8	21.4	20.0
Maternal deaths [2]	**376.0**	**83.3**	**37.1**	**31.6**	**21.5**	**14.6**	**12.8**	**12.3**	**11.2**	**9.6**	**9.6**	**9.2**	**8.5**
White	319.8	61.1	26.0	21.0	14.4	10.0	9.1	9.0	7.7	6.4	6.4	6.7	6.3
Black and other	773.5	221.6	97.9	83.7	55.9	35.1	29.0	26.5	26.0	23.0	22.7	19.8	17.3
Black	781.7	223.0	103.6	88.3	59.8	38.3	31.3	29.5	29.2	25.0	25.1	21.5	20.4
Fetal deaths [3]	(NA)	**19.2**	**16.1**	**16.2**	**14.2**	**11.5**	**10.7**	**10.5**	**9.9**	**9.7**	**9.4**	**9.2**	**9.0**
White	(NA)	17.1	14.1	13.9	12.4	10.2	9.5	9.3	8.7	8.5	8.4	8.2	8.0
Black and other	(NA)	32.5	26.8	27.2	22.6	17.0	16.0	15.2	14.6	14.7	13.8	13.4	12.8
Neonatal deaths [4]	**28.8**	**20.5**	**18.7**	**17.7**	**15.1**	**12.3**	**11.6**	**10.9**	**9.9**	**9.5**	**8.9**	**8.5**	**8.0**
White	27.2	19.4	17.2	16.1	13.8	11.1	10.4	9.7	8.7	8.4	7.9	7.5	7.1
Black and other	39.7	27.5	26.9	25.4	21.4	17.2	16.8	16.3	14.7	14.0	12.9	12.5	11.8
Black	39.9	27.8	27.8	26.5	22.8	18.7	18.3	17.9	16.1	15.5	14.3	14.1	13.4

NA Not available.
[1] Represents deaths of infants under 1 year old, exclusive of fetal deaths.
[2] Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1979 deaths are classified according to the ninth revision of the *International Classification of Diseases;* for the earlier years classified according to the revision in use at the time; see text, p. 55.
[3] Beginning 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, includes gestational age not stated. [4] Represents deaths of infants under 28 days old, exclusive of fetal deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

No. 109. Infant Mortality Rates—States: 1970 and 1981

[**Deaths per 1,000 live births, by place of residence.** Represents deaths of infants under 1 year old, exclusive of fetal deaths. Excludes deaths of nonresidents of the United States. See Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 143-147, for U.S. total by race]

DIVISION AND STATE	TOTAL [1]		WHITE		BLACK	
	1970	1981	1970	1981	1970	1981
U.S	**20.0**	**11.9**	**17.8**	**10.5**	**32.6**	**20.0**
N. Eng	**17.6**	**10.5**	**16.8**	**9.9**	**33.9**	**18.6**
ME	21.0	10.9	21.0	11.1	[2] 38.5	-
NH	18.0	9.7	18.0	9.8	[2] 28.6	[2] 8.9
VT	17.6	7.7	17.6	7.6	-	-
MA	16.8	9.7	16.0	9.3	36.0	16.0
RI	19.8	11.8	19.3	11.5	34.1	[2] 17.2
CT	17.1	12.1	15.5	10.6	32.3	22.4
Mid. Atl	**19.7**	**11.9**	**17.3**	**10.3**	**32.7**	**19.8**
NY	19.4	12.4	16.9	10.6	31.6	19.9
NJ	19.9	10.7	16.9	9.0	33.0	18.3
PA	20.2	11.9	18.2	10.7	35.2	21.1
E. No. Cent	**19.8**	**12.6**	**17.8**	**10.8**	**32.0**	**23.2**
OH	18.7	12.3	17.2	10.8	29.7	22.1
IN	19.4	11.7	18.5	10.8	28.6	19.6
IL	21.5	13.9	18.3	11.2	34.8	24.4
MI	20.5	13.1	18.6	10.9	31.0	24.9
WI	16.8	10.4	16.0	9.8	32.1	17.5
W. No. Cent	**18.4**	**11.1**	**17.3**	**10.4**	**33.3**	**19.7**
MN	17.4	10.3	17.3	9.9	20.7	25.9
IA	18.7	10.0	18.3	9.8	35.9	18.8
MO	19.5	12.6	17.0	11.7	34.5	18.7
ND	14.3	11.2	14.3	10.7	-	[2] 8.8
SD	19.1	11.5	16.7	10.2	[2] 83.3	[2] 20.6
NE	19.4	9.9	18.5	9.5	36.6	19.1
KS	17.6	11.4	16.7	10.6	30.8	20.9
So. Atl	**22.1**	**13.6**	**18.0**	**10.8**	**33.1**	**20.6**
DE	19.6	13.4	16.3	10.0	31.5	24.4
MD	19.4	12.6	16.4	10.4	30.0	18.2
DC	29.1	25.1	26.3	17.5	30.0	26.7
So. Atl.—Con.						
VA	20.6	12.5	17.0	10.7	34.1	18.8
WV	23.0	13.0	22.8	12.7	30.1	24.5
NC	24.3	13.1	19.3	10.7	36.7	19.1
SC	22.9	16.1	18.2	12.4	31.3	21.8
GA	22.1	13.8	17.2	10.3	33.2	19.9
FL	21.5	13.3	17.8	10.4	33.7	22.0
E. So. Cent	**23.1**	**13.2**	**18.7**	**10.7**	**35.6**	**19.7**
KY	19.6	12.2	18.8	11.8	28.6	17.1
TN	21.3	12.6	18.8	10.2	30.7	21.2
AL	24.3	13.0	18.6	10.2	36.4	18.2
MS	28.5	15.4	18.7	10.5	39.6	20.6
W. So. Cent	**22.0**	**12.1**	**19.6**	**10.7**	**32.4**	**18.6**
AR	21.6	11.9	18.3	9.8	31.3	18.3
LA	24.5	13.7	19.8	10.2	32.3	19.9
OK	21.3	11.9	20.3	11.5	34.5	18.4
TX	21.4	11.6	19.6	10.7	32.5	17.8
Mt	**18.9**	**10.4**	**18.1**	**10.1**	**30.2**	**17.7**
MT	21.5	10.7	21.2	10.1	[2] 20.8	[2] 45.5
ID	17.1	9.2	17.3	9.4	-	[2] 11.0
WY	20.0	10.6	19.6	10.8	[2] 76.9	[2] 9.4
CO	19.9	10.0	19.7	10.1	24.5	11.4
NM	21.0	9.8	19.5	9.7	42.3	[2] 15.9
AZ	17.7	11.8	16.0	11.0	25.0	21.1
UT	14.9	9.8	14.9	9.7	[2] 10.3	[2] 24.6
NV	24.0	11.2	22.2	10.4	45.2	22.8
Pac	**17.4**	**10.3**	**16.7**	**10.1**	**27.4**	**15.6**
WA	18.7	10.5	18.1	10.2	33.8	15.5
OR	15.9	10.9	16.0	10.8	[2] 20.1	[2] 19.5
CA	17.2	10.2	16.5	9.9	27.1	15.5
AK	22.6	12.7	20.3	11.1	[2] 48.5	[2] 24.1
HI	18.6	9.8	17.8	9.6	[2] 17.5	[2] 9.4

- Represents zero. [1] Includes other races, not shown separately. [2] Based on a frequency of less than 20 deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

NO. 110. DEATH RATES, 1960 TO 1981, AND DEATHS, 1970 TO 1981, FROM SELECTED CAUSES

[Beginning 1970, excludes deaths of nonresidents of the U.S. For explanation of age-adjustment, see text, p. 55. The standard population for this table is the total population of the United States enumerated in 1940. Beginning 1979, deaths classified according to ninth revision of *International Classification of Diseases;* for earlier years, classified according to revision in use at that time. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B149–166]

CAUSE OF DEATH	CRUDE DEATH RATE PER 100,000 POPULATION [1]					AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION [1]			DEATHS (1,000)		
	1960	1970	1975	1980	1981	1970	1980	1981	1970	1980	1981
All causes	**954.7**	**945.3**	**878.5**	**878.3**	**862.4**	**714.3**	**585.8**	**568.2**	**1,921.0**	**1,989.8**	**1,978.0**
Major cardiovascular diseases	515.1	496.0	450.7	436.4	424.2	340.1	256.0	245.6	1,008.0	988.5	973.0
Diseases of heart	369.0	362.0	332.4	336.0	328.7	253.6	202.0	195.0	735.5	761.1	753.9
Percent of total	38.7	38.3	37.8	38.3	38.1	35.5	34.5	34.3	38.3	38.2	38.1
Rheumatic fever and rheumatic heart disease	10.3	7.3	6.0	3.5	3.2	6.3	2.6	2.3	14.9	7.8	7.4
Hypertensive heart disease [2]	37.0	7.4	5.1	10.9	10.6	4.9	6.8	6.5	15.0	24.8	24.1
Ischemic heart disease	296.9	328.1	298.3	249.7	242.1	228.1	149.8	143.4	666.7	565.8	555.2
Other diseases of endocardium	24.9	3.3	2.0	3.2	3.2	2.3	2.0	2.0	6.7	7.2	7.3
All other forms of heart disease		15.9	20.9	68.7	69.7	12.0	40.8	40.8	32.3	155.5	159.9
Hypertension [2]	7.1	4.1	2.9	3.5	3.3	2.9	2.0	1.9	8.3	7.8	7.6
Cerebrovascular diseases	108.0	101.9	90.1	75.1	71.3	66.3	40.8	38.1	207.2	170.2	163.5
Atherosclerosis	20.0	15.6	13.4	13.0	12.2	8.4	5.7	5.2	31.7	29.4	28.0
Other	11.0	12.5	11.9	8.8	8.7	8.8	5.5	5.3	25.3	20.0	20.0
Malignancies [3]	149.2	162.8	169.7	183.9	184.0	129.9	132.8	131.6	330.7	416.5	422.1
Percent of total	15.6	17.2	19.3	20.9	21.3	18.2	22.7	23.2	17.2	20.9	21.3
Of digestive organs and peritoneum	50.8	46.6	46.2	48.8	48.5	35.2	33.0	32.5	94.7	110.6	111.3
Of respiratory and intrathoracic organs	22.2	34.2	40.2	47.9	48.5	28.4	36.4	36.6	69.5	108.5	111.3
Of breast	13.4	14.7	15.1	15.8	16.0	12.6	12.5	12.5	29.9	35.9	36.7
Of genital organs	21.6	20.3	20.0	20.5	20.4	15.6	13.6	13.3	41.2	46.4	46.7
Accidents and adverse effects	52.3	56.4	47.8	46.7	43.9	53.7	42.3	39.8	114.6	105.7	100.7
Motor vehicle	21.3	26.9	21.3	23.5	22.4	27.4	22.9	21.8	54.6	53.2	51.4
Falls	10.6	8.3	6.9	5.9	5.5	5.7	3.6	3.3	16.9	13.3	12.6
Drowning	2.9	3.1	3.1	2.7	2.3	3.1	2.7	2.3	6.4	6.0	5.2
All other	17.5	18.1	16.5	14.7	13.7	17.5	13.2	12.4	36.7	33.2	31.5
Chronic obstructive pulmonary diseases and allied conditions [4]	9.9	15.2	11.8	24.7	25.7	11.6	15.9	16.3	30.9	56.1	58.8
Bronchitis, chronic and unspecified	1.8	2.9	2.2	1.6	1.6	2.1	1.0	1.0	5.8	3.7	3.7
Emphysema	5.2	11.2	8.7	6.1	5.8	8.4	4.0	3.8	22.7	13.9	13.4
Asthma	3.0	1.1	.9	1.3	1.3	1.0	1.0	1.0	2.3	2.9	3.1
Other	[5]	[5]	[5]	15.7	16.9	[5]	9.9	10.5	[5]	35.6	38.7
Pneumonia and influenza	[6] 37.3	30.9	25.8	24.1	23.4	22.1	12.9	12.3	62.7	54.6	53.7
Pneumonia	[6] 32.9	29.0	23.8	22.9	22.1	20.8	12.4	11.6	59.0	51.9	50.7
Influenza	4.4	1.8	2.0	1.2	1.3	1.3	.5	.6	3.7	2.7	3.0
Diabetes mellitus	16.7	18.9	16.4	15.4	15.1	14.1	10.1	9.8	38.3	34.9	34.6
Chronic liver disease and cirrhosis	11.3	15.5	14.7	13.5	12.8	14.7	12.2	11.4	31.4	30.6	29.3
Suicide	10.6	11.6	12.6	11.9	12.0	11.8	11.4	11.5	23.5	26.9	27.6
Homicide and legal intervention	4.7	8.3	9.9	10.7	10.3	9.1	10.8	10.4	16.8	24.3	23.7
Certain conditions originating in the perinatal period	37.4	21.3	12.4	10.1	9.4	(x)	(x)	(x)	43.2	22.9	21.6
Nephritis, nephrotic syndrome, and nephrosis	7.6	4.4	3.7	7.4	7.5	3.5	4.5	4.5	8.9	16.8	17.3
Congenital anomalies	12.2	8.3	6.1	6.2	5.9	(x)	(x)	(x)	16.8	13.9	13.5
Septicemia	1.1	1.7	2.6	4.2	4.6	1.4	2.6	2.9	3.5	9.4	10.4
Ulcer of stomach and duodenum	6.3	4.2	3.1	2.7	2.8	3.2	1.7	1.7	8.6	6.1	6.5
Benign neoplasms [7]	2.7	2.4	2.3	2.7	2.7	2.0	2.0	1.9	4.8	6.2	6.2
Hernia of abdominal cavity and intestinal obstruction [8]	5.1	3.6	2.9	2.4	2.3	2.6	1.4	1.3	7.2	5.4	5.3
Other infective and parasitic diseases	4.3	3.4	3.0	2.2	2.3	2.8	1.8	1.8	6.9	5.1	5.3
Anemias	1.9	1.7	1.5	1.4	1.4	1.3	.9	.9	3.4	3.2	3.3
Cholelithiasis and other disorders of gallbladder	2.6	2.0	1.4	1.5	1.3	1.3	.8	.7	4.0	3.3	3.1
Infections of kidney	4.3	4.0	2.1	1.2	1.0	2.8	.7	.5	8.2	2.7	2.3
Nutritional deficiencies	[5]	1.2	1.2	1.0	1.0	.8	.5	.5	2.5	2.4	2.3
Tuberculosis	6.1	2.6	1.5	.9	.8	2.2	.6	.6	5.2	2.0	1.9
Meningitis	1.3	.8	.8	.6	.6	.8	.6	.5	1.7	1.4	1.4
Hyperplasia of prostate	2.5	1.1	.6	.3	.3	.6	.2	.1	2.2	.8	.7
Acute bronchitis and bronchiolitis	.7	.6	3	.3	.2	.5	.2	.2	1.3	.6	.6
Viral hepatitis	.5	.5	.3	.4	.4	.5	.3	.3	1.0	.8	.9
Symptoms, signs, and ill-defined conditions	11.4	12.7	14.7	12.7	12.9	10.4	9.8	9.8	25.8	28.8	29.5
All other causes	39.7	53.5	58.6	53.0	53.3	44.0	36.8	36.3	108.8	120.0	122.3

X Not applicable.

[1] Based on resident population enumerated as of Apr. 1 for 1960, 1970, and 1980 and estimated as of July 1 for other years. [2] With or without renal disease. [3] Includes other types of malignancies not shown separately. [4] Prior to 1980, data are shown for bronchitis, emphysema, and asthma. [5] Included in "all other causes." Comparable data not available separately. [6] Excludes pneumonia of newborn. [7] Includes neoplasms of unspecified nature; for 1980 and 1981 also includes carcinoma in situ. [8] Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 111. Death Rates by Selected Causes and Selected Characteristics: 1960 to 1981

[See headnote, table 110]

Year and characteristic	Total [1]	Diseases of heart	Malignant neoplasms	Accidents and adverse effects	Cerebrovascular diseases	Pneumonia, flu	Suicide	Chronic liver disease, cirrhosis	Diabetes mellitus	Atherosclerosis
ALL RACES [2]										
Both sexes:										
1960, age-adjusted	760.9	286.2	125.8	49.9	79.7	28.0	10.6	10.5	13.6	13.2
1970, age-adjusted	714.3	253.6	129.9	53.7	66.3	22.1	11.8	14.7	14.1	8.4
1980, age-adjusted	585.8	202.0	132.8	42.3	40.8	12.9	11.4	12.2	10.1	5.7
1981, age-adjusted [3]	568.2	195.0	131.6	39.8	38.1	12.3	11.5	11.4	9.8	5.2
15–24 years old	107.1	2.6	5.7	56.0	.9	.8	12.3	.2	.4	-
25–34 years old	132.1	8.4	13.0	45.1	2.6	1.5	16.3	3.1	1.4	-
35–44 years old	221.3	43.2	47.2	35.7	8.4	3.3	15.9	12.2	3.5	.2
45–54 years old	573.5	177.7	178.1	37.7	24.9	7.4	16.1	28.3	9.6	1.0
55–64 years old	1,322.1	481.5	434.8	40.4	62.9	18.4	16.4	39.3	25.6	4.5
65–74 years old	2,922.3	1,175.8	814.8	54.3	206.3	52.5	16.2	42.4	61.9	21.4
75–84 years old	6,429.9	2,850.3	1,221.8	108.2	715.6	209.3	18.6	31.0	127.7	112.1
85 years old and over	15,379.7	7,458.8	1,575.3	273.3	2,126.8	845.8	17.7	20.7	217.2	608.7
Male: 1960, age-adjusted	949.3	375.5	143.0	73.9	85.4	35.0	16.6	14.5	12.0	14.8
1970, age-adjusted	931.6	348.5	157.4	80.7	73.2	28.8	17.3	20.2	13.5	9.5
1980, age-adjusted	777.2	280.4	165.5	64.0	44.9	17.4	18.0	17.1	10.2	6.6
1981, age-adjusted [3]	753.3	271.2	163.7	60.2	41.7	16.6	18.0	16.0	10.0	6.0
15–24 years old	158.3	3.2	6.8	87.2	.9	.9	19.7	.3	.3	-
25–34 years old	190.6	11.5	12.7	73.2	2.7	1.7	25.5	4.2	1.6	-
35–44 years old	291.9	66.6	43.0	56.0	8.6	4.2	23.2	17.0	4.0	.3
45–54 years old	751.7	277.7	187.3	58.0	26.5	9.6	22.5	39.0	10.7	1.3
55–64 years old	1,774.7	725.6	518.1	61.0	71.6	25.7	25.0	55.3	26.4	6.2
65–74 years old	3,994.6	1,668.9	1,086.4	78.4	242.1	74.5	28.4	61.6	60.9	27.9
75–84 years old	8,519.6	3,689.2	1,760.0	150.1	785.1	295.9	41.4	46.4	125.4	132.0
85 years old and over	18,138.2	8,379.6	2,350.9	364.5	2,022.3	1,092.1	50.2	33.8	210.9	611.3
Female: 1960, age-adjusted	590.6	205.7	111.2	26.8	74.7	21.8	5.0	6.9	15.0	11.8
1970, age-adjusted	532.5	175.2	108.8	28.2	60.8	16.7	6.8	9.8	14.4	7.5
1980, age-adjusted	432.6	140.3	109.2	21.8	37.6	9.8	5.4	7.9	10.0	5.0
1981, age-adjusted [3]	420.4	135.1	108.6	20.4	35.4	9.2	5.7	7.4	9.6	4.6
15–24 years old	54.8	2.0	4.5	24.1	.9	.6	4.6	.2	.4	-
25–34 years old	74.3	5.3	13.4	17.3	2.6	1.2	7.4	1.9	1.2	-
35–44 years old	153.2	20.7	51.3	16.1	8.3	2.3	8.9	7.6	3.0	.1
45–54 years old	406.9	84.1	169.6	18.6	23.3	5.4	10.1	18.4	8.6	.7
55–64 years old	925.2	267.4	361.7	22.2	55.3	12.0	8.8	25.3	24.9	3.1
65–74 years old	2,100.6	798.0	606.6	35.9	178.8	35.7	6.8	27.7	62.7	16.3
75–84 years old	5,201.0	2,357.0	905.2	83.6	674.8	158.4	5.2	21.9	129.0	100.5
85 years old and over	14,202.5	7,065.9	1,244.2	234.4	2,171.4	740.7	3.8	15.2	219.9	607.5
WHITE										
Both sexes:										
1960, age-adjusted	727.0	281.5	124.2	47.6	74.2	24.6	11.1	10.3	12.8	13.1
1970, age-adjusted	679.6	249.1	127.8	51.0	61.8	19.8	12.4	13.4	12.9	8.4
1980, age-adjusted	559.4	197.6	129.6	41.5	38.0	12.2	12.1	11.0	9.1	5.6
1981, age-adjusted	544.6	191.1	128.5	39.3	35.6	11.6	12.2	10.5	8.8	5.2
Male: 1960, age-adjusted	917.7	375.4	141.6	70.6	80.3	31.0	17.5	14.4	11.6	14.7
1970, age-adjusted	893.4	347.6	154.3	76.2	68.8	26.0	18.2	18.8	12.7	9.6
1980, age-adjusted	745.3	277.5	160.5	62.3	41.9	16.2	18.9	15.7	9.5	6.5
1981, age-adjusted	724.4	268.8	158.3	59.1	38.9	15.6	18.9	14.8	9.3	6.0
Female: 1960, age-adjusted	555.0	197.1	109.5	25.4	68.7	19.0	5.3	6.6	13.7	11.7
1970, age-adjusted	501.7	167.8	107.6	27.2	56.2	15.0	7.2	8.7	12.8	7.5
1980, age-adjusted	411.1	134.6	107.7	21.4	35.2	9.4	5.7	7.0	8.7	5.0
1981, age-adjusted	401.4	129.8	107.2	20.2	33.1	9.0	6.0	6.7	8.4	4.5
BLACK										
Both sexes:										
1960, age-adjusted	1,073.3	334.5	142.3	66.4	140.2	56.4	4.7	11.7	22.0	14.2
1970, age-adjusted	1,044.0	307.6	156.7	74.4	114.5	40.4	6.1	24.8	26.5	8.8
1980, age-adjusted	842.5	255.7	172.1	51.2	68.5	19.2	6.4	21.6	20.3	6.4
1981, age-adjusted	803.9	245.4	171.3	45.8	64.4	17.7	6.4	19.2	19.5	5.7
Male: 1960, age-adjusted	1,246.1	381.2	158.5	100.0	141.2	70.2	7.8	14.8	16.2	15.9
1970, age-adjusted	1,318.6	375.9	198.0	119.5	122.5	53.8	9.9	33.1	21.2	9.8
1980, age-adjusted	1,112.8	327.3	229.9	82.0	77.5	28.0	11.1	30.6	17.7	7.5
1981, age-adjusted	1,067.7	316.7	232.0	74.7	72.7	26.4	11.0	27.3	16.8	6.4
Female: 1960, age-adjusted	916.9	292.6	127.8	35.9	139.5	43.9	1.9	8.9	27.3	12.6
1970, age-adjusted	814.4	251.7	123.5	35.3	107.9	29.2	2.9	17.8	30.9	8.0
1980, age-adjusted	631.1	201.1	129.7	25.1	61.7	12.7	2.4	14.4	22.1	5.6
1981, age-adjusted	599.1	191.2	127.1	21.6	58.1	11.3	2.5	12.7	21.3	5.1

- Represents zero. [1] Includes other causes, not shown separately. [2] Includes other races, not shown separately.
[3] Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 112. DEATH RATES, BY CAUSE—STATES: 1981

[**Deaths per 100,000 resident population estimated as of July 1.** By place of residence. Excludes nonresidents of U.S. Causes of death classified according to ninth revision of *International Classification of Diseases*]

REGION, DIVISION, AND STATE	Diseases of heart	Malignant neoplasms	Cerebrovascular diseases	Accidents and adverse effects	Chronic obstructive pulmonary diseases [1]	Pneumonia, flu	Diabetes mellitus	Chronic liver disease and cirrhosis	Atherosclerosis	Suicide	Conditions originating in the perinatal period
U.S	**328.7**	**184.0**	**71.3**	**43.9**	**25.7**	**23.4**	**15.1**	**12.8**	**12.2**	**12.0**	**9.4**
Regions:											
Northeast	392.0	212.0	68.3	34.9	24.8	26.4	18.1	15.5	11.4	9.5	8.3
Midwest	346.0	186.5	74.2	40.1	25.4	24.5	16.2	11.2	14.7	11.2	9.8
South	317.0	178.7	77.1	51.0	25.3	21.6	14.7	11.3	11.4	12.5	10.7
West	255.3	158.7	60.5	46.9	27.4	21.9	11.1	14.5	11.2	15.2	8.1
New England	**352.5**	**206.9**	**68.2**	**35.4**	**26.7**	**28.8**	**15.4**	**13.2**	**13.3**	**10.3**	**7.0**
Maine	359.6	204.6	71.8	40.8	33.8	25.6	11.8	14.0	17.7	13.9	5.8
New Hampshire	303.2	194.3	64.6	37.0	26.9	23.6	18.1	11.2	16.2	13.6	5.7
Vermont	321.7	185.6	61.0	38.6	33.4	26.0	11.7	13.6	11.5	16.5	5.2
Massachusetts	365.9	212.9	70.1	35.2	26.0	33.5	16.2	13.0	12.2	8.9	6.4
Rhode Island	401.2	222.7	65.0	30.7	28.0	24.7	19.1	13.8	12.1	10.9	8.3
Connecticut	330.2	199.1	66.6	34.3	23.9	24.3	13.9	13.4	13.5	9.5	8.9
Middle Atlantic	**405.3**	**213.8**	**68.3**	**34.7**	**24.2**	**25.6**	**18.9**	**16.3**	**10.7**	**9.2**	**8.7**
New York	412.0	210.1	63.9	32.8	23.0	29.3	17.5	18.9	10.0	8.8	9.0
New Jersey	378.2	212.2	67.5	35.2	23.1	21.6	19.0	15.4	8.2	7.1	7.5
Pennsylvania	412.4	220.2	75.4	37.2	26.7	22.7	21.0	12.9	13.4	11.0	8.8
East North Central	**346.8**	**186.1**	**70.9**	**37.2**	**24.7**	**22.0**	**16.9**	**12.1**	**13.8**	**11.2**	**10.4**
Ohio	355.1	193.7	72.2	34.9	26.6	20.9	18.7	11.3	13.4	12.2	10.0
Indiana	327.3	183.4	80.3	42.6	27.8	20.9	18.8	9.8	19.2	11.0	8.8
Illinois	364.8	189.1	67.9	37.1	23.5	25.0	15.5	13.5	11.8	9.4	12.1
Michigan	327.5	175.3	66.5	36.8	24.0	18.6	16.1	13.6	13.8	11.7	11.1
Wisconsin	344.5	186.0	72.6	37.2	21.0	25.4	15.6	10.3	13.7	12.4	8.0
West North Central	**344.0**	**187.4**	**82.3**	**47.0**	**27.3**	**30.3**	**14.5**	**8.9**	**16.7**	**11.1**	**8.4**
Minnesota	294.5	169.0	75.8	42.6	20.6	26.5	11.7	9.2	14.4	10.7	7.6
Iowa	363.2	195.3	90.1	44.1	28.5	34.6	16.1	7.7	19.2	10.4	7.0
Missouri	370.3	205.8	84.9	47.4	29.7	31.2	15.3	9.5	15.2	11.9	8.9
North Dakota	315.6	163.3	75.6	52.7	19.7	30.5	14.8	8.8	16.7	9.2	8.6
South Dakota	369.0	181.0	80.6	52.0	28.8	34.2	11.2	10.3	17.0	12.3	12.0
Nebraska	358.0	188.2	85.4	49.3	27.4	31.7	14.8	8.1	22.0	10.1	7.7
Kansas	342.8	179.7	79.0	52.6	33.6	27.6	16.4	8.8	17.3	11.5	9.9
South Atlantic	**331.3**	**189.4**	**77.1**	**48.1**	**26.6**	**22.0**	**14.5**	**12.9**	**10.7**	**13.0**	**10.6**
Delaware	334.0	208.0	53.9	34.0	22.9	18.4	21.4	10.4	9.9	12.6	12.9
Maryland	300.6	189.1	52.4	35.8	21.4	16.6	15.0	10.3	8.7	10.3	10.4
District of Columbia	348.3	254.2	65.6	38.2	21.6	25.4	17.5	39.0	25.6	7.1	23.7
Virginia	284.9	167.6	70.4	41.9	22.9	23.1	11.9	10.3	10.0	13.1	10.2
West Virginia	409.0	191.3	75.2	48.9	38.1	24.4	18.3	12.3	12.3	12.1	9.1
North Carolina	306.7	166.3	79.3	50.5	21.8	23.8	13.4	10.9	9.8	12.7	9.8
South Carolina	288.8	154.8	75.3	53.6	20.9	20.4	15.8	9.8	8.5	11.0	14.3
Georgia	289.6	154.6	79.8	52.4	22.0	21.8	13.0	10.5	7.9	12.7	11.1
Florida	403.3	239.3	91.4	52.4	36.2	22.7	15.7	17.6	13.6	15.6	9.3
East South Central	**327.4**	**181.6**	**86.3**	**52.6**	**27.1**	**23.7**	**15.4**	**9.3**	**11.7**	**11.2**	**10.4**
Kentucky	349.7	189.3	82.3	49.6	31.4	27.4	17.2	9.9	12.8	12.0	9.3
Tennessee	323.2	180.4	88.0	47.7	27.9	25.2	13.3	8.7	13.4	12.3	9.7
Alabama	307.6	183.1	87.9	55.0	25.6	19.9	16.0	10.1	9.8	10.0	9.6
Mississippi	333.3	170.0	86.8	61.9	21.6	21.1	15.4	8.5	10.2	9.6	14.2
West South Central	**288.8**	**160.5**	**71.6**	**54.4**	**22.3**	**19.8**	**14.5**	**9.9**	**12.3**	**12.5**	**10.9**
Arkansas	362.3	200.3	98.8	47.2	27.3	24.5	16.1	9.8	15.2	11.4	6.9
Louisiana	304.8	167.5	73.0	57.8	20.8	16.9	19.1	10.4	16.6	11.3	13.6
Oklahoma	342.5	183.2	83.9	60.3	25.8	27.9	15.7	12.2	13.5	15.2	9.5
Texas	261.4	147.4	64.4	53.2	21.5	18.3	12.6	9.3	10.3	12.5	11.0
Mountain	**226.4**	**136.3**	**48.5**	**54.8**	**30.0**	**19.8**	**11.0**	**10.9**	**9.9**	**17.1**	**8.7**
Montana	288.3	169.1	69.4	70.2	37.0	22.9	12.1	14.0	18.5	17.1	9.4
Idaho	248.7	140.4	64.2	60.2	27.1	23.4	12.7	6.2	12.6	15.4	5.8
Wyoming	208.2	118.8	44.5	82.7	27.8	14.5	10.2	9.2	7.3	17.1	12.7
Colorado	221.7	125.0	46.1	47.6	30.7	22.5	9.4	8.9	11.9	18.0	7.7
New Mexico	158.0	123.3	40.1	56.7	27.2	18.4	12.8	13.6	6.8	17.9	7.8
Arizona	259.9	163.9	48.7	55.6	36.3	22.1	12.1	12.9	9.4	16.4	9.0
Utah	196.3	93.8	42.0	43.4	17.6	13.4	10.2	6.7	6.1	13.0	11.7
Nevada	221.2	156.6	46.1	58.3	31.3	13.2	8.5	18.6	6.7	24.6	7.6
Pacific	**265.8**	**166.8**	**64.9**	**44.0**	**26.5**	**22.6**	**11.1**	**15.8**	**11.7**	**14.5**	**7.8**
Washington	267.3	166.1	67.1	44.7	30.6	21.2	13.2	11.4	13.0	15.0	7.2
Oregon	288.2	178.6	74.1	49.3	31.7	23.2	11.3	13.3	18.0	14.8	7.9
California	270.3	169.0	65.4	43.0	26.0	23.3	10.8	17.3	11.3	14.7	7.8
Alaska	89.2	70.2	17.8	90.1	8.2	8.4	4.8	9.6	3.4	14.7	15.4
Hawaii	162.0	123.7	38.0	32.4	13.6	14.9	12.4	6.9	3.1	8.7	8.8

[1] Includes allied conditions.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 113. Death Rates From Heart Disease, by Sex, Age, and Selected Type: 1960 to 1981

[**Deaths per 100,000 population in specified age groups.** Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 55. Beginning 1970, excludes deaths of nonresidents of the United States. See Appendix III]

Age at death and selected type of heart disease	Male					Female				
	1960	1970	1975	1980	1981	1960	1970	1975	1980	1981
Total U.S. rate [1]	**439.5**	**422.5**	**380.9**	**368.6**	**359.4**	**300.6**	**304.5**	**286.4**	**305.1**	**299.7**
25–44 years	67.6	57.3	41.8	34.6	33.7	25.2	19.5	13.8	11.9	11.6
45–54 years	420.4	376.4	327.8	282.6	277.7	127.5	109.9	91.1	84.5	84.1
55–64 years	1,066.9	987.2	853.5	746.8	725.6	429.4	351.6	294.4	272.1	267.4
65 years old and over	3,314.7	3,258.0	2,904.9	2,778.6	2,683.3	2,415.6	2,268.2	2,005.9	2,027.5	1,958.4
Persons 45–54 years old:										
Ischemic heart	347.1	338.0	293.3	217.3	210.0	72.4	84.0	70.7	52.2	52.1
Rheumatic heart	19.9	11.4	7.3	3.1	2.6	19.5	10.6	6.1	4.3	3.6
Hypertensive heart [2]	23.9	4.6	2.9	8.3	9.2	21.5	4.0	2.1	5.4	5.4
Persons 55–64 years old:										
Ischemic heart	885.2	904.6	773.0	581.1	559.8	295.6	299.1	248.2	189.0	184.6
Rheumatic heart	29.0	21.5	16.1	6.2	5.6	28.4	20.8	15.0	9.2	8.2
Hypertensive heart [2]	71.2	11.7	8.1	21.8	21.0	63.9	9.1	5.9	13.3	13.3
Persons 65 years old and over:										
Ischemic heart	2,586.4	3,022.5	2,658.6	2,140.5	2,047.4	1,691.2	2,071.5	1,813.5	1,477.9	1,413.8
Rheumatic heart	32.9	32.9	30.2	13.7	13.1	34.8	32.3	31.3	21.5	20.5
Hypertensive heart [2]	268.5	54.9	35.9	66.2	63.8	321.2	60.0	40.5	78.8	72.5

[1] Includes persons under 25 years old, not shown separately. [2] With or without renal disease.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 114. Death Rates From Cancer, by Sex, Age, and Selected Type: 1950 to 1981

[**Deaths per 100,000 population in the specified age groups.** See headnote, table 113]

Age at death and selected type of cancer	Male						Female					
	1950	1960	1970	1975	1980	1981	1950	1960	1970	1975	1980	1981
Total U.S. rate [1]	**142.9**	**162.5**	**182.1**	**190.2**	**205.3**	**204.5**	**136.8**	**136.4**	**144.4**	**150.3**	**163.6**	**164.7**
25–44 years	31.0	34.2	33.9	28.4	25.8	24.9	49.1	45.8	40.3	33.1	30.1	28.9
45–54 years	156.2	170.8	183.5	188.1	188.7	187.3	194.0	183.0	181.5	176.2	171.8	169.6
55–64 years	413.1	459.9	511.8	508.3	520.8	518.1	368.2	337.7	343.2	351.0	361.7	361.7
65 years old and over	968.9	1,066.2	1,221.2	1,286.6	1,371.6	1,359.7	755.7	709.1	708.3	714.2	767.8	769.6
Persons, 45–54 years old:												
Respiratory, intrathoracic	39.3	54.7	72.1	78.5	79.8	80.4	6.7	10.1	22.2	28.0	34.8	34.4
Digestive organs, peritoneum	59.9	53.2	45.9	45.0	44.3	43.6	47.0	38.9	32.5	29.6	27.8	27.8
Breast	.4	.2	.4	.2	.2	.2	46.9	51.4	52.6	50.2	48.1	48.1
Genital organs	4.8	4.0	3.4	3.3	3.4	3.5	59.0	44.8	34.4	29.8	24.1	23.0
Lymphatic and hematopoietic tissues, excl. leukemia	9.7	11.6	12.8	11.1	10.2	10.0	5.7	7.1	8.3	7.4	6.6	6.2
Urinary organs	8.7	8.3	8.0	8.1	7.4	7.6	3.8	3.5	3.5	3.3	3.3	3.0
Lip, oral cavity, and pharynx	6.3	7.9	7.9	8.2	8.2	7.8	1.8	2.8	2.8	3.0	2.6	2.4
Leukemia	6.5	7.2	6.6	5.9	6.4	5.7	5.1	5.3	4.9	4.4	4.4	4.5
Persons, 55–64 years old:												
Respiratory, intrathoracic	94.2	150.2	202.3	212.5	223.8	222.9	15.4	17.0	38.9	57.2	74.5	78.4
Digestive organs, peritoneum	174.8	153.7	139.0	128.5	129.3	129.3	125.1	102.2	86.0	81.9	79.1	76.5
Breast	.8	1.0	.6	.8	.7	.6	69.9	70.8	77.6	77.7	80.5	79.1
Genital organs	26.2	23.5	22.8	23.1	23.5	23.3	87.4	73.0	58.2	52.0	46.8	47.0
Lymphatic and hematopoietic tissues, excl. leukemia	18.2	23.1	27.1	26.5	24.4	23.5	11.5	15.7	17.7	17.1	16.8	16.7
Urinary organs	26.9	25.9	26.4	24.6	22.9	22.8	11.2	9.3	9.4	8.8	8.9	8.2
Lip, oral cavity, and pharynx	16.2	16.3	20.1	18.7	17.9	17.5	3.3	3.8	6.2	6.6	6.0	6.4
Leukemia	14.1	16.1	15.4	14.8	14.7	14.8	10.1	10.6	9.0	8.5	9.3	8.5
Persons, 65 years old and over:												
Respiratory, intrathoracic	112.5	208.4	336.5	390.4	444.6	444.8	30.9	30.4	49.9	67.9	102.5	106.0
Digestive organs, peritoneum	449.4	412.0	374.0	366.1	371.1	366.0	346.7	301.0	262.0	248.1	256.1	251.6
Breast	2.2	1.4	1.9	1.8	1.4	1.6	112.7	107.9	109.7	111.8	116.1	118.7
Genital organs	166.5	169.4	181.6	186.8	198.8	197.6	119.2	106.1	93.5	86.9	85.0	82.8
Lymphatic and hematopoietic tissues, excl. leukemia	23.5	39.6	57.7	60.0	59.9	58.8	16.8	26.5	39.9	42.0	44.8	45.2
Urinary organs	63.3	71.5	80.5	80.7	80.3	77.8	32.0	31.3	30.9	29.6	29.8	30.6
Lip, oral cavity, and pharynx	38.4	31.9	30.9	30.0	28.1	27.9	9.2	8.6	9.1	9.4	10.2	9.9
Leukemia	30.4	41.6	47.9	49.4	50.8	50.1	18.2	25.6	28.4	27.0	29.3	28.7

[1] Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

NO. 115. DEATH RATES FROM ACCIDENTS AND VIOLENCE: 1960 TO 1981

[**Deaths per 100,000 population.** Beginning 1970, excludes deaths of nonresidents of the U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 55 and Appendix III]

SEX, CAUSE OF DEATH, AND AGE	WHITE					BLACK				
	1960	1970	1975	1980	1981	1960	1970	1975	1980	1981
Male, total [1]	**91.3**	**101.9**	**95.8**	**97.1**	**93.4**	**137.1**	**183.2**	**163.2**	**154.0**	**145.2**
Motor vehicle accidents	31.5	39.1	31.8	35.9	34.5	33.2	44.3	32.4	31.1	28.8
All other accidents	38.6	38.2	35.1	30.4	28.6	60.8	63.3	51.8	46.0	41.4
Suicide	17.6	18.0	19.9	19.9	20.0	6.4	8.0	9.9	10.3	10.2
Homicide	3.6	6.8	9.0	10.9	10.4	36.7	67.6	69.0	66.6	64.8
15–24 years	105.2	130.7	127.8	138.6	128.0	144.2	234.3	179.7	162.0	146.6
25–44 years	88.5	107.1	102.3	108.4	106.4	205.6	301.1	273.5	241.9	229.3
45–64 years	118.6	121.4	103.7	91.6	90.2	188.4	249.7	217.6	198.8	187.5
65 years and over	223.5	216.9	183.3	163.9	155.3	190.1	220.0	200.4	215.8	203.1
Female, total [1]	**38.3**	**42.4**	**37.5**	**36.3**	**35.1**	**50.8**	**51.7**	**45.3**	**42.6**	**38.2**
Motor vehicle accidents	11.2	14.8	11.3	12.8	12.3	9.7	13.4	9.1	8.3	7.7
All other accidents	20.4	18.3	16.5	14.4	13.5	29.1	22.5	18.6	18.6	15.3
Suicide	5.3	7.1	7.3	5.9	6.2	1.6	2.6	2.7	2.2	2.4
Homicide	1.4	2.1	2.9	3.2	3.1	10.4	13.3	14.9	13.5	12.7
15–24 years	23.5	34.9	32.8	37.3	35.3	31.6	45.5	42.0	35.0	31.8
25–44 years	24.0	33.6	30.9	29.1	28.9	51.7	60.5	54.5	46.9	43.7
45–64 years	37.7	44.6	37.9	32.8	32.7	54.5	55.9	51.1	43.4	40.7
65 years and over	149.1	122.4	99.3	87.2	81.8	113.9	107.9	83.2	102.9	77.9

[1] Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 116. DEATHS AND DEATH RATES FROM ACCIDENTS, BY TYPE: 1960 TO 1981

[Beginning 1970, excludes deaths of nonresidents of the U.S. See headnote, table 115 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 163–165]

TYPE OF ACCIDENT	DEATHS					RATE [1]				
	1960	1970	1975	1980	1981	1960	1970	1975	1980	1981
Accidents and adverse effects	**93,806**	**114,638**	**103,030**	**105,718**	**100,704**	**52.3**	**56.4**	**47.8**	**46.7**	**43.9**
Motor-vehicle accidents	38,137	54,633	45,853	53,172	51,385	21.3	26.9	21.3	23.5	22.4
Traffic	37,142	53,493	44,820	51,930	50,196	20.7	26.3	20.8	22.9	21.9
Nontraffic	995	1,140	1,033	1,242	1,189	.6	.6	.5	.5	.5
Other road-vehicle accidents	243	257	255	232	211	.1	.1	.1	.1	.1
Water-transport accidents	1,478	1,651	1,570	1,429	1,219	.8	.8	.7	.6	.5
Air and space transport accidents	1,475	1,612	1,552	1,494	1,575	.8	.8	.7	.7	.7
Railway accidents	1,023	852	608	632	580	.6	.4	.3	.3	.3
Accidental falls	19,023	16,926	14,896	13,294	12,628	10.6	8.3	6.9	5.9	5.5
Fall from one level to another	6,019	4,798	4,005	3,743	3,540	3.4	2.4	1.9	1.7	1.5
Fall on the same level	3,689	828	532	415	417	2.1	.4	.2	.2	.2
Fracture, cause unspecified, and other and unspecified falls	9,315	11,300	10,359	9,136	8,671	5.2	5.6	4.8	4.0	3.8
Accidental drowning	5,232	6,391	6,640	6,043	5,233	2.9	3.1	3.1	2.7	2.3
Accidents caused by—										
Fires and flames	7,645	6,718	6,071	5,822	5,697	4.3	3.3	2.8	2.6	2.5
Firearms	2,334	2,406	2,380	1,955	1,871	1.3	1.2	1.1	.9	.8
Electric current	989	1,140	1,224	1,095	1,008	.6	.6	.6	.5	.4
Explosive material	(3)	530	389	339	351	(2)	.3	.2	.1	.2
Hot substances, corrosive liquids [3]	402	275	209	196	194	.2	.1	.1	.1	.1
Accidental poisoning by—										
Drugs and medicines	(NA)	2,505	3,132	2,492	2,668	(NA)	1.2	1.5	1.1	1.2
Other solid and liquid substances	1,679	1,174	1,562	597	575	.9	.6	.7	.3	.3
Gases and vapors	1,253	1,620	1,577	1,242	1,280	.7	.8	.7	.5	.6
Complications due to medical procedures	1,115	3,581	3,184	2,437	2,549	.6	1.8	1.5	1.1	1.1
Inhalation and ingestion of objects	2,397	2,753	3,106	3,249	3,331	1.3	1.4	1.4	1.4	1.5
All other accidents	9,381	9,614	8,822	9,998	8,349	5.2	4.7	4.1	4.4	3.6

NA Not available. [1] For 1960, 1970, and 1980 per 100,000 resident population as of Apr. 1; other years, per 100,000 population estimated as of July 1. [2] Not available separately because of change in classification; included in "All other accidents." [3] Includes accidents caused by radiation.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 117. Catastrophic Accidents and Deaths, by Type of Accident: 1951 to 1983

[Catastrophic accidents defined as those in which five or more persons were killed. Covers accidents occurring within U.S. only. Excludes military aviation accidents. In some instances data may be incomplete]

Type of accident	Accidents					Deaths				
	1951–1960	1961–1970	1971–1980	1981–1982	1983, prel.	1951–1960	1961–1970	1971–1980	1981–1982	1983, prel.
All types	**1,483**	**1,340**	**924**	**141**	**59**	**13,790**	**12,530**	**10,090**	**1,492**	**485**
Motor vehicle	666	561	220	28	9	4,037	3,553	1,465	171	63
Percent of total	44.9	41.9	23.8	19.9	15.3	29.3	28.4	14.5	11.5	13.0
Bus	32	31	17	4	3	264	313	192	33	24
Collision with railroad train	5	5	4	-	-	35	90	28	-	-
Motor vehicle other than bus	634	530	203	24	6	3,773	3,240	1,273	138	39
Collision with railroad train	94	55	17	4	-	574	346	110	25	-
Air transportation	112	176	178	26	13	2,133	2,868	2,456	410	110
Water transportation	82	45	31	4	1	719	416	437	59	5
Railroad [1]	24	6	6	-	-	369	52	85	-	-
Fire and explosion	420	420	336	33	18	3,099	3,090	2,680	246	110
Percent of total	28.3	31.3	36.4	23.4	30.5	22.5	24.7	26.6	16.5	22.7
Dwellings, apartments	312	322	223	22	10	1,917	1,969	1,341	142	56
Hotels, boarding houses, rooming houses	24	25	33	3	4	175	243	386	35	26
Institutions [2]	17	12	19	2	1	254	200	199	36	6
Places of amusement	2	3	4	-	-	26	99	202	-	-
Other	65	58	57	6	3	727	579	552	33	22
Tornadoes, floods, hurricanes, etc	98	80	103	35	14	2,682	2,027	2,336	381	174
Mines and quarries	22	15	9	4	1	339	298	161	43	7
All other	59	37	41	11	3	412	226	470	182	16

- Represents zero. [1] Collisions of railroad trains with motor vehicles are classified as motor vehicle accidents.
[2] Homes for aged and convalescent, hospitals, etc.

Source: Metropolitan Life Insurance Company, New York, NY, *Statistical Bulletin*, April–June 1982; and unpublished data.

No. 118. Suicide Rates, by Sex, Race, and Age Group: 1970 to 1981

[**Rates per 100,000 population in specified group.** Excludes deaths of nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 55]

Age	Male								Female							
	White				Black				White				Black			
	1970	1975	1980	1981	1970	1975	1980	1981	1970	1975	1980	1981	1970	1975	1980	1981
All ages [1]	**18.0**	**19.9**	**19.9**	**20.0**	**8.0**	**9.9**	**10.3**	**10.2**	**7.1**	**7.3**	**5.9**	**6.2**	**2.6**	**2.7**	**2.2**	**2.4**
5–14 years	.5	.8	.7	.8	.1	.3	.3	.2	.1	.2	.2	.3	.2	.1	.1	.1
15–24 years	13.9	19.3	21.4	21.1	10.5	12.7	12.3	11.1	4.2	4.9	4.6	4.9	3.8	3.2	2.3	2.4
25–34 years	19.9	24.0	25.6	26.2	19.2	23.4	21.8	21.8	9.0	8.8	7.5	7.7	5.7	5.4	4.1	4.6
35–44 years	23.3	24.4	23.5	24.3	12.6	16.0	15.6	15.5	13.0	12.6	9.1	9.5	3.7	4.0	4.6	4.2
45–54 years	29.5	29.7	24.2	23.9	13.8	12.4	12.0	12.3	13.5	13.8	10.2	11.1	3.7	4.0	2.8	2.5
55–64 years	35.0	31.9	25.8	26.3	10.6	10.7	11.7	12.5	12.3	11.5	9.1	9.4	2.0	3.4	2.3	2.9
65 and over	41.1	39.0	37.5	35.7	8.7	11.2	11.4	12.2	8.5	8.4	6.5	6.3	2.6	2.2	1.4	2.3

[1] Includes other age groups not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 119. Suicides, by Sex and Method Used: 1960 to 1981

[Beginning 1970, excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, p. 55. See also *Historical Statistics, Colonial Times to 1970*, series H 979–986]

Method	Male							Female						
	1960	1970	1975	1978	1979	1980	1981	1960	1970	1975	1978	1979	1980	1981
Total	**14,539**	**16,629**	**19,622**	**20,188**	**20,256**	**20,505**	**20,809**	**4,502**	**6,851**	**7,441**	**7,106**	**6,950**	**6,364**	**6,787**
Firearms [1]	7,879	9,704	12,185	12,830	12,919	12,937	13,378	1,138	2,068	2,688	2,557	2,639	2,459	2,761
Percent of total	54.2	58.4	62.1	63.6	63.8	63.1	64.3	25.3	30.2	36.1	36.0	38.0	38.6	40.7
Poisoning [2]	2,631	3,299	3,297	3,105	2,974	2,997	2,922	1,699	3,285	3,129	2,912	2,754	2,456	2,509
Hanging and strangulation [3]	2,576	2,422	2,815	2,759	2,783	2,997	3,033	790	831	846	753	742	694	722
Other [4]	1,453	1,204	1,325	1,494	1,580	1,574	1,476	875	667	778	884	815	755	795

[1] Includes explosives through 1978. [2] Includes solids, liquids, and gases. [3] Includes suffocation.
[4] Beginning 1979 includes explosives.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 120. Marriages and Divorces: 1960 to 1981

[For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158-159 and B 214-220]

Marriage and divorce	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
MARRIAGES										
Total (1,000) [1]	**1,523**	**1,800**	**2,159**	**2,153**	**2,155**	**2,178**	**2,282**	**2,331**	**2,390**	**2,422**
Rate per 1,000 population [1]	8.5	9.3	10.6	10.0	9.9	9.9	10.3	10.4	10.6	10.6
Rate per 1,000 unmarried women: [1] [2]										
15-44 years old	148.0	144.3	140.2	118.5	113.4	109.8	109.1	107.9	102.6	103.1
15 years old and over	73.5	75.0	76.5	66.9	65.2	63.6	64.1	63.6	61.4	61.7
First marriage of bride [3] (1,000)	664	1,043	1,252	1,191	1,163	1,147	1,174	1,214	1,221	1,219
Rate per 1,000 single women: [2]										
14 years old and over	87.5	84.4	82.9	68.1	64.8	62.7	62.1	62.1	[4] 66.0	[4] 64.9
18-19 years	208.4	166.9	151.4	115.0	105.1	99.6	95.6	91.7	87.3	80.7
20-24 years	263.9	237.3	220.1	143.8	133.4	125.6	123.0	121.9	119.8	110.0
25-44 years	(NA)	96.4	82.5	81.7	81.8	78.6	77.1	76.8	74.9	79.3
45-64 years	(NA)	9.0	8.8	9.2	9.3	8.6	7.9	7.8	7.0	7.9
65 years old and over	(NA)	1.3	1.1	1.2	1.1	1.0	1.0	.9	.9	.9
Median age at first marriage: [3]										
Male (years)	[5] 22.8	22.5	22.5	22.7	22.9	23.0	23.2	23.4	23.6	23.9
Female (years)	[5] 20.3	20.4	20.6	20.8	21.0	21.1	21.4	21.6	21.8	22.0
Remarriages of bride [3] [6] (1,000)	197	305	393	510	518	532	548	582	591	616
Rate per 1,000 widowed and divorced: [2]										
14 years old and over	32.7	33.7	36.6	40.1	39.7	40.0	40.0	40.8	[4] 38.3	[4] 39.9
14-24 years	407.7	471.0	317.6	319.9	324.4	323.5	321.5	312.6	[7] 231.0	[7] 280.0
25-44 years	(NA)	139.6	142.3	144.5	133.2	129.0	126.8	127.5	117.3	119.7
45-64 years	22.0	24.5	24.8	23.5	23.5	22.1	21.9	21.7	19.7	19.9
65 years old and over	(NA)	2.4	2.5	2.5	2.3	2.4	2.1	3.0	2.3	2.3
Remarriages of widows (1,000)	(NA)	67	75	68	64	61	59	65	59	57
Rate per 1,000 widows: [2]										
14 years old and over	(NA)	10.2	10.2	8.3	7.9	7.6	7.1	7.7	[4] 6.7	[4] 6.5
14-44 years	(NA)	69.6	54.1	61.7	56.0	57.3	55.3	52.6	[8] 51.0	[8] 48.4
45-64 years	(NA)	16.5	17.7	14.9	15.2	14.0	13.6	13.6	12.2	12.0
65 years old and over	(NA)	2.0	2.3	2.1	2.1	2.1	1.8	2.6	2.1	2.0
Remarriages of divorced women (1,000)	(NA)	195	270	365	377	391	406	432	447	475
Rate per 1,000 divorced women: [2]										
14 years old and over	(NA)	127.8	123.3	117.2	111.3	107.3	105.0	104.0	[4] 91.3	[4] 96.3
14-24 years	(NA)	512.3	413.4	319.6	339.4	347.3	313.7	309.1	[7] 236.4	[7] 282.2
25-44 years	(NA)	176.3	179.6	158.6	144.0	137.3	134.4	135.2	122.8	129.1
45-64 years	(NA)	45.8	42.6	40.1	37.5	35.6	35.6	35.1	30.3	30.2
65 years old and over	(NA)	9.6	6.1	9.1	6.9	6.4	6.4	7.4	5.3	5.7
Median age at remarriage: [3]										
Male (years)	(NA)	39.6	37.5	35.5	35.1	34.9	35.1	35.3	35.2	35.3
Female (years)	(NA)	35.5	33.3	32.0	31.7	31.4	31.5	31.9	32.0	32.1
DIVORCES [9]										
Total (1,000)	**393**	**479**	**708**	**1,036**	**1,083**	**1,091**	**1,130**	**1,181**	**1,189**	**1,213**
Rate per 1,000 population	2.2	2.5	3.5	4.8	5.0	5.0	5.1	5.3	5.2	5.3
Rate per 1,000 married women, 15 yr. old and over [2]	9.2	10.6	14.9	20.3	21.1	21.1	21.9	22.8	22.6	22.6
Median duration of marriage [10] (years)	7.1	7.2	6.7	6.5	6.5	6.6	6.6	6.8	6.8	7.0
Median age at divorce after 1st marriage: [11]										
Male (years)	(NA)	(NA)	30.5	30.2	30.3	30.6	30.7	31.0	31.2	31.5
Female (years)	(NA)	(NA)	27.9	28.1	28.2	28.4	28.4	28.7	28.9	29.2
Children involved in divorces [10] (1,000)	463	630	870	1,123	1,117	1,095	1,147	1,181	1,174	1,180
Avg. number of children involved	1.18	1.32	1.22	1.08	1.03	1.00	1.01	1.00	.98	.97

NA Not available. [1] Beginning 1978 includes nonlicensed marriages registered in California. [2] Rates for 1975-1979 are based on population estimates that were not revised in accordance with 1980 census results. [3] Number of States reporting: 1960, 33, including New York but excluding New York City; 1965, 38; 1970, 39; 1975-1978, 41; and 1979-1981, 42. Beginning 1965, includes DC. [4] 15 years old and over. [5] Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349. [6] Includes remarriages of women whose prior marital status is unknown. [7] 15-24 years old. [8] 15-44 years old. [9] Includes annulments. [10] Number of States reporting: 1960, 18; 1965, 22; 1970 and 1978, 28; 1975-77, 29; 1979 and 1980, 30; and 1981, 31. [11] Number of States reporting: 1970, 27; 1975-78, 28; 1979 and 1980, 30; and 1981, 31. Median age computed on grouped ages.

Source: Except as noted, U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report;* and unpublished data.

NO. 121. MARRIAGES—NUMBER AND RATE, BY STATE: 1965 TO 1982

[By place of occurrence. Data are counts of marriages performed, except as noted. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	NUMBER (1,000)						RATE PER 1,000 POPULATION [1]					
	1965	1970	1975	1980	1981	1982, prel.	1965	1970	1975	1980	1981	1982, prel.
U.S	**1,800.2**	**2,158.8**	**2,152.7**	**2,390.3**	**2,422.1**	[2] **2,495.0**	**9.3**	**10.6**	**10.0**	**10.6**	**10.6**	**10.8**
Regions:												
Northeast	346.5	417.8	384.2	400.3	407.5	429.2	7.3	8.5	7.8	8.1	8.3	8.7
Midwest	470.4	545.4	549.4	569.2	565.2	567.3	8.7	9.6	9.5	9.7	9.6	9.6
South	636.0	763.1	776.7	880.2	906.1	923.8	10.6	12.2	11.2	11.7	11.8	11.8
West	[3] 347.3	432.5	442.4	540.5	543.3	560.0	[3] 10.9	12.4	11.5	12.5	12.3	12.4
N.E	**86.5**	**105.4**	**96.8**	**106.3**	**108.6**	**113.5**	**7.8**	**8.9**	**7.9**	**8.6**	**8.7**	**9.1**
ME	8.7	11.0	11.2	12.0	12.3	12.5	8.8	11.0	10.4	10.7	10.9	11.1
NH	9.0	10.0	8.8	9.3	10.0	10.0	13.4	13.6	10.6	10.0	10.7	10.5
VT	3.6	4.5	4.6	5.2	5.2	5.7	9.0	10.2	9.5	10.2	10.2	11.0
MA	37.9	47.4	42.1	46.3	47.8	50.6	7.1	8.3	7.3	8.1	8.3	8.7
RI	6.3	7.5	6.7	7.5	7.6	7.9	7.1	7.9	7.1	7.9	7.9	8.2
CT	21.0	24.9	23.4	26.0	25.7	26.9	7.4	8.2	7.6	8.4	8.2	8.5
M.A	**260.0**	**312.4**	**287.4**	**294.0**	**298.9**	**315.7**	**7.1**	**8.4**	**7.7**	**8.0**	**8.1**	**8.5**
NY	133.5	161.2	142.8	144.5	148.2	162.5	7.4	8.9	7.9	8.2	8.4	9.2
NJ	46.3	56.6	53.0	55.8	58.0	60.6	6.8	7.9	7.2	7.6	7.8	8.1
PA	80.2	94.5	91.7	93.7	92.6	92.6	6.9	8.0	7.7	7.9	7.8	7.8
E.N.C	**339.3**	**384.8**	**387.4**	**395.5**	**391.0**	**392.4**	**8.9**	**9.6**	**9.4**	**9.5**	**9.4**	**9.4**
OH	79.0	90.1	101.1	99.8	100.0	102.1	7.7	8.5	9.4	9.2	9.3	9.5
IN	49.7	55.2	56.1	57.9	55.6	56.4	10.2	10.6	10.5	10.5	10.1	10.3
IL	101.0	115.5	111.5	109.8	109.1	106.9	9.5	10.4	9.9	9.6	9.5	9.3
MI	81.2	89.7	82.9	86.9	85.3	84.0	9.8	10.1	9.1	9.4	9.3	9.2
WI	28.4	34.4	35.9	41.1	41.1	43.0	6.9	7.8	7.9	8.7	8.7	9.0
W.N.C	**131.0**	**160.5**	**161.9**	**173.7**	**174.3**	**174.9**	**8.3**	**9.8**	**9.7**	**10.1**	**10.1**	**10.1**
MN	26.5	31.3	32.3	37.6	37.6	37.4	7.4	8.2	8.2	9.2	9.2	9.1
IA	20.2	24.6	25.6	27.5	27.2	27.4	7.3	8.7	8.9	9.4	9.3	9.4
MO	40.2	50.1	50.1	54.6	54.1	54.8	8.9	10.7	10.5	11.1	11.0	11.1
ND	4.9	5.3	6.0	6.1	6.2	6.2	7.6	8.6	9.4	9.3	9.4	9.2
SD	8.3	11.0	11.1	8.8	8.7	8.3	12.1	16.6	16.3	12.7	12.6	12.1
NE	12.1	15.7	13.1	14.2	14.4	14.1	8.3	10.6	8.5	9.1	9.1	8.9
KS	18.8	22.4	23.8	24.8	26.1	26.7	8.4	10.0	10.4	10.5	11.0	11.1
S.A	**311.7**	**371.0**	**366.6**	**413.1**	**421.6**	**428.4**	**10.8**	**12.1**	**10.7**	**11.2**	**11.2**	**11.2**
DE	3.1	4.3	3.9	4.4	4.5	4.8	6.2	7.8	6.7	7.5	7.6	8.0
MD	47.3	52.2	44.8	46.3	47.1	47.5	13.4	13.3	10.8	11.0	11.1	11.1
DC	9.2	7.3	4.9	5.2	5.3	5.7	11.4	9.6	6.9	8.1	8.4	9.0
VA	46.0	52.0	54.7	60.2	61.4	62.3	10.4	11.2	10.8	11.3	11.3	11.3
WV	14.2	15.9	17.0	17.4	16.7	16.5	7.8	9.1	9.3	8.9	8.6	8.5
NC	40.7	48.3	42.3	46.7	48.1	51.0	8.2	9.5	7.6	7.9	8.1	8.5
SC	46.3	57.9	50.2	53.9	54.4	53.5	18.2	22.3	17.3	17.3	17.2	16.7
GA	55.5	63.9	63.2	70.6	71.0	71.7	12.6	13.9	12.5	12.9	12.7	12.7
FL	49.4	69.2	85.4	108.3	113.0	115.4	8.5	10.2	10.0	11.1	11.1	11.1
E.S.C	**132.1**	**154.9**	**155.2**	[4] **168.8**	[4] **169.0**	**169.9**	**10.3**	**12.1**	**11.2**	[4] **11.5**	[4] **11.5**	**11.5**
KY	[5] 28.3	36.3	32.1	[4] 32.7	[4] 32.2	35.1	[5] 8.9	11.3	9.2	[4] 8.9	[4] 8.8	9.6
TN	40.1	45.4	51.5	59.2	60.1	58.5	10.4	11.6	12.1	12.9	13.0	12.6
AL	40.4	47.0	45.3	49.0	48.7	48.5	11.6	13.6	12.3	12.6	12.4	12.3
MS	23.3	26.3	26.3	27.9	28.0	27.6	10.1	11.9	10.9	11.1	11.0	10.8
W.S.C	**192.2**	**237.2**	**254.9**	**298.2**	**315.5**	**325.6**	**10.4**	**12.3**	**11.9**	**12.6**	**12.9**	**13.0**
AR	19.2	23.3	24.3	26.5	27.7	28.0	9.9	12.1	11.3	11.6	12.1	12.2
LA	29.0	35.4	37.3	43.5	44.9	44.3	8.1	9.7	9.6	10.3	10.5	10.2
OK	32.6	39.0	40.1	46.5	48.2	47.9	13.3	15.2	14.5	15.4	15.5	15.1
TX	111.5	139.5	153.2	181.8	194.8	205.4	10.5	12.5	12.2	12.8	13.2	13.4
Mt	[3] **157.9**	**187.5**	**212.0**	**241.7**	**235.1**	**238.6**	[3] **20.5**	**22.6**	**21.5**	**21.3**	**20.1**	**19.9**
MT	4.7	6.9	7.3	8.3	8.2	8.2	6.7	10.0	9.8	10.6	10.3	10.2
ID	15.9	10.9	12.7	13.4	14.2	14.0	22.9	15.3	15.3	14.2	14.8	14.5
WY	3.6	4.5	5.6	6.9	7.1	6.7	10.9	13.5	14.9	14.6	14.4	13.3
CO	[5] 18.7	25.0	27.6	34.9	37.2	35.3	[5] 9.6	11.3	10.7	12.1	12.5	11.6
NM	[3] [6] 13.2	[6] 12.4	[6] 15.8	16.6	[6] 17.2	[5] 17.5	[3] [6] 13.0	[6] 12.2	[6] 13.6	12.8	[6] 12.9	[5] 12.8
AZ	12.1	[6] 18.5	26.6	30.2	31.9	[6] 29.1	7.7	[6] 10.4	11.6	11.1	11.4	[6] 10.2
UT	8.7	11.7	14.9	17.0	17.9	18.7	8.8	11.0	12.1	11.6	11.8	12.0
NV	[5] 81.0	97.6	101.6	114.3	101.4	109.2	[5] 186.7	199.7	163.8	142.8	119.9	123.9
Pac	**189.3**	**245.0**	**230.3**	**298.8**	**308.2**	**321.4**	**7.8**	**9.2**	**8.0**	**9.4**	**9.5**	**9.7**
WA	[3] 31.5	41.3	41.8	47.7	50.0	47.0	[3] 10.6	12.1	11.6	11.6	11.9	11.1
OR	13.3	17.3	19.3	23.0	22.9	24.1	6.8	8.3	8.3	8.7	8.6	9.1
CA [7]	136.1	172.4	154.8	210.9	217.3	230.7	7.4	8.6	7.2	8.9	9.0	9.3
AK	2.4	3.4	4.7	5.4	5.7	6.3	9.0	11.2	12.8	13.3	13.8	14.5
HI	6.1	10.6	9.7	11.9	12.2	13.4	8.6	13.8	10.9	12.3	12.5	13.4

[1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970 and 1980, estimated as of July 1 for all other years. [2] Estimate for U.S. is based on monthly reports adjusted for observed differences from final monthly figures. State figures are not adjusted in this manner. [3] Estimated. [4] Incomplete. [5] Marriage licenses. [6] Data represent the sum of marriages performed in some counties and marriage licenses issued in other counties. [7] Beginning 1980, includes nonlicensed marriages registered.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and *Monthly Vital Statistics Report.*

No. 122. Divorces and Annulments—Number and Rate, by State: 1965 to 1982

[By place of occurrence. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Number (1,000)						Rate per 1,000 population [1]					
	1965	1970	1975	1980	1981	1982, prel.	1965	1970	1975	1980	1981	1982, prel.
U.S	[2] 479.0	[2] 708.0	[2] 1,036.0	1,189.0	[2] 1,213.0	[3] 1,180.0	[2] 2.5	[2] 3.5	[2] 4.8	5.2	[2] 5.3	[3] 5.1
Regions:												
Northeast	48.0	86.0	153.0	174.0	180.0	178.5	1.0	1.8	3.1	3.5	3.6	3.6
Midwest	128.0	[2] 166.0	[2] 261.0	292.0	289.0	(NA)	2.4	[2] 3.3	[2] 4.5	5.0	4.9	(NA)
South	[2] 176.0	[2] 242.0	[2] 374.0	449.0	[2] 465.0	(NA)	[2] 2.9	[2] 3.9	[2] 5.4	6.0	[2] 6.1	(NA)
West	128.0	194.0	248.0	274.0	[2] 279.0	273.1	4.0	5.6	6.4	6.3	[2] 6.3	6.0
New England	**17.5**	**25.8**	**43.2**	**49.0**	**50.4**	**48.8**	**1.6**	**2.2**	**3.5**	**4.0**	**4.1**	**3.9**
Maine	2.5	3.9	5.5	6.2	6.4	5.8	2.6	3.9	5.2	5.5	5.6	5.1
New Hampshire	1.6	2.4	4.2	5.3	5.2	5.0	2.3	3.3	5.1	5.7	5.6	5.3
Vermont	.6	1.0	1.9	2.6	2.3	2.6	1.5	2.3	4.0	5.1	4.4	5.1
Massachusetts	7.8	11.0	16.6	17.9	19.5	20.8	1.5	1.9	2.9	3.1	3.4	3.6
Rhode Island	1.2	1.7	2.7	3.6	3.4	3.6	1.3	1.8	2.8	3.8	3.6	3.8
Connecticut	3.7	5.8	12.2	13.5	13,6	10.9	1.3	1.9	4.0	4.3	4.3	3.4
Middle Atlantic	**30.4**	**59.9**	**110.0**	**124.7**	**129.8**	**129.8**	**.8**	**1.6**	**3.0**	**3.4**	**3.5**	**3.5**
New York	8.2	26.4	55.6	62.0	63.4	62.6	.5	1.4	3.1	3.5	3.6	3.5
New Jersey	5.6	10.8	19.4	27.8	27.6	28.6	.8	1.5	2.6	3.8	3.7	3.9
Pennsylvania	16.6	22.6	35.0	34.9	38.8	38.5	1.4	1.9	2.9	2.9	3.3	3.2
East North Central	[3] **94.5**	[4] **129.8**	[4] **186.2**	**212.4**	[4] **206.9**	(NA)	[3] **2.5**	(S)	(S)	**5.1**	[4] **5.0**	(NA)
Ohio	25.8	39.3	52.6	58.8	[4] 58.6	53.9	2.5	3.7	4.9	5.4	[4] 5.4	5.0
Indiana	[3] 18.5	[4] 15.2	[4] 28.8	[5] 40.0	[5] 35.0	(NA)	[3] 3.8	(S)	(S)	[5] 7.3	[5] 6.4	(NA)
Illinois	24.7	36.5	51.0	51.0	51.8	50.2	2.3	3.3	4.5	4.5	4.5	4.4
Michigan	20.3	30.0	40.8	45.0	43.2	38.2	2.4	3.4	4.5	4.9	4.7	4.2
Wisconsin	5.2	8.9	13.1	17.5	18.5	17.3	1.3	2.0	2.9	3.7	3.9	3.6
West North Central	**33.4**	**48.2**	**70.1**	**79.6**	**82.2**	**76.6**	**2.1**	**3.0**	**4.2**	**4.6**	**4.8**	**4.4**
Minnesota	4.9	8.3	13.2	15.4	16.5	14.4	1.4	2.2	3.4	3.8	4.0	3.5
Iowa	5.3	7.2	10.3	11.9	12.1	10.9	1.9	2.5	3.6	4.1	4.1	3.8
Missouri	13.2	17.9	24.5	27.6	28.0	27.2	2.9	3.8	5.1	5.6	5.7	5.5
North Dakota	.7	1.0	1.7	2.1	2.3	2.2	1.1	1.6	2.7	3.3	3.5	3.3
South Dakota	1.0	1.4	2.2	2.8	2.8	2.6	1.5	2.0	3.3	4.1	4.0	3.7
Nebraska	2.5	3.7	5.6	6.4	6.8	6.5	1.7	2.5	3.6	4.1	4.3	4.1
Kansas	5.8	8.8	12.6	13.4	13.7	12.7	2.6	3.9	5.5	5.7	5.8	5.3
South Atlantic	[4] **73.3**	**106.1**	**174.8**	**206.3**	**213.9**	**205.2**	[4] **2.6**	**3.5**	**5.1**	**5.6**	**5.7**	**5.4**
Delaware	.7	1.7	2.8	2.3	3.0	3.2	1.5	3.2	4.7	3.9	5.0	5.3
Maryland	7.0	9.3	15.4	17.5	17.2	15.0	2.0	2.4	3.7	4.1	4.0	3.5
District of Columbia	1.3	2.3	3.8	4.7	3.9	3.4	1.7	3.0	5.3	7.3	6.2	5.4
Virginia	8.9	11.9	19.5	23.6	25.1	26.3	2.0	2.6	3.9	4.4	4.6	4.8
West Virginia	3.9	5.6	8.6	10.3	10.7	10.4	2.1	3.2	4.7	5.3	5.5	5.3
North Carolina	11.2	13.7	22.1	28.1	29.6	29.7	2.3	2.7	4.0	4.8	5.0	4.9
South Carolina	3.0	5.8	9.7	13.6	14.0	13.7	1.2	2.3	3.3	4.4	4.4	4.3
Georgia	[4] 12.0	18.6	29.5	34.7	35.2	32.1	[4] 2.7	4.1	5.8	6.4	6.3	5.7
Florida	25.3	37.2	63.4	71.6	75.3	71.5	4.4	5.5	7.4	7.3	7.4	6.9
East South Central	**36.2**	**50.6**	**74.4**	[4] **87.5**	[4] **88.7**	**85.2**	**2.8**	**4.0**	**5.4**	[4] **6.0**	[4] **6.0**	**5.7**
Kentucky	8.3	10.7	14.5	[4] 16.7	[4] 16.7	16.8	2.6	3.3	4.2	[4] 4.6	[4] 4.5	4.6
Tennessee	11.1	16.6	24.6	30.2	31.1	30.0	2.9	4.2	6.9	6.6	6.7	6.4
Alabama	11.0	15.1	23.0	26.7	26.8	25.2	3.2	4.4	6.2	6.9	6.8	6.4
Mississippi	5.7	8.2	12.3	13.8	14.2	13.3	2.5	3.7	5.1	5.5	5.6	5.2
West South Central [4]	**64.4**	**82.7**	**122.8**	**155.0**	**160.7**	(NA)	(S)	(S)	(S)	**6.5**	(S)	(NA)
Arkansas	6.6	[4] 9.3	[4] [6] 16.7	[4] 15.9	16.5	15.7	3.4	[4] 4.8	[4] [6] 7.8	[4] 6.9	7.2	6.9
Louisiana [4]	4.6	5.1	8.7	18.1	17.4	(NA)	(S)	(S)	(S)	4.3	(S)	(NA)
Oklahoma	11.9	16.8	20.6	24.2	25.0	23.9	4.8	6.6	7.4	8.0	8.1	7.5
Texas	41.3	51.5	76.7	96.8	101.9	101.6	3.9	4.6	6.1	6.8	6.9	6.6
Mountain	[4] **38.1**	[4] **49.0**	**70.7**	**86.1**	[4] **89.4**	**82.4**	[4] **5.0**	[4] **5.9**	**7.2**	**7.6**	(S)	**6.8**
Montana	2.0	3.0	4.3	4.9	5.0	4.6	2.8	4.4	5.7	6.3	6.3	5.8
Idaho	2.9	3.6	5.2	6.6	6.7	6.3	4.1	5.1	6.3	7.0	7.0	6.6
Wyoming	1.4	1.8	2.8	4.0	4.1	3.9	4.3	5.4	7.5	8.5	8.5	7.8
Colorado	[3] 6.7	10.4	15.7	18.6	19.5	17.2	[3] 3.4	4.7	6.1	6.4	6.6	5.6
New Mexico	[4] 3.7	[4] 4.4	8.4	10.4	[4] [5] 10.2	9.6	[4] 3.6	[4] 4.3	7.2	8.0	(S)	7.0
Arizona	8.6	[5] 12.7	17.6	19.9	20.8	20.2	5.4	[5] 7.2	7.7	7.3	7.5	7.1
Utah	2.9	3.9	6.1	7.8	8.1	8.3	2.9	3.7	5.0	5.3	5.3	5.4
Nevada	10.0	9.1	10.5	13.8	14.9	12.2	23.0	18.7	17.0	17.3	17.6	13.9
Pacific	**89.9**	**144.7**	**177.0**	**187.9**	**188.6**	**190.7**	**3.7**	**5.5**	**6.2**	**5.9**	**5.8**	**5.8**
Washington	11.5	17.9	25.8	28.6	29.5	27.8	3.9	5.2	7.1	6.9	7.0	6.5
Oregon	6.2	9.6	15.6	17.8	17.8	16.5	3.2	4.6	6.7	6.7	6.7	6.2
California	69.9	112.9	128.5	133.5	133.6	138.4	3.8	5.7	6.0	5.6	5.5	5.6
Alaska	1.1	1.7	2.9	3.5	3.5	3.6	4.2	5.6	7.7	8.8	8.3	8.3
Hawaii	1.1	2.6	4.3	4.4	4.3	4.3	1.6	3.4	4.8	4.6	4.3	4.3

NA Not available. S Does not meet publication standards. For States, reporting less than 90 percent complete; for divisions, includes one or more such States. [1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970 and 1980, estimated as of July 1 for all other years. [2] Includes estimates for States with reporting less than 90 percent complete; therefore, State data may not add to total. [3] Estimated.
[4] Incomplete. [5] Includes divorce petitions filed for some counties. [6] Includes legal separations and dismissals.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*.

1985

Section 3

Immigration and Naturalization

This section presents statistics related to immigration and naturalization. The principal source is the *Statistical Yearbook of the Immigration and Naturalization Service*, published annually by the Immigration and Naturalization Service (INS), a unit of the Department of Justice. Immigration statistics were prepared from entry visas and change of immigration status forms. Statistics for naturalization are compiled from periodic reports by Federal courts and specially designated State courts. Alien registration data are compiled from alien address report cards. Due to changes in immigration law in 1981, 1980 was the last year alien address report data were processed.

The collection of U.S. immigration statistics began under the Act of 1819. Data on persons arriving in ports were transmitted to the U.S. Secretary of State, who reported the information periodically to Congress. Subsequently, reports to the Secretary of State and to Congress were required by law, as well as the collection of data on immigrants arriving at land borders. Beginning in 1906, those arriving were divided into immigrants and nonimmigrants, depending on how long they intended to remain in the United States (see below).

Immigrants.—Immigrants are nonresident aliens (i.e., non U.S. citizens) admitted to the U.S. for permanent residence. The category includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees one or two years earlier. Thus, immigrants as measured in this section do not equal net civilian immigration as shown in table 7.

Nonimmigrants.—Nonimmigrants are nonresident aliens admitted to the United States for a temporary period. Included in this group are visitors for business and pleasure, students and their spouses and children, foreign government officials, exchange visitors and their spouses and children, international representatives, treaty traders and investors, representatives of foreign information media, fiances(ees) of U.S. citizens and their children, officials of the North Atlantic Treaty Organization (NATO) and aliens in transit. Excluded are border crossers, crewmen, and insular travelers. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

Quota and nonquota immigrants.—In 1921, Congress enacted the first numerical ceiling on immigration (357,000 per year) into the United States, although it applied only to Eastern Hemisphere countries and their dependencies. The 1921 Act also required that immigrants be classified as quota and nonquota immigrants. Quota immigrants were subject to congressionally mandated quotas for Eastern Hemisphere countries and their dependencies. Nonquota immigrants included natives of the Western Hemisphere and their spouses and children, immediate relatives of U.S. citizens, and certain groups of special immigrants.

Between 1929 and 1968, quotas were determined by the "national origins" formula which provided that the annual quota equal one-sixth of one percent of the number of White inhabitants in the continental United States in 1920, less Western Hemisphere immigrants and their descendants. The annual quota for each nationality was then determined by the same ratio to 150,000 as the number of inhabitants of each nationality living in the continental United States in 1920 to the total inhabitants, although a minimum quota for any nationality was 100.

The Act of 1965, which became fully effective in July 1968, abolished the quota system and set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no more than 20,000 immigrants to come from any one country; a numerical limitation of 120,000 per year was imposed on Western Hemisphere immigration, which had previously been unrestricted. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrate to the United States. After 1968 immigrants were classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 124). Those exempt include immediate relatives of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of six preference categories beginning in 1980 (previously 7 categories), four of which provide for reunion of families of U.S. citizens and resident aliens, and two for specified workers needed in the United States. Numbers not used by these six preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976, preference classifications were applied only to immigrants from the Eastern Hemisphere. Beginning 1977, Western Hemisphere immigrants were also subject to preference and nonpreference classifications. Effective October 1978, the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000. This limit was lowered to 280,000 for fiscal year 1980, and to 270,000 for fiscal year 1981, and subsequent years.

Status of Cubans.—Effective November 1966, Cubans admitted or paroled (i.e., admitted without an immigration visa) into the United States after January 1, 1959, and present in the United States for at least 2 years, may obtain permanent resident status. A court decision in September 1976 exempted Cuban refugees from numerical limitations, retroactive to 1968. The Refugee Act of 1980 changed the residency requirement from two years to one year.

Status of Indochinese.—Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia were eligible to apply for permanent resident status. Public Law 95-145 provided that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States.This period was changed to one year per the Refuge Act of 1980.

Refugee Act of 1980.—Effective April 1, 1980, this legislation provides for a uniform admission procedure for refugees of all countries, based on the United Nation's definition of refugees. Authorized admission ceilings are set annually by the President in consultation with Congress. After one year of residence in the United States, refugees are eligible for immigrant status.

Alien registration.—Prior to its elimination in 1981, the Alien Address Reporting Program required all aliens in the United States to report their current address each January to the U.S. Attorney General.

Naturalizations.—Most aliens acquire U.S. citizenship under the general provisions of the Immigration and Nationality Act of 1952, as amended. As specified by that Act, the requirements a prospective citizen must meet relate to residency, language proficiency, moral character, loyalty to the United States, attachment to the principles of the Constitution, etc. Spouses and children of U.S. citizens can be naturalized under less stringent conditions. In certain cases, an administrative, judicial, legislative, or executive waiver of the requirements may be obtained. Naturalization statistics are also maintained by INS.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. 123. IMMIGRATION: 1820 TO 1981

[**In thousands, except rate.** Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** For definition of immigrants, see text, pp. 83 and 84. For 1820–1867, alien passengers arriving; 1868–1891 and 1895–1897, immigrants arriving; 1892–1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970,* series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate [1]		Number	Rate [1]		Number	Rate [1]
1820–1981	**50,252**	**3.4**	1921–1930	4,107	3.5	1971	370	1.8
			1931–1940	528	.4	1972	385	1.8
1820–1830 [2]	152	1.2	1941–1950	1,035	.7	1973	400	1.9
1831–1840 [3]	599	3.9	1951–1960	2,515	1.5	1974	395	1.9
1841–1850 [4]	1,713	8.4	1961–1970	3,322	1.7	1975	386	1.8
1851–1860 [4]	2,598	9.3	1971–1980 [6]	4,493	2.1	1976	399	1.9
1861–1870 [5]	2,315	6.4	1965	297	1.5	1977	462	2.1
1871–1880	2,812	6.2	1966	323	1.6	1978	601	2.8
1881–1890	5,247	9.2	1967	362	1.8	1979	460	2.1
1891–1900	3,688	5.3	1968	454	2.3	1980	531	2.3
1901–1910	8,795	10.4	1969	359	1.8	1981	597	2.6
1911–1920	5,736	5.7	1970	373	1.8			

[1] Annual rate per 1,000 U.S. population, 10-year rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same 10 years. [2] Oct. 1, 1819–Sept. 30, 1830. [3] Oct. 1, 1830–Dec. 31, 1840.
[4] Calendar years. [5] Jan. 1, 1861–June 30, 1870. [6] Incudes transition quarter, July 1 to Sept. 30, 1976.
Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual; and releases.

NO. 124. IMMIGRANTS ADMITTED, BY CLASSES: 1930 TO 1981

[For years ending **June 30** except, beginning **1977**, ending **September 30.** For definition of immigrants, see text, pp. 83–84. See also *Historical Statistics, Colonial Times to 1970,* series C 143–157]

CLASS OF ADMISSION	1930	1940	1950	1955	1960	1965	1967
Annual quota	**153,714**	**153,774**	**154,206**	**154,657**	**154,887**	**158,561**	**158,261**
Immigrants admitted	**241,700**	**70,756**	**249,187**	**237,790**	**265,398**	**296,697**	**361,972**
Natives of Eastern Hemisphere	141,497	51,997	197,460	82,232	101,373	99,381	153,079
Natives of Western Hemisphere	63,147	11,985	33,238	94,274	91,701	153,199	151,034
Immediate relatives of U.S. citizens	32,105	5,474	16,275	30,882	34,215	32,714	46,903
Other	4,951	1,300	2,214	30,402	38,109	11,403	10,956
	1970	**1975**	**1977**	**1978**	**1979**	**1980**	**1981**
Immigrants, total	**373,326**	**386,194**	**462,315**	**601,442**	**460,348**	**530,639**	**596,600**
Percent of aliens admitted	7.8	5.2	5.4	6.0	(NA)	(NA)	(NA)
Subject to Eastern Hemisphere limitations	172,547	160,460	170,161	165,743	279,478	289,479	330,409
Subject to Western Hemisphere limitations	114,736	121,101	106,339	175,361			
Exempt from numerical limitations	86,043	104,633	185,815	260,338	180,870	241,160	266,191
Subject to limitations [1]	287,283	281,561	276,500	341,104	279,478	289,479	330,409
Relative preferences	92,432	95,945	130,784	190,297	213,729	216,856	226,576
Unmarried sons and daughters of U.S. citizens and their children (1st preference)	1,089	871	1,473	3,692	5,107	5,668	5,721
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference)	30,714	43,077	54,914	77,747	100,681	110,269	112,664
Married sons and daughters of U.S. citizens (4th preference) [2]	8,350	3,623	4,818	11,404	15,714	10,752	15,979
Brothers and sisters of U.S. citizens (5th preference) [2]	52,279	48,374	69,579	97,454	92,227	90,167	92,212
Occupational preferences	34,016	29,334	23,585	30,877	37,709	44,369	44,311
Immigrants in professions (3d preference)	10,142	8,363	6,554	5,287	5,075	8,238	8,103
Other workers (6th preference)	8,786	6,724	4,673	8,888	11,623	12,599	11,873
Their spouses and children	15,088	14,247	12,358	16,702	21,011	23,532	24,335
Conditional entrants [3]	9,863	9,129	9,575	10,309	13,079	12,222	[3]329
Nonpreference (incl. private bill cases)	36,057	25,961	77,358	54,120	1,541	1,351	2,323
Natives of Western Hemisphere, their spouses and children	102,529	96,547	34,115	55,411	13,413	14,569	56,682
Cuban Refugee Act (Act of Nov. 1966) [4]	12,208	24,554	952	(x)	(x)	(x)	(x)
Other	178	91	131	90	7	112	188
Exempt from numerical limitations	86,043	104,633	185,815	260,338	180,870	241,160	266,191
Immediate relatives	79,213	91,504	105,957	125,819	138,178	151,131	147,148
Wives of U.S. citizens	36,276	33,719	36,104	49,151	46,902	90,887	87,221
Husbands of U.S. citizens	15,619	21,901	26,105	28,906	33,879		
Children of U.S. citizens	18,095	22,315	22,572	23,917	25,679	26,562	25,707
Orphans adopted abroad	(NA)	5,633	6,493	1,326	1,195	5,139	4,868
Parents of U.S. citizens	9,223	13,569	21,176	23,845	31,718	33,682	34,220
Cuban Refugee Act [4]	124	879	67,958	28,296	11,378	6,021	3,961
Indochinese Act, Oct. 1977	(x)	(x)	(x)	94,146	20,666	22,497	19,589
Refugee Act, Oct. 1978	(x)	(x)	(x)	(x)	(x)	46,058	15,756
Asylees, Refugee Act of March 1980	(x)	(x)	(x)	(x)	(x)	1,250	1,498
Special immigrants	1,844	2,854	1,997	1,907	2,374	3,142	3,255
Ministers of religion [2]	1,497	1,231	1,301	1,307	1,368	1,529	1,692
Employees of the U.S. Government abroad [2]	290	1,622	692	591	989	1,354	720
Other special immigrants	57	1	4	9	17	259	843
Children born abroad to resident aliens or subsequent to issuance of visa	3,012	3,636	3,550	3,625	3,294	4,059	3,021
Aliens adjusted [5]	1,543	591	661	439	262	254	165
Refugees, Act of March 1980	(x)	(x)	(x)	(x)	(x)	(x)	66,439
Spouses of U.S. citizens and their children, Act of April 7, 1970	9	5,057	5,598	6,006	4,647	6,612	5,211
Others not subject to numerical limitation	298	112	94	100	71	136	148

NA Not available. X Not applicable.

[1] From 1970 to December 1976, preference classifications were applied only to Eastern Hemisphere immigrants; see text, pp. 83 and 84. [2] Includes spouses and children. [3] Prior to 1981, conditional entrants were a 7th preference class. Data for 1981 reflect visas issued in 1980. [4] See text, Status of Cubans, p. 84. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations. [5] Under sections 244 and 249, Immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

NO. 125. IMMIGRANTS, BY COUNTRY OF BIRTH: 1951 TO 1981

[**In thousands.** For years ending **June 30** except, beginning **1977,** ending **September 30.** For definition of immigrants, see text, pp. 83 and 84]

COUNTRY OF BIRTH	1951–1960, total	1961–1970, total	1971–1980, total	1981
All countries	**2,515.5**	**3,321.7**	**4,493.3**	**596.6**
Europe [1]	**1,492.2**	**1,238.6**	**801.3**	**66.7**
Austria	29.7	13.7	4.7	.4
Belgium	12.9	8.5	4.0	.5
Czechoslovakia	28.8	21.4	10.2	.8
Denmark	13.7	11.8	4.5	.5
Finland	6.7	5.8	3.4	.3
France	38.0	34.3	17.8	1.7
Germany	345.5	200.0	66.0	6.6
Greece	48.4	90.2	93.7	4.4
Hungary	64.5	17.3	11.6	.6
Ireland	64.4	42.4	14.1	.9
Italy	188.0	206.7	130.1	4.7
Netherlands	47.2	27.8	10.7	.9
Norway	24.7	16.4	4.0	.3
Poland	128.0	73.3	43.6	5.0
Portugal	20.4	79.3	104.5	7.0
Romania	17.4	14.9	17.5	2.0
Soviet Union [2]	46.5	15.7	43.2	9.2
Spain	10.7	30.5	30.0	1.7
Sweden	18.9	16.7	6.3	.8
Switzerland	17.2	16.3	6.6	.6
United Kingdom	208.9	230.5	123.5	15.0
Yugoslavia	58.7	46.2	42.1	2.0
Asia [1]	**157.1**	**445.3**	**1,633.8**	**264.3**
China [3]	32.7	96.7	202.5	25.8
Hong Kong	3.1	25.6	47.5	4.1
India	3.1	31.2	176.8	21.5
Iran	2.5	10.4	46.2	11.1
Iraq	1.4	6.4	23.4	2.5
Israel	8.6	12.9	26.6	3.5
Japan	44.7	38.5	47.9	3.9
Asia—Con.				
Jordan	5.1	14.0	29.6	3.8
Korea	7.0	35.8	272.0	32.7
Lebanon	3.2	7.5	33.8	4.0
Philippines	17.2	101.5	360.2	43.8
Thailand	(NA)	5.0	44.1	4.8
Turkey	2.4	[4] 2.0	4.6	179.7	2.8
Vietnam				55.6
North America [1]	**769.1**	**1,351.1**	**1,645.0**	**210.4**
Canada	274.9	286.7	114.8	11.2
Mexico	319.3	443.3	637.2	101.3
Caribbean [1]	122.8	519.5	759.8	73.3
Barbados	1.6	9.4	20.9	2.4
Cuba	78.3	256.8	276.8	110.9
Dominican Republic	9.8	94.1	148.0	18.2
Haiti	4.0	37.5	58.7	6.7
Jamaica	8.7	71.0	142.0	23.6
Trinidad and Tobago	1.6	24.6	61.8	4.6
Central America [1]	44.6	97.7	132.4	24.5
El Salvador	4.8	15.0	34.4	8.2
Guatemala	4.1	15.4	25.6	3.9
Panama	9.7	18.4	22.7	4.6
South America [1]	**72.2**	**228.3**	**284.4**	**35.9**
Argentina	14.3	42.1	25.1	2.2
Brazil	8.9	20.5	13.7	1.6
Colombia	17.6	70.3	77.6	10.3
Ecuador	9.5	37.0	50.2	5.1
Guyana	1.0	7.1	47.5	6.7
Peru	5.7	18.6	29.1	4.7
Africa	**16.6**	**39.3**	**91.5**	**15.0**
Egypt	3.7	17.2	25.5	3.4
Australia	**3.7**	**9.9**	**14.3**	**1.3**
New Zealand	**1.3**	**3.7**	**5.3**	**.7**
Other countries	**3.3**	**5.5**	**17.7**	**2.2**

NA Not available. [1] Includes countries not shown separately. [2] Europe and Asia. [3] Includes Taiwan. [4] 1953–1960.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual, and releases.

NO. 126. IMMIGRANTS ADMITTED AS PERMANENT RESIDENTS UNDER REFUGEE ACTS, BY COUNTRY OF BIRTH: 1953 TO 1981

[For years ending **June 30** except, beginning **1977,** ending **September 30.** Covers immigrants who were allowed to enter U.S. under 1953 Refugee Relief Act and later acts; Hungarian parolees under July 1958 Act; refugee-escapee parolees under July 1960 Act; conditional entries by refugees under Oct. 1965 Act; Cuban parolees under Nov. 1966 Act; beginning 1978, Indochina refugees under Act of Oct. 1977; and beginning 1980, refugee-parolees under the Act of Oct. 1978, and asylees under the Act of March 1980]

COUNTRY OF BIRTH	1953–1960, total	1961–1970, total	1971–1980, total	1980	1981
Total	**271,852**	**212,843**	**539,447**	**88,057**	**107,573**
Europe [1]	**237,287**	**55,235**	**71,858**	**13,304**	**11,306**
Austria	5,675	233	185	10	5
Bulgaria	727	1,799	1,238	83	44
Czechoslovakia	4,808	5,709	3,646	618	428
Germany	22,914	665	143	12	26
Greece	18,834	586	478	114	187
Hungary	45,146	4,044	4,358	258	123
Italy	59,628	1,198	346	12	19
Netherlands	14,294	3,134	8	–	1
Poland	17,160	3,198	5,882	976	679
Portugal	3,634	1,361	21	4	6
Romania	5,418	7,158	6,812	1,088	1,222
Soviet Union	7,788	871	31,309	9,862	8,423
Spain	215	4,114	5,317	137	70
Yugoslavia	21,052	18,299	11,297	41	17
Other Europe	9,994	2,866	818	89	56
Asia [1]	**32,010**	**19,895**	**210,683**	**63,260**	**89,362**
China [2]	11,161	5,308	13,760	1,751	1,454
Indonesia	8,293	7,692	222	123	113
Japan	3,999	587	56	19	28
Kampuchea	–	–	7,739	2,716	12,642
Korea	3,116	1,316	65	10	12
Laos	–	–	21,690	13,843	15,727
Vietnam	2	7	150,266	41,537	53,463
Other Asia	5,439	4,985	16,885	3,261	5,923
North America	**663**	**132,068**	**252,629**	**10,247**	**5,030**
Cuba	6	131,557	251,514	10,056	4,815
Other N. America	657	511	1,115	191	215
South America	**64**	**123**	**1,244**	**423**	**227**
Africa	**1,711**	**5,486**	**2,991**	**806**	**1,643**
Other	**117**	**36**	**42**	**17**	**5**

– Represents zero. [1] Through 1970, Turkey included in Europe; thereafter, included in Asia. [2] Includes Taiwan.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual, and releases.

NO. 127. FOREIGN-BORN PERSONS IN THE U.S. BY COUNTRY OF BIRTH AND CITIZENSHIP STATUS: 1980

[Number of foreign-born persons as of April 1. Based on a sample from the 1980 census of population and subject to sampling variability. See text, p. 1 and Appendix III]

COUNTRY OF BIRTH	Foreign-born persons (1,000)	PERCENT BY YEAR OF IMMIGRATION					PERCENT BY CITIZENSHIP	
		1975-1980	1970-1974	1965-1969	1960-1964	Before 1960	Naturalized citizens	Not a citizen
Foreign-born in U.S., total	**14,079.9**	**23.7**	**15.8**	**12.8**	**9.4**	**38.2**	**50.5**	**49.5**
Europe	**4,743.6**	**8.1**	**7.5**	**9.9**	**9.2**	**65.2**	**72.3**	**27.7**
Austria	145.6	2.7	1.8	3.1	4.5	87.9	87.0	13.0
Azores	32.5	18.1	17.7	26.2	7.8	30.3	43.1	56.9
Belgium	36.5	10.6	4.6	6.0	8.7	70.2	72.4	27.6
Czechoslovakia	112.7	3.3	4.3	10.4	4.6	77.4	87.4	12.6
Denmark	42.7	8.4	3.9	6.3	8.8	72.4	72.5	27.5
Finland	29.2	10.4	4.7	7.1	7.9	69.9	69.4	30.6
France	120.2	13.9	7.2	10.1	13.7	55.0	64.1	35.9
Germany	849.4	5.2	4.4	8.0	12.6	68.8	78.6	21.4
Greece	211.0	12.9	19.1	19.9	7.9	40.3	65.0	35.0
Hungary	144.4	3.6	4.5	5.4	5.4	81.0	86.0	14.0
Ireland	197.8	3.7	3.6	5.1	9.4	78.1	81.2	18.8
Italy	831.9	4.0	8.1	10.0	8.1	69.8	77.4	22.6
Latvia	34.3	1.5	.9	1.6	2.7	93.2	80.6	19.4
Lithuania	48.2	1.5	1.2	1.8	3.0	92.6	83.9	16.1
Netherlands	103.1	8.3	4.4	7.3	13.9	66.1	68.2	31.8
Norway	63.3	5.9	2.3	3.8	5.7	82.3	77.8	22.2
Poland	418.1	6.0	5.0	6.3	8.2	74.5	77.8	22.2
Portugal	177.4	22.5	24.4	26.2	8.0	18.9	37.3	62.7
Romania	67.0	17.0	10.2	9.1	7.7	56.0	73.4	26.6
Spain	73.7	17.0	17.9	19.4	15.0	30.6	49.1	50.9
Sweden	77.2	7.9	2.8	4.3	4.5	80.5	76.8	23.2
Switzerland	42.8	14.3	5.8	8.0	9.5	62.4	67.8	32.2
United Kingdom [1]	669.1	12.7	7.0	10.8	10.7	58.8	60.0	40.0
England	442.5	14.3	7.6	11.2	10.8	56.1	58.0	42.0
Northern Ireland	19.9	8.3	7.0	8.7	11.0	65.0	66.0	34.0
Scotland	142.0	5.9	4.2	8.1	9.6	72.2	71.4	28.6
Wales	13.5	8.6	5.0	7.9	7.5	71.0	67.4	32.6
Yugoslavia	153.0	7.4	16.2	16.4	7.5	52.5	67.6	32.4
Other Europe	62.2	10.5	8.3	10.5	7.0	63.7	70.0	30.0
U.S.S.R.	**406.0**	**21.1**	**3.2**	**2.3**	**3.0**	**70.4**	**72.6**	**27.4**
Asia	**2,539.8**	**47.0**	**22.4**	**12.0**	**6.0**	**12.5**	**34.8**	**65.2**
China	286.1	27.2	20.3	17.1	10.1	25.2	50.3	49.7
Hong Kong	80.4	34.9	27.6	22.1	8.8	6.6	38.3	61.7
India	206.1	43.7	33.1	14.8	4.4	3.9	24.0	76.0
Iran	121.5	71.9	12.7	5.9	3.8	5.7	14.6	85.4
Israel	67.0	34.1	18.9	15.1	9.9	22.0	51.8	48.2
Japan	221.8	31.6	13.6	10.8	11.9	32.1	43.3	56.7
Korea	289.9	52.3	31.6	8.7	4.3	3.1	34.6	65.4
Lebanon	52.7	48.9	18.1	8.4	4.5	20.1	41.0	59.0
Philippines	501.4	34.4	29.2	17.0	5.5	13.8	44.7	55.3
Thailand	54.8	46.3	38.3	12.5	1.6	1.2	19.7	80.3
Turkey	51.9	22.7	15.4	12.6	8.6	40.7	54.6	45.4
Vietnam	231.1	90.5	7.1	1.8	.4	.2	11.1	88.9
Other Asia	375.1	59.0	18.5	9.2	5.8	7.6	26.8	73.2
North and Central America	**4,664.9**	**25.3**	**20.9**	**16.4**	**11.8**	**25.6**	**34.9**	**65.1**
Canada	842.9	9.8	5.4	9.1	11.1	64.7	61.0	39.0
El Salvador	94.4	51.3	25.9	11.1	5.7	6.1	14.3	85.7
Guatemala	63.1	40.1	29.2	18.3	6.0	6.4	17.9	82.1
Mexico	2,199.2	33.0	24.7	13.0	8.9	20.3	23.6	76.4
West Indies	1,258.4	18.6	24.1	27.7	17.8	11.9	38.9	61.1
Barbados	26.8	29.6	26.3	18.1	6.3	19.8	42.4	57.6
Cuba	607.8	6.3	20.5	32.2	26.2	12.8	45.1	54.9
Dominican Republic	169.1	31.0	25.8	24.9	12.3	6.1	25.5	74.5
Haiti	92.4	33.6	31.0	23.4	7.4	4.6	26.1	73.9
Jamaica	196.8	30.6	28.0	24.1	5.6	11.6	36.3	63.7
Trinidad and Tobago	65.9	27.6	34.2	25.8	5.0	7.4	29.3	70.7
Other West Indies	99.4	25.2	22.0	19.8	9.0	24.0	46.8	53.2
Other North and Central America	206.9	29.8	19.2	16.5	13.5	21.0	38.6	61.4
South America	**561.0**	**32.6**	**23.6**	**20.4**	**12.6**	**10.7**	**28.9**	**71.1**
Argentina	68.9	25.3	17.9	20.9	19.4	16.5	38.8	61.2
Brazil	40.9	32.1	16.0	18.4	12.9	20.6	35.3	64.7
Colombia	143.5	29.6	25.4	24.2	13.0	7.9	24.9	75.1
Ecuador	86.1	25.5	27.7	26.0	13.1	7.6	24.7	75.3
Guyana	48.6	46.1	26.3	17.5	3.1	7.0	31.2	68.8
Peru	55.5	31.7	27.7	15.9	15.0	9.7	28.8	71.2
Other South America	117.5	40.9	21.4	15.2	10.7	11.8	27.9	72.1
Africa	**199.7**	**43.9**	**21.2**	**11.9**	**7.3**	**15.7**	**37.0**	**63.0**
North Africa	71.5	35.1	19.3	17.4	10.6	17.6	51.3	48.7
Egypt	43.4	32.4	24.1	20.6	9.8	13.1	55.2	44.8
Other Africa	128.3	48.7	22.2	8.9	5.5	14.7	29.1	70.9
All other countries	**78.9**	**35.7**	**16.6**	**12.3**	**7.2**	**28.2**	**40.7**	**59.3**
Country not reported	**886.0**	**22.0**	**13.8**	**12.2**	**9.3**	**42.8**	**68.7**	**31.3**

[1] Includes areas not shown separately.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1980*, vol. I, chapter D (PC80-1-D1).

No. 128. Refugee Arrivals by Selected Country of Citizenship and State: 1980 to 1983

[For fiscal years]

STATE	SOUTHEAST ASIAN[1]			East Europe[2]/ Soviet Union,	Other,[3]
	1980	1982	1983	1983	1983
U.S	[4] 166,727	[4] 72,155	39,167	12,585	8,559
AL	853	462	174	29	42
AK	111	22	18	-	-
AZ	1,254	524	1,007	174	27
AR	1,112	337	110	22	11
CA	48,540	18,356	11,356	2,742	2,319
CO	2,792	956	435	83	92
CT	1,770	693	392	302	50
DE	72	23	2	9	12
DC	3,191	1,419	335	65	181
FL	2,926	1,651	773	232	607
GA	2,427	1,688	742	53	181
HI	2,385	642	333	-	17
ID	335	269	65	19	2
IL	7,012	2,753	1,319	1,102	645
IN	1,585	485	135	92	29
IA	2,837	709	270	44	5
KS	1,924	1,339	505	34	34
KY	790	682	126	30	24
LA	2,116	1,419	804	56	18
ME	278	222	138	54	90
MD	1,257	491	571	167	186
MA	3,748	2,929	1,742	441	80
MI	3,142	815	301	468	748
MN	7,425	2,000	1,321	208	112
MS	436	231	87	8	13
MO	1,713	1,157	394	277	154
MT	540	82	28	3	5
NE	741	461	89	115	42
NV	719	237	170	106	86
NH	130	144	121	7	-
NJ	1,613	686	415	365	201
NM	1,274	500	143	45	19
NY	5,938	3,592	1,867	2,688	918
NC	1,734	603	744	78	35
ND	331	218	34	71	13
OH	2,465	1,358	649	305	101
OK	2,204	1,036	526	44	15
OR	6,213	1,862	768	169	92
PA	6,689	2,903	1,365	440	97
RI	1,132	527	323	27	1
SC	573	363	96	19	5
SD	389	137	56	56	46
TN	2,032	794	474	24	55
TX	12,251	7,586	4,078	611	473
UT	3,568	774	554	130	15
VT	151	55	89	10	2
VA	3,153	1,916	1,149	126	481
WA	7,972	3,293	1,693	301	133
WV	213	85	11	15	3
WS	2,492	620	265	114	20
WY	113	19	4	5	22

- Represents zero. [1] Vietnam, Laos, and Kampuchea. [2] Czechoslovakia, Hungary, Poland, and Romania.
[3] Afghanistan, Iran, Iraq, Cuba, and Ethiopia. [4] Includes those whose destination is unknown.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, *Report to the Congress,* annual.

No. 129. Estimated Refugee Arrivals by Selected Country of Citizenship: 1982 and 1983

[For fiscal years]

COUNTRY OF CITIZENSHIP	1982	1983
Total	97,300	60,700
Afghanistan	4,250	2,900
Angola	100	-
Bulgaria	100	150
Cuba	500	650
Czechoslovakia	700	1,250
Ethiopia	3,150	2,550
Hungary	450	650
Iran	-	900
Iraq	2,000	1,600
Kampuchea	20,850	13,200
Laos	9,600	2,950
Poland	6,500	5,550
Romania	2,900	3,750
Soviet Union	2,750	1,400
Vietnam	41,700	23,050
Other[1]	1,750	150

- Represents zero. [1] Includes those from countries other than those listed, those whose country of citizenship is unknown, and those with no country of citizenship.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, unpublished data.

NO. 130. SOUTHEAST ASIAN REFUGEE RESETTLEMENT—ADJUSTMENT MEASURES BY LENGTH OF RESIDENCE: 1983

[**For persons 16 years old and over except as indicated.** Based on October 1983 survey of Southeast Asian refugees arriving from 1975 through April 1983, approximately 638,000. An additional 32,000 entered by December 1983]

ADJUSTMENT MEASURE	UNIT	LENGTH OF RESIDENCE						
		6 months or less	7–12 months	13–18 months	19–24 months	25–30 months	31–36 months	Over 36 months
Labor force participation	Rate	12.0	33.9	42.5	38.0	45.4	52.5	63.9
Unemployment	Rate	83.6	47.5	28.4	29.8	18.1	17.7	15.5
Weekly income [1]	Dol.	152	117	154	134	164	166	224
Being trained in English	Percent	57.9	53.1	35.6	38.5	32.6	35.9	14.6
Speaking no English [2]	Percent	16.8	20.4	13.3	12.4	21.2	19.9	8.5
Speaking English well [2]	Percent	27.6	18.4	37.9	38.7	30.1	38.9	62.8
Receiving cash assistance [3]	Percent	77.0	81.3	64.0	61.6	67.7	49.4	32.0

[1] For employed persons. [2] For all persons. [3] Persons in households receiving cash assistance.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, *Report to the Congress,* annual.

NO. 131. CUBAN ENTRANTS—SUMMARY: 1982

[**In percent, except as indicated.** Covers 124,789 Cubans entering the United States between April 21, 1980 and October 10, 1980, all of whom were classified as "entrants (status-pending)"]

ITEM	Arrivals	ITEM	Arrivals	ITEM	Resettlements [3] (1,000)
Total (number)	**124,789**	Education: [1]		**Total**	**[4] 123.5**
Sex:		None	14.8		
Male	69.6	1–6 years	33.1	By voluntary agencies	63.2
Female	30.3	7–8 years	6.7	Direct to relatives	60.3
Age:		9–12 years	26.4	Destination: [5]	
Under 18 years old	18.1	College	4.7	Florida	86.6
18–24 years	16.5	Unknown	12.5	New Jersey	8.0
25–29 years	16.0	Occupation: [2]		New York	6.4
30–34 years	13.6	Structural	30.6	California	5.7
35–44 years	17.6	Service	16.1	Texas	2.0
45–64 years	13.7	Prof./tech./managerial	11.9	Illinois	1.9
65 and over	3.9	Machine	10.6	Pennsylvania	1.1
Unknown	.6	Clerical/sales	5.4	Other	11.8

[1] Based on 79,467 responses collected at the Fort McCoy and Fort Chaffee processing centers. [2] Based on 39,229 codable responses, classified according to the U.S. Department of Labor's *Dictionary of Occupational Titles,* 1977. [3] As of December 31, 1982. [4] Excludes detainees in Federal corrections institutions and other Federal long-term care facilities. [5] Based on sponsor or location of relatives; does not reflect secondary migration.

Source: U.S. Department of Justice, Community Relations Service, unpublished data.

NO. 132. ENTRIES OF ALIENS AND CITIZENS OVER INTERNATIONAL LAND BOUNDARIES: 1950 TO 1982

[**In millions.** For years ending **June 30** except, beginning **1977,** ending **September 30.** Each entry of same person counted separately. Partially estimated]

YEAR	ALL ENTRIES			VIA CANADIAN BORDER			VIA MEXICAN BORDER		
	Total	Aliens	Citizens	Total	Aliens	Citizens	Total	Aliens	Citizens
1950	87.5	41.3	46.2	38.8	16.6	22.1	48.7	24.7	24.1
1955	119.8	61.6	58.2	48.0	24.8	23.2	71.8	36.8	35.0
1960	154.0	89.0	65.0	55.5	29.8	25.7	98.5	59.2	39.3
1965	175.8	101.8	74.0	59.8	33.3	26.5	116.0	68.5	47.5
1970	216.0	126.5	89.6	71.6	39.8	31.8	144.4	86.7	57.7
1973	238.3	138.4	99.9	77.4	42.5	34.8	160.9	95.8	65.1
1974	245.3	143.7	101.6	75.7	42.1	33.7	169.6	101.7	67.9
1975	236.8	141.1	95.7	78.4	43.6	34.8	158.4	97.5	60.9
1976	249.8	152.2	97.6	81.7	46.5	35.2	168.1	105.7	62.4
1977	242.4	150.3	92.1	85.6	49.9	35.7	156.8	100.4	56.4
1978	251.2	155.0	96.3	87.6	51.7	35.9	163.6	103.2	60.4
1979	245.2	152.3	92.9	81.5	47.8	33.7	163.7	104.5	59.2
1980	277.0	171.0	106.0	92.2	53.8	38.4	184.9	117.2	67.6
1981	289.1	176.3	112.8	98.9	57.1	41.9	190.1	119.2	70.9
1982	277.2	170.4	106.8	88.1	51.2	36.9	189.1	119.2	69.9

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

No. 133. Foreign Laborers Admitted, by Country of Last Permanent Residence: 1960 to 1982

[For years ending **June 30** except, beginning **1977,** ending **September 30.** Covers workers admitted after U.S. Dept. of Labor certification as to need for temporary agricultural workers. For data on temporary workers admitted under Immigration and Nationality Act, see table 137. Mexican agricultural laborers were employed under the provisions of Public Law 78 from 1949 until December 31, 1964. After that date, Mexican agricultural laborers, like workers from other countries, entered the United States under the immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the United States]

COUNTRY	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Total	[1] 447,207	155,761	47,483	25,434	21,671	18,679	18,213	16,548	16,190	10,334
Agricultural laborers:										
Mexico	427,240	[2] 103,563	-	-	-	-	-	-	-	-
Canada	7,804	8,149	3,156	970	399	312	287	391	454	506
West Indies	10,874	15,397	15,895	11,245	11,661	10,955	12,246	11,004	11,566	6,374
Japan	969	31	-	-	-	-	-	-	-	-
Spain (Basque sheepherders)	213	453	463	211	206	274	258	149	206	185
Others:										
Canadian woodsmen	(NA)	13,281	8,238	3,671	2,303	2,059	1,534	1,244	910	724
U.S. Virgin Island workers	(NA)	13,514	15,459	7,286	4,304	3,077	2,713	2,355	2,719	2,208
Workers admitted into Guam	-	1,373	4,272	2,051	2,798	2,002	1,175	1,405	335	337

- Represents zero. NA Not available. [1] Includes British Honduras, not shown separately.
[2] Includes 100,876 Mexican laborers admitted under Public Law 78 prior to Dec. 31, 1964.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

No. 134. Aliens Admitted and Expelled: 1951 to 1982

[**In thousands, except percent.** For years ending **June 30** except, beginning **1977,** ending **September 30.** See also *Historical Statistics, Colonial Times to 1970,* series C 144, C 149, and C 158-160]

STATUS	1951-1960	1961-1970	1971-1980	1970	1975	1978	1979	1980	1981	1982
Aliens admitted	**9,629**	**27,429**	(NA)	**4,805**	**7,470**	**9,945**	(NA)	(NA)	**12,251**	(NA)
Immigrant	2,515	3,322	4,494	373	386	601	460	531	597	(NA)
Nonimmigrant	7,113	24,107	[1] 64,314	4,432	7,084	9,344	[2] 7,060	(NA)	11,757	11,773
Aliens expelled	**4,014**	**1,431**	**7,478**	**320**	**679**	**1,004**	**992**	**736**	**837**	**824**
Deported	130	96	232	17	23	28	26	17	17	14
By cause (percent):										
Entry without inspection or by false statements	41.6	45.2	73.8	47.6	70.5	85.2	87.0	84.0	82.6	81.4
Failure to maintain or comply with conditions of nonimmigrant status	20.1	32.5	14.6	26.3	15.6	9.0	7.3	10.2	11.6	12.1
Criminal	5.2	3.8	1.1	1.6	1.0	.8	1.0	1.1	1.2	1.6
Violation of narcotic laws	.7	1.5	1.6	1.2	2.5	1.1	1.0	1.1	1.0	1.2
Previously excluded or deported	3.1	3.7	1.8	2.3	2.2	.8	.8	.8	.7	.6
Entry without proper documents	26.8	12.3	7.1	20.8	8.1	3.1	2.7	2.8	2.8	2.9
Other	2.6	.9	.1	.3	.1	.1	.1	.1	.1	.2
Required to depart	3,884	1,334	7,247	303	656	976	966	719	820	810
Deportable aliens located	**3,584**	**1,608**	**8,319**	**345**	**767**	**1,058**	**1,076**	**910**	**976**	**970**
Entry without inspection	(NA)	780	7,345	244	668	971	1,003	835	899	902
From Mexico	(NA)	756	7,463	240	655	949	978	817	883	893

NA Not available. [1] Covers 1971-June 30, 1979. [2] Includes only 9 months; Oct. 1, 1978-June 30, 1979.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

No. 135. Immigration and Nationality Violations—Summary: 1970 to 1983

[For years ending **June 30** except, beginning **1977,** ending **September 30**]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Prosecutions disposed of	**6,034**	**14,172**	**17,126**	**17,176**	**16,796**	**17,398**	**14,863**	**16,005**	**14,138**	**16,493**
Immigration violations	5,510	13,947	16,928	16,797	16,445	16,970	14,498	15,602	13,712	16,300
Nationality violations	524	225	198	379	351	428	365	403	426	193
Convictions	**5,497**	**12,811**	**15,772**	**15,388**	**15,348**	**15,463**	**12,935**	**12,771**	**10,320**	**11,233**
Immigration violations	4,991	12,676	15,653	15,223	15,140	15,163	12,678	12,509	10,058	11,101
Percent of prosecutions	90.6	90.9	92.5	90.6	92.1	89.4	87.4	80.2	73.4	68.1
Nationality violations	506	135	119	165	208	300	257	262	262	132
Percent of prosecutions	96.6	60.0	60.1	43.5	59.3	69.6	72.3	65.0	61.5	68.4
Aggregate fines ($1,000)	250	755	1,050	879	786	607	822	673	878	503
Aggregate imprisonment (years)	4,042	5,313	6,367	6,478	7,597	7,868	6,361	5,605	4,892	5,451

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

NO. 136. IMMIGRATION BORDER PATROL AND INVESTIGATION ACTIVITIES: 1970 TO 1983

[**In thousands, except as indicated.** For years ending **June 30** except, beginning **1977,** ending **September 30**]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
BORDER PATROL										
Border patrol agents:										
Authorized (number)	1,724	1,803	2,058	2,057	2,189	2,339	2,484	2,289	2,429	2,413
On duty (number)	1,708	1,708	1,193	1,990	2,075	1,909	2,329	2,218	2,186	2,291
Border patrol obligations ($1,000)	28,447	55,254	61,692	70,644	72,231	71,021	82,534	85,610	98,774	110,174
Persons apprehended [1]	233.9	602.2	701.6	820.4	870.6	896.9	766.6	833.2	828.0	1,115.4
Deportable aliens located	231.1	596.8	696.0	812.6	862.3	888.7	759.4	825.3	819.9	1,105.7
Mexican	219.3	579.4	678.4	792.6	841.5	866.8	734.2	797.9	795.4	1,076.3
Canadian	7.8	7.3	5.9	5.8	6.5	5.7	5.3	5.8	5.7	5.9
Other	4.1	10.1	11.7	14.2	14.3	16.2	19.9	21.6	18.8	23.5
Smugglers of aliens located	3.3	6.9	9.6	12.4	13.3	15.3	13.1	12.6	11.8	13.4
Smuggled aliens apprehended	18.7	80.4	82.9	138.8	159.2	172.7	112.6	90.1	80.4	86.7
Aliens located:										
Previously expelled	67.4	184.6	186.9	241.1	266.8	259.1	211.0	256.9	244.1	328.1
Previous criminal record	3.8	10.3	13.1	12.3	11.9	12.4	11.3	12.5	9.3	9.2
Conveyances examined	1,792	3,470	3,277	3,277	3,658	4,030	3,849	4,639	5,371	5,489
Automobiles	1,311	2,663	2,440	2,647	2,543	2,791	2,590	3,074	3,613	3,861
Persons questioned [2]	6,805	11,265	10,783	11,606	11,343	11,900	10,844	12,492	14,238	14,474
In automobiles	3,416	6,888	6,145	6,844	6,643	6,841	6,328	7,187	8,477	8,722
Pedestrians	1,661	2,056	2,293	2,333	2,186	2,314	1,706	1,862	1,965	2,119
Number of seizures	320	917	701	736	564	421	1,920	2,441	4,033	5,807
Value of seizures ($1,000)	4,547	28,654	18,019	19,557	8,348	9,967	116,115	17,348	15,178	43,536
Narcotics ($1,000)	3,865	26,302	16,035	17,071	6,251	8,448	110,272	10,236	5,242	28,729
INVESTIGATION										
Deportable aliens located	114.1	169.8	179.9	229.7	195.7	187.7	150.9	128.1	142.8	140.8
Mexican	58.1	100.9	103.1	162.2	135.1	132.1	83.3	76.2	92.1	96.0
Canadian	3.5	.9	1.7	1.8	1.8	1.7	1.5	1.5	1.6	1.5
Other	52.5	68.0	75.1	65.7	58.8	53.9	66.1	50.4	49.1	43.3

[1] Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations.
[2] Includes types not shown separately.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual and unpublished data.

NO. 137. NONIMMIGRANTS ADMITTED, BY CLASSES: 1970 TO 1982

[**In thousands, except as noted.** For years ending **June 30** except, beginning **1977,** ending **September 30.** For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149-157]

CLASS OF ADMISSION	1970	1975	1976	1977	1978	1979 [1]	1981	1982
Nonimmigrants	**4,431.9**	**7,083.9**	**7,654.5**	**8,036.9**	**9,343.7**	**7,060.1**	**[2]11,756.9**	**[2]11,779.4**
Temporary visitors, total	3,345.2	5,587.4	6,096.8	6,381.4	7,443.4	5,731.1	10,650.6	10,627.6
Percent of total	75.5	78.9	79.6	79.4	79.7	81.2	90.6	90.2
For pleasure	3,020.4	5,060.0	5,513.2	5,697.3	6,642.7	5,068.5	9,515.2	9,401.1
For business	324.8	527.4	583.6	684.1	800.7	662.6	1,135.4	1,226.4
Returning resident aliens [3]	493.5	800.0	844.3	897.7	1,053.6	790.9	(X)	(X)
Transit aliens	231.9	273.0	263.8	252.1	273.1	176.3	214.1	189.5
Foreign government officials [4]	50.5	68.4	77.0	71.2	83.8	48.2	84.7	91.1
Treaty traders and investors	19.2	35.0	37.4	44.0	50.4	37.0	80.8	94.7
Students [4]	107.3	118.0	133.0	171.0	206.7	120.6	271.9	294.6
Representatives to international organizations [4]	23.8	32.6	37.1	38.2	44.0	27.8	54.2	55.0
Temporary workers and industrial trainees	86.5	67.3	56.5	56.3	51.3	38.2	54.9	63.9
Workers of distinguished merit and ability	11.1	15.6	14.8	15.7	16.8	15.1	(NA)	(NA)
Other temporary workers	69.3	37.5	29.7	27.7	22.9	15.5	(NA)	(NA)
Industrial trainees	5.3	3.8	2.8	3.2	3.3	2.4	(NA)	(NA)
Their spouses and children	.8	10.6	9.2	9.7	8.3	5.3	10.1	11.5
Representatives of foreign information media	4.7	6.1	8.2	8.4	10.0	7.9	16.7	13.5
Exchange visitors [4]	66.6	63.4	62.8	71.5	75.1	42.3	108.0	115.4
NATO officials [4]	2.3	4.0	5.1	5.1	5.9	4.5	7.1	6.8
Fiances(ees) of U.S. citizens [5]	.1	6.4	6.2	7.2	6.4	7.6	6.2	7.5
Intracompany transferees [4]	.4	22.3	26.3	32.8	40.0	27.7	65.0	81.0

NA Not available. X Not applicable. [1] Includes only 9 months; Oct. 1, 1978–June 30, 1979. [2] Includes nonimmigrants admitted whose class was unknown. [3] For 1970–1979, returning resident aliens who had once been counted as immigrants were included with nonimmigrants. [4] Includes spouses and children. [5] Includes children of fiances(ees) of U.S. citizens.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 138. Nonimmigrants Admitted, by Country of Last Permanent Residence: 1975 to 1982

[**In thousands.** For **1975** year ending **June 30**, thereafter years ending **September 30.** For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. Students and others entering with multiple entry documents are only counted on the first admission. **1975** and **1978** include returning resident aliens admitted with documents in addition to the Alien Registration Receipt Card. Beginning **1981**, excludes returning resident aliens]

COUNTRY	1975	1978	1981	1982	COUNTRY	1975	1978	1981	1982
Total	**7,084**	**9,344**	**11,757**	**11,779**	**Europe** [1]	**1,625**	**2,485**	**4,537**	**4,280**
America [1]	**4,101**	**5,024**	**4,266**	**4,141**	Austria	22	33	58	56
Argentina	88	104	227	89	Belgium	35	62	118	94
Bahamas	85	128	172	205	Denmark	27	44	62	64
Brazil	99	91	201	251	France	174	272	441	467
Canada	345	420	135	129	Germany	320	482	754	716
Colombia	65	113	206	233	Greece	31	38	66	64
Dominican Republic	79	74	78	78	Ireland	29	43	101	98
Ecuador	26	58	82	65	Italy	113	155	264	270
Guatemala	28	51	83	93	Netherlands	79	139	217	211
Haiti	21	34	43	59	Norway	35	50	84	101
Jamaica	77	80	112	136	Poland	22	23	41	15
Mexico	1,979	2,101	1,767	1,548	Portugal	14	21	33	35
Panama	27	38	52	56	Spain	47	69	144	143
Peru	42	34	72	94	Sweden	57	96	174	177
Trinidad and Tobago	24	39	81	104	Switzerland	71	119	183	173
Venezuela	98	284	530	577	U.S.S.R. [3]	10	10	10	10
Asia [1]	**1,093**	**1,432**	**2,290**	**2,595**	United Kingdom	483	751	1,669	1,472
China [2]	20	38	111	142	Yugoslavia	16	20	29	24
Hong Kong	35	41	75	89	**Africa**	**63**	**116**	**225**	**224**
India	37	48	88	100	**Australia and New Zealand**	**172**	**256**	**339**	**385**
Iran	29	118	17	23	**Other countries**	**30**	**31**	**99**	**154**
Israel	51	71	131	135					
Japan	791	874	1,372	1,529					
Korea	20	32	77	102					
Philippines	32	52	100	114					

[1] Includes countries not shown separately. [2] Includes Taiwan. [3] Europe and Asia.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 139. Alien Naturalization—Declarations, Petitions, and Certificates: 1907 to 1981

[**In thousands.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** National data not compiled prior to 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 168 and C 180]

PERIOD OR YEAR	Declarations filed [1]	PETITIONS [2]		CERTIFICATES ISSUED				
		Filed	Denied	Total	Status		Sex	
					Civilian	Military	Male	Female
Total, 1907-1981	**8,804.8**	**10,934.6**	**491.6**	**[3] 10,460.7**	**9,841.8**	**618.9**	**4,845.1**	**4,022.9**
1907-1910	526.3	164.0	17.7	111.7	111.7	–	(NA)	(NA)
1911-1920	2,686.9	1,381.4	118.7	1,129.0	884.7	244.3	(NA)	(NA)
1921-1930	2,709.0	1,884.3	165.5	[3] 1,773.2	1,717.0	56.2	[4] 1,166.2	[4] 255.2
1931-1940	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	968.4	550.1
1941-1950	920.3	1,938.1	64.8	1,987.0	1,837.2	149.8	941.5	1,045.5
1951-1960	323.8	[5] 1,230.5	27.6	[5] 1,189.9	1,148.2	41.7	503.5	686.4
1961-1970	144.9	1,143.0	23.6	1,120.3	1,084.2	36.1	513.5	606.8
1971-1980	124.1	1,556.3	28.0	1,464.8	1,397.8	66.9	676.5	788.2
1950	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955	10.9	[5] 213.5	4.6	[5] 209.6	197.6	12.0	95.9	113.7
1960	16.3	127.5	2.3	119.4	117.8	1.6	50.9	68.5
1965	13.1	106.8	2.1	104.3	101.2	3.1	48.5	55.8
1970	18.8	114.8	2.0	110.4	99.8	10.6	52.7	57.7
1972	21.2	121.9	1.8	116.2	107.7	8.5	55.4	60.8
1973	17.4	126.9	1.7	120.7	112.9	7.8	56.9	63.8
1974	14.0	136.2	2.2	131.7	124.9	6.8	60.8	70.8
1975	12.2	149.4	2.3	141.5	135.3	6.2	66.6	75.0
1976	10.7	157.9	2.2	142.5	136.9	5.6	66.0	76.5
1977	7.5	186.4	2.8	159.9	154.7	5.3	73.4	86.5
1978	7.3	168.9	3.9	173.5	168.4	5.1	78.7	94.8
1979	6.0	165.4	4.0	164.2	158.3	5.9	74.7	89.4
1980	5.4	192.2	4.4	157.9	153.3	4.6	70.7	87.3
1981	4.9	171.1	4.3	166.3	162.2	4.1	75.6	90.8

– Represents zero. NA Not available. [1] Declaration of intention to become citizen.
[2] Petition for naturalization. [3] Includes certificates not distributed by sex.
[4] 1923-1930 only. [5] Includes aliens serving in U.S. Armed Forces who were naturalized abroad.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 140. Aliens Naturalized—Characteristics: 1960 to 1981

[For years ending **June 30** except, beginning **1977,** ending **September 30.** Includes U.S. outlying areas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series C 162-167 and C 170-171]

CHARACTERISTIC	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Total naturalized	**119,442**	**104,299**	**110,399**	**141,537**	**142,504**	**159,887**	**173,535**	**164,150**	**157,938**	**166,317**
Under general naturalization provisions [1]	91,548	76,630	79,761	113,289	114,653	131,331	143,133	132,533	129,404	139,909
Under special provisions	27,894	27,669	30,638	28,248	27,851	28,556	30,402	31,617	28,534	26,408
Married to U.S. citizens	19,799	16,602	14,899	15,416	15,138	15,394	16,207	15,293	13,904	14,147
Children of U.S. citizens [2]	6,149	7,914	5,023	6,568	7,038	7,787	9,035	10,408	9,960	8,083
Filipinos [3]	88	3	–	–	–	–	–	1	1	5
Military	1,594	3,085	10,616	6,214	5,631	5,305	5,126	5,874	4,595	4,090
Other	264	65	100	50	44	70	34	41	74	83
By sex and marital status:										
Males [4]	50,896	48,495	52,666	66,587	66,007	73,377	78,746	74,706	70,653	75,567
Single	14,341	15,358	14,196	17,789	16,973	18,709	20,186	20,445	18,296	19,635
Married	34,517	31,766	36,979	46,723	46,898	52,342	55,569	51,168	49,243	52,598
Widowed	1,183	593	397	401	370	381	406	427	523	535
Divorced	852	773	1,088	1,674	1,766	1,945	2,585	2,666	2,591	2,779
Females [4]	68,546	55,804	57,733	74,950	76,497	86,496	94,789	89,444	87,285	90,750
Single	10,330	11,746	11,458	15,392	15,977	17,677	19,641	19,718	18,652	19,002
Married	52,252	40,483	42,128	54,487	55,308	62,887	68,591	62,957	61,296	63,789
Widowed	4,694	2,416	2,240	2,171	2,082	2,343	2,322	2,476	2,884	3,088
Divorced	1,262	1,156	1,001	2,900	3,130	3,589	4,235	4,293	4,453	4,852
Males per 1,000 females	743	869	912	888	863	848	831	835	809	833
Median age (years)	38.0	34.1	35.1	34.9	35.2	35.4	35.3	34.7	35.1	35.1
Male (years)	38.9	34.6	35.4	35.7	36.0	36.0	35.9	35.1	35.8	35.5
Female (years)	37.3	33.7	34.8	34.3	34.5	34.8	34.8	34.5	34.7	34.8

– Represents zero. [1] See text, p. 84. [2] Includes adopted children.
[3] With U.S. residence beginning prior to May 1, 1934. [4] Through 1970 and beginning 1981, includes status unknown, not shown separately.
Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual; and releases.

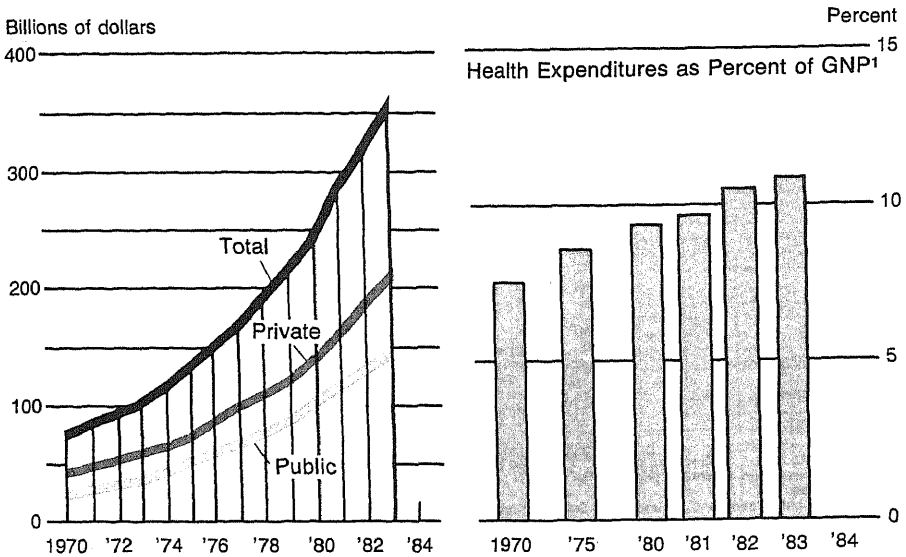
No. 141. Aliens Naturalized, by Country of Former Allegiance, and by State of Residence: 1975 to 1981

[For years ending **June 30** except, beginning **1980,** ending **September 30.** Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series C 169-179]

COUNTRY OF FORMER ALLEGIANCE	1975	1980	1981		STATE OR AREA OF RESIDENCE	1975	1980	1981	
			Number	Percent				Number	Percent
Total	**141,537**	**157,938**	**166,317**	**100.0**	**Total**	**141,537**	**157,938**	**166,317**	**100.0**
Canada	3,548	2,823	2,622	1.6	Arizona	1,088	1,044	1,518	.9
Central America [1]	2,773	4,195	4,755	2.9	California	26,834	39,424	35,077	21.1
China [2]	9,683	12,524	12,048	7.2	Colorado	878	1,478	1,644	1.0
Colombia	1,699	2,940	3,203	1.9	Connecticut	3,509	2,575	2,936	1.8
Czechoslovakia	1,738	775	553	.3	Florida	10,576	11,417	11,452	6.9
Egypt	1,988	1,213	988	.6	Georgia	853	985	673	.4
Germany	5,187	2,922	2,841	1.7	Hawaii	3,094	3,473	3,946	2.4
Greece	6,647	3,685	3,668	2.2	Illinois	9,707	8,039	5,527	3.3
India	2,720	6,552	7,233	4.4	Indiana	1,113	1,086	1,390	.8
Italy	8,798	5,410	4,287	2.6	Maryland	2,227	3,610	3,584	2.2
Israel	1,844	1,280	1,706	1.0	Massachusetts	5,448	6,269	6,942	4.2
Korea	6,007	14,703	13,258	8.0	Michigan	3,674	3,714	5,134	3.1
Mexico	5,781	9,341	9,545	5.7	Minnesota	1,011	1,515	1,730	1.0
Philippines	15,330	17,683	16,976	10.2	Missouri	983	1,062	1,196	.7
Poland	3,069	1,996	1,948	1.2	New Jersey	8,207	11,465	12,725	7.7
Portugal	3,728	3,631	3,237	2.0	New York	31,700	29,557	38,283	23.0
United Kingdom [3]	8,532	7,282	8,120	4.9	Ohio	3,741	2,916	3,809	2.3
Vietnam	1,369	1,828	8,846	5.3	Oregon	734	1,173	1,215	.7
Caribbean [1]	22,692	25,426	26,846	16.1	Pennsylvania	3,499	4,192	3,803	2.3
Cuba	15,546	12,717	11,329	6.8	Texas	4,569	4,705	5,628	3.4
Dominican Rep	1,518	3,392	5,720	3.4	Virginia	2,207	1,653	1,003	.6
Haiti	1,966	1,748	1,990	1.2	Washington	2,124	2,222	2,126	1.3
Jamaica	2,152	5,840	5,791	3.5	Wisconsin	992	1,237	1,352	.8
Other Caribbean	1,510	1,729	2,016	1.2	Guam	1,130	812	663	.4
Yugoslavia	3,273	2,021	1,925	1.2	Puerto Rico	1,625	1,265	1,683	1.0
Other	25,131	29,708	31,712	19.1	Other	10,014	11,050	11,278	6.8

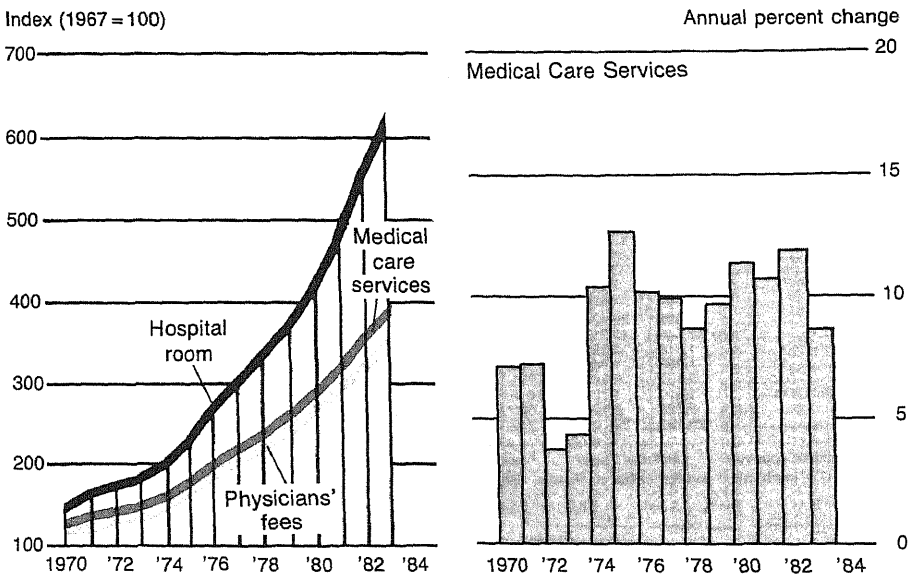
[1] Independent countries. [2] Includes Taiwan. [3] Includes colonies and dependencies.
Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual; and releases.

Figure 4.1
National Health Expenditures: 1970 to 1983

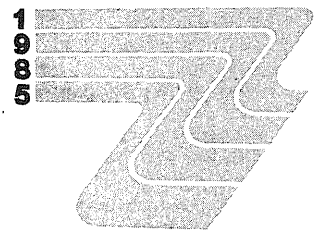


1 Gross national product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 142.

Figure 4.2
Indexes of Medical Care Prices: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 151.



Section 4

Health and Nutrition

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and chronic conditions; nutritional intake of the population; per capita food consumption; and Federal food programs. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States.* Data on national health expenditures, medical costs, and insurance coverage are compiled by the U.S. Health Care Financing Administration (HCFA), and appear in the *Health Care Financing Review,* issued quarterly. Statistics on health personnel and inpatient and outpatient facilities are collected by NCHS and are published in series 14 of *Vital and Health Statistics.* Statistics on hospitals are published annually by the American Hospital Association, Chicago, IL, in *Hospital Statistics.* Primary sources for data on nutrition and Federal food programs are the quarterly *National Food Review* and the annual *Agricultural Statistics,* both issued by the U.S. Department of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

National health expenditures.—The HCFA compiles estimates of national health expenditures (NHE) to measure spending for health care in the U.S. The NHE accounts are structured to show spending by type of expenditure (i.e., hospital care, physician care, dental care, other professional care, drugs and medical sundries, medical durable equipment, nursing home care and other personal health expenditures, plus non-personal health expenditures for such items as public health, research, construction of medical facilities, and administration) and by source of funding (e.g., private health insurance, direct payments, and a range of public programs including Medicare, Medicaid and Veterans Administration (VA)).

In all cases except private insurance (HCFA conducts its own survey of part of the health insurance industry), data used to estimate health expenditures come from existing sources which are tabulated for other purposes. The type of expenditure estimates rely upon statistics produced by such groups as the American Hospital Association, the Internal Revenue Service, the Department of Commerce, and the Department of Health and Human Services (HHS). Source of funding estimates are constructed using administrative and statistical records from: the Medicare and Medicaid programs, the Department of Defense and VA medical programs, the Social Security Administration, Census Bureau's *Governmental Finances,* State and local governments, and other HHS agencies. Detailed descriptions of sources and methods, along with the most recent analysis of health care expenditure estimates, are published in the *Health Care Financing Review's* annual article on national health expenditures.

Health resources.—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics,* and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. They are published in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, and hospital care are presented in NCHS series 13 and series 14, *Health Resources Utilization Data* and *Manpower and Facilities Data.* Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *Health Interview Survey.*

The Health Care Financing Administration's *Health Care Financing Review, Health Care Financing Program Statistics* and *Notes* series present data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Federal

Health Insurance for the Aged and Disabled program (Medicare) and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in the *Mental Health Statistics* reports, series CN, and the Mental Health Statistical Note series.

Institutional population data based on the decennial censuses of the population include information on persons in hospitals, in homes for the aged and dependent, and in other group quarters (see tables 72 and 73).

Disability and illness.—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological and psychological testing, are collected by NCHS in its National Health Interview Survey and its National Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics,* series 10 and 11, respectively. Morbidity data for members of the Armed Services are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics on industrial injuries (see Section 14). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report.* The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

Nutrition.—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published in *National Food Review.* Historical data can be found in *Food Consumption, Prices, and Expenditures,* issued annually. Data on the Federally Funded Food Distribution Program for Needy Families and Children, the National School Lunch Program, the Special Milk Program, and the Food Stamp Program are published annually in *Agricultural Statistics.*

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. **142.** NATIONAL HEALTH EXPENDITURES: 1960 TO 1983

YEAR	TOTAL [1]			HEALTH SERVICES AND SUPPLIES							
				Private				Public			
					Direct patient payments			Total [5]		Medical payments	
	Total (bil. dol.)	Per capita (dol.)	Percent of GNP [2]	Total [3] (bil. dol.)	Total (bil. dol.)	Percent of total private	Insurance premiums [4] (bil. dol.)	Total (bil. dol.)	Percent of total health exp.	Medicare (bil. dol.)	Public assistance (bil. dol.)
1960	26.9	146	5.3	19.6	13.0	66.3	5.8	5.6	20.8	(X)	.5
1965	41.9	207	6.1	29.5	18.5	62.8	10.0	8.9	21.0	(X)	2.1
1970	75.0	350	7.6	44.7	26.5	59.3	16.9	24.9	33.2	7.5	6.3
1971	83.5	386	7.7	48.9	28.1	57.4	19.3	28.4	34.1	8.3	8.1
1972	83.9	429	7.9	55.3	30.6	55.4	22.2	32.0	34.1	9.1	9.1
1973	103.4	468	7.8	60.7	33.3	54.8	24.7	35.8	34.6	10.1	10.3
1974	116.3	522	8.1	65.5	35.8	54.8	27.9	43.4	37.3	13.1	12.1
1975	132.7	590	8.6	73.0	38.0	52.1	33.2	51.3	38.7	16.3	15.1
1976	150.8	665	8.8	84.4	42.0	49.7	40.4	57.3	38.0	19.3	16.9
1977	170.2	743	8.9	96.6	46.4	48.0	48.0	64.4	37.8	22.5	18.9
1978	190.0	822	8.8	106.5	50.6	47.5	53.6	73.7	38.8	25.9	21.1
1979	215.1	920	8.9	120.4	55.8	46.4	62.0	84.2	39.1	30.3	24.3
1980	248.0	1,049	9.4	137.9	62.5	45.3	72.5	98.2	39.6	36.8	28.1
1981	285.8	1,197	9.7	159.0	70.8	44.5	84.8	113.7	39.8	44.8	32.3
1982	322.3	1,337	10.5	180.4	77.2	42.8	99.3	127.8	39.6	52.4	34.9
1983	355.4	1,459	10.8	199.8	85.2	42.6	110.5	140.3	39.5	58.8	37.2

X Not applicable. [1] Includes medical research and medical facilities construction. [2] GNP=Gross national product; see table 714. [3] Includes other sources of funds not shown separately. [4] See footnote 3, table 143. [5] Includes other programs, not shown separately.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Winter 1984.

No. 143. National Health Expenditures, by Type: 1970 to 1983

[**In millions of dollars, except percent.** See also *Historical Statistics, Colonial Times to 1970,* series B 248-261]

Type of expenditure	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total	**74,984**	**132,673**	**170,173**	**190,004**	**215,052**	**248,013**	**285,828**	**322,329**	**355,400**
Average annual percent change [1]	[2] 12.3	12.1	13.3	11.7	13.2	15.3	15.2	12.8	10.3
Private expenditures	**47,222**	**76,310**	**100,069**	**110,063**	**124,192**	**142,170**	**164,161**	**186,485**	**206,617**
Health services and supplies	44,662	72,975	96,603	106,531	120,433	137,890	159,004	180,362	199,789
Direct patient payments	26,498	38,036	46,400	50,642	55,836	62,477	70,785	77,233	85,203
Insurance premiums [3]	16,871	33,178	48,016	53,577	62,011	72,468	84,798	99,332	110,482
Other	1,293	1,761	2,187	2,312	2,586	2,944	3,421	3,798	4,105
Medical research	215	264	273	282	299	313	325	339	354
Medical facilities construction	2,345	3,072	3,193	3,250	3,460	3,967	4,832	5,784	6,474
Public expenditures	**27,762**	**56,363**	**70,104**	**79,941**	**90,860**	**105,843**	**121,667**	**135,844**	**148,783**
Percent Federal of public	63.6	65.8	67.6	67.3	67.2	67.1	68.7	68.7	69.0
Health services and supplies	24,922	51,297	64,402	73,710	84,189	98,200	113,662	127,762	140,349
Medicare [4]	7,496	16,317	22,525	25,932	30,336	36,819	44,754	52,371	58,828
Temporary disability insurance [5]	66	73	74	80	58	52	52	55	58
Workers' compensation (medical) [5]	1,409	2,432	3,191	3,663	4,493	5,162	5,674	5,998	6,423
Public assistance medical payments [6]	6,321	15,098	18,858	21,118	24,340	28,111	32,279	34,861	37,187
Defense Dept. hospital, medical	1,782	2,830	3,062	3,442	3,779	4,207	4,917	5,689	6,589
Maternal, child health programs	429	589	683	726	765	810	893	912	1,016
Public health activities	1,420	3,157	4,327	5,340	6,358	7,711	8,636	10,045	11,226
Veterans' hospital, medical care	1,764	3,495	4,400	4,984	5,313	5,941	6,624	7,125	7,660
Medical vocational rehabilitation	149	224	250	259	279	281	294	322	382
State and local hospitals [7]	3,320	5,230	4,871	5,660	5,829	6,093	6,420	7,230	7,923
Other [8]	767	1,851	2,163	2,505	2,639	3,012	3,119	3,155	3,057
Medical research	1,754	3,071	3,631	4,137	4,416	5,110	5,277	5,539	5,809
Medical facilities construction	1,086	1,995	2,071	2,093	2,255	2,532	2,728	2,543	2,625

[1] Change from prior year shown, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Change from 1965. [3] Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). [4] Represents expenditures for benefits and administrative cost from Federal hospital and medical insurance trust funds under old-age, survivors, disability, and health insurance programs; see text, p. 351. [5] Includes medical benefits paid under public law by private insurance carriers and self-insurers. [6] Payments made directly to suppliers of medical care. (Primarily Medicaid.) [7] Expenditures not offset by other revenues. [8] Covers expenditures for Alcohol, Drug Abuse, and Mental Health Administration; Indian Health Service; school health and other programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Winter 1984.

No. 144. National Health Expenditures, by Object: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series B 221-235]

Object of expenditure	Expenditure (bil. dol.)								Percent		
	1970	1975	1978	1979	1980	1981	1982	1983	1970	1980	1983
Total	**75.0**	**132.7**	**190.0**	**215.1**	**248.0**	**285.8**	**322.3**	**355.4**	**100.0**	**100.0**	**100.0**
Spent by—											
Consumers	43.4	71.2	104.2	117.8	134.9	155.6	176.6	195.7	57.8	54.4	55.1
Government	27.8	56.4	79.9	90.9	105.8	121.7	135.8	148.8	37.0	42.7	41.9
Philanthropy and industry	3.9	5.1	5.8	6.3	7.2	8.6	9.9	10.9	5.1	2.9	3.1
Spent for—											
Health services and supplies	69.6	124.3	180.2	204.6	236.1	272.7	308.1	340.1	92.8	95.2	95.7
Personal health care expenses	65.4	117.1	167.4	189.6	219.1	253.4	284.7	313.3	87.2	88.4	88.2
Hospital care	28.0	52.4	76.2	87.0	101.3	117.9	134.9	147.2	37.3	40.8	41.4
Physicians' services	14.3	24.9	35.8	40.2	46.8	54.8	61.8	69.0	19.1	18.9	19.4
Dentists' services	4.7	8.2	11.8	13.3	15.4	17.3	19.5	21.8	6.3	6.2	6.1
Other professional services [1]	1.6	2.6	4.1	4.7	5.6	6.4	7.1	8.0	2.1	2.3	2.3
Drugs and sundries	8.0	11.9	15.1	17.1	18.5	20.5	21.8	23.7	10.7	7.5	6.7
Eyeglasses and appliances [2]	1.9	3.2	4.1	4.7	5.1	5.6	5.5	6.2	2.6	2.1	1.8
Nursing home care	4.7	10.1	15.2	17.4	20.4	23.9	26.5	28.8	6.3	8.2	8.1
Other health services	2.1	3.8	4.8	5.1	5.9	7.0	7.6	8.5	2.8	2.4	2.4
Net cost of insurance and administration [3]	2.8	4.0	7.5	8.6	9.2	10.6	13.4	15.6	3.8	3.7	4.4
Government public health activities	1.4	3.2	5.3	6.4	7.7	8.6	10.0	11.2	1.9	3.1	3.2
Medical research	2.0	3.3	4.4	4.7	5.4	5.6	5.9	6.2	2.6	2.2	1.7
Medical facilities construction	3.4	5.1	5.3	5.7	6.5	7.6	8.3	9.1	4.8	2.6	2.6

[1] Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. [2] Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artifical limbs, crutches, wheelchairs, etc. [3] Administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Winter 1984.

No. 145. Health Services and Supplies—Per Capita National and Private Consumer Expenditures, by Object: 1970 to 1983

[**In dollars, except percent.** Based on Bureau of the Census data for total U.S. population as of July 1, including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970,* series B 222-232]

OBJECT OF EXPENDITURE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, national	**325**	**553**	**625**	**703**	**779**	**875**	**999**	**1,142**	**1,278**	**1,396**
Average annual percent change [1]	11.4	11.2	13.0	12.5	10.8	12.3	14.1	14.4	11.9	9.2
Hospital care	131	233	268	298	330	372	428	494	560	604
Physicians' services	67	111	122	139	155	172	198	229	256	283
Dentists' services	22	37	42	46	51	57	65	73	81	89
Other professional services [2]	7	12	14	16	18	20	24	27	30	33
Drugs and drug sundries	37	53	57	61	67	73	78	86	90	97
Eyeglasses and appliances [2]	9	14	15	16	18	20	22	24	23	26
Nursing home care	22	45	50	57	65	74	86	100	110	118
Other health services	10	17	18	19	21	22	25	29	32	35
Net cost of insurance and administration [2]	13	18	23	33	33	37	39	45	55	64
Government public health activities	7	14	17	19	23	27	33	36	42	46
Total, private consumer	**203**	**317**	**363**	**412**	**451**	**504**	**571**	**652**	**732**	**803**
Hospital care	60	102	122	135	148	169	195	226	256	276
Physicians' services	53	82	90	104	115	126	145	166	186	204
Dentists' services	21	35	40	44	49	55	63	70	78	87
Other professional services [2]	6	9	11	12	13	15	18	20	21	23
Drugs and drug sundries	35	49	52	56	61	67	72	78	82	89
Eyeglasses and appliances [2]	9	13	14	15	16	18	19	21	19	21
Nursing home care	11	19	22	25	29	32	38	46	54	60
Net cost of insurance	7	9	12	22	19	22	22	25	36	43

[1] Change from prior year shown; for 1970 from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] See footnotes for corresponding objects in table 144.

No. 146. Personal Health Care—Third Party Payments and Private Consumer Expenditures: 1970 to 1983

[**In millions of dollars, except percent**]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983
Personal health care expenditures [1]	65,350	117,124	167,363	189,640	219,144	253,408	284,728	313,345
Third party payments, total	**38,852**	**79,088**	**116,721**	**133,804**	**156,666**	**182,623**	**207,495**	**228,142**
Percent of total health care	59.5	67.5	69.7	70.6	71.5	72.1	72.9	72.8
Private insurance payments	15,320	31,225	49,084	56,914	67,288	78,758	90,761	99,995
Government expenditures	22,441	46,307	65,553	74,566	86,739	100,816	113,355	124,496
Philanthropy and industry	1,091	1,557	2,084	2,325	2,639	3,049	3,379	3,651
Private consumer expenditures [2]	**41,819**	**69,260**	**99,726**	**112,750**	**129,765**	**149,543**	**167,993**	**185,197**
Percent met by private insurance	36.6	45.1	49.2	50.5	51.9	52.7	54.0	54.0
Hospital care	12,865	22,913	34,183	39,440	46,046	53,922	61,763	67,307
Percent met by private insurance	75.2	82.0	83.8	83.8	83.7	83.0	83.3	83.5
Physicians' services	11,336	18,348	26,525	29,504	34,205	39,718	44,854	49,687
Percent met by private insurance	42.5	53.7	56.6	57.9	58.2	59.0	60.4	60.6

[1] See headnote, table 147. [2] Includes expenditures not shown separately. Excludes net cost of insurance.

No. 147. Personal Health Care Expenditures, by Object and Source of Payment: 1983

[**In millions of dollars, except as indicated.** Covers all expenditures for health services and supplies, except net cost of insurance and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

SOURCE	TOTAL EXPENDITURES		Hospital care	Physicians' services	Dentists' services	Other professional services	Drugs and drug sundries	Eyeglasses and appliances	Nursing home care	Other health services
	Total	Per capita [1] (dol.)								
Total	**313,345**	**1,286**	**147,216**	**69,022**	**21,790**	**8,033**	**23,745**	**6,238**	**28,838**	**8,463**
Direct patient payments	85,203	350	11,112	19,555	13,879	3,348	18,383	4,523	14,403	–
Third party payments	228,142	936	136,104	49,467	7,910	4,685	5,363	1,715	14,435	8,463
Private health insurance	99,995	410	56,196	30,131	7,353	2,144	3,234	668	269	–
Government	124,496	511	78,393	19,304	558	2,480	2,129	1,047	13,960	6,625
Philanthropy and industry	3,651	15	1,515	31	–	61	–	–	206	1,838
Private [2]	**188,849**	**775**	**68,823**	**49,718**	**21,232**	**5,553**	**21,616**	**5,191**	**14,878**	**1,838**

– Represents zero. [1] For basis of per capita figures, see headnote, table 145. [2] Covers direct patient payments, private health insurance, and philanthropy and industry.

Source of tables 145-147: U.S. Health Care Financing Administration, *Health Care Financing Review,* Winter 1984.

NO. 148. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES: 1980 AND 1983

[**In millions of dollars, except percent.** Excludes medical research and construction]

YEAR AND TYPE OF SERVICE	TOTAL [1]		FEDERAL		State and local	Medicare [2] (OASDHI)	Public assistance [3]	OTHER HEALTH SERVICES		
	Amount	Percent distribution	Total	Percent of total				Veterans	Defense Dept. [4]	Workers' compensation [5]
1980, total [1]	**98,200**	**100.0**	**65,830**	**67.0**	**32,370**	**36,819**	**28,111**	**5,941**	**4,207**	**5,162**
Hospital care	54,214	55.2	41,078	75.8	13,136	25,855	10,211	4,927	3,426	1,999
Physicians' services	12,619	12.9	9,652	76.5	2,967	7,906	2,597	59	121	1,660
Nursing home care	11,189	11.4	6,039	54.0	5,150	396	10,431	362	–	–
Drugs and sundries	1,614	1.6	804	49.8	809	–	1,489	13	14	78
Administration	3,749	3.8	2,023	54.0	1,726	1,118	1,266	49	32	1,226
Public health activities	7,711	7.9	1,265	16.4	6,447	–	–	–	–	–
1983, total [1]	**140,349**	**100.0**	**96,823**	**69.0**	**43,527**	**58,828**	**37,187**	**7,660**	**6,589**	**6,423**
Hospital care	78,393	55.9	60,570	77.3	17,824	40,370	14,220	6,299	5,301	2,575
Physicians' services	19,304	13.8	15,614	80.9	3,690	13,395	3,118	101	228	2,111
Nursing home care	13,960	9.9	8,056	57.7	5,904	529	12,889	542	–	–
Drugs and sundries	2,129	1.5	1,061	49.8	1,068	–	1,969	12	24	100
Administration	4,628	3.3	2,605	56.3	2,023	1,385	1,671	70	55	1,379
Public health activities	11,226	8.0	1,238	11.0	9,987	–	–	–	–	–

– Represents zero. [1] Includes other items not shown separately. [2] Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. [3] Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. [4] Includes care for retirees and military dependents. [5] Medical benefits.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Winter 1984.

NO. 149. FEDERAL OUTLAYS FOR HEALTH, BY TYPE OF PROGRAM: 1970 TO 1984

[For years ending **June 30** except, beginning **1980,** ending **September 30**]

TYPE OF PROGRAM	TOTAL OUTLAYS (mil. dol.)							OUTLAYS PER CAPITA [1]		
	1970	1975	1980	1981	1982	1983	1984, est.	1970	1980	1984, est.
Total outlays	**12,977**	**29,405**	**61,735**	**72,947**	**81,534**	**89,514**	**100,701**	**$64**	**$272**	**$427**
Medicare [2]	6,213	12,874	32,089	39,149	46,568	52,588	61,064	30	141	259
Health care services	3,057	9,563	17,985	21,202	21,782	23,037	24,647	15	79	104
Medicaid	2,727	6,840	14,028	16,948	17,391	18,985	20,237	13	62	86
Health block grants	–	–	–	–	663	1,273	1,313	–	–	6
Other	330	2,723	3,958	4,254	3,730	2,779	3,096	2	17	13
Hospital and medical care for veterans	1,800	3,665	6,515	6,965	7,517	8,272	8,972	9	29	38
Health research	1,054	1,835	3,442	3,836	3,948	3,973	4,434	5	15	19
National Institutes of Health	917	1,598	3,029	3,394	3,470	3,555	3,987	4	13	17
Other	137	237	413	442	478	418	447	1	2	2
Consumer safety	177	435	674	688	698	720	769	1	3	3
Education and training of health care work force	633	842	719	779	670	578	442	3	3	2
Research training	(NA)	(NA)	(NA)	236	195	194	205	(NA)	(NA)	1
Clinical training	(NA)	(NA)	(NA)	543	374	325	200	(NA)	(NA)	1
Other	(NA)	(NA)	(NA)	–	101	59	36	(NA)	(NA)	(Z)
Occupational safety and health	49	196	328	353	336	346	373	(Z)	1	2
Deductions for offsetting receipts	−6	−5	−17	−25	15	–	–	(Z)	(Z)	–

– Represents zero. NA Not available. Z Less than 50 cents. [1] Based on Bureau of the Census estimated resident population as of July. [2] Adjusted for premiums and collections.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual and unpublished document, "Federal Government Finances," February 1984 edition.

NO. 150. BENEFIT EXPENDITURES OF PRIVATE HEALTH INSURANCE ORGANIZATIONS: 1975 TO 1982

[**In millions of dollars.** For financial data on private health insurance organizations, see table 866]

TYPE OF PLAN	1975	1976	1977	1978	1979	1980	1981	1982			
								Total	Hospital care	Physicians' services	Dental care and other
Total	**30,072**	**35,471**	**40,013**	**45,044**	**50,176**	**58,619**	**66,773**	**76,551**	**44,944**	**21,676**	**9,931**
Blue Cross-Blue Shield	14,192	16,227	17,626	19,465	21,724	25,466	29,209	32,357	21,228	8,575	2,554
Insurance companies	13,157	15,493	17,206	19,057	20,145	21,678	23,266	26,198	15,774	7,520	2,904
Independent plans	2,723	3,751	5,181	6,522	8,307	11,475	14,298	17,996	7,942	5,581	4,473

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Winter 1984, and unpublished data.

No. 151. Indexes of Medical Care Prices: 1970 to 1984

[1967=100. Indexes are components of consumer price index; for explanation, see text, pp. 465 and 466. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series B 262-272]

YEAR	Index, total	MEDICAL CARE SERVICES					Medical care commodities [2]	AVERAGE ANNUAL PERCENT CHANGE					
		Total [1]	Professional services			Hospital room		Total	Medical care services				Medical care commodities [2]
			Total [1]	Physicians	Dental				Total [1]	Physicians	Dental	Hospital room	
1970	120.6	124.2	119.7	121.4	119.4	145.4	103.6	[3] 6.3	[3] 7.1	[3] 7.5	[3] 5.8	[3] 12.9	[3] 2.3
1971	128.4	133.3	127.5	129.8	127.0	163.1	105.4	6.5	7.3	6.9	6.4	12.2	1.7
1972	132.5	138.2	132.1	133.8	132.3	173.9	105.6	3.2	3.7	3.1	4.2	6.6	.2
1973	137.7	144.3	136.4	138.2	136.4	182.1	105.9	3.9	4.4	3.3	3.1	4.7	.3
1974	150.5	159.1	148.2	150.9	146.8	201.5	109.6	9.3	10.3	9.2	7.6	10.7	3.5
1975	168.6	179.1	164.5	169.4	161.9	236.1	118.8	12.0	12.6	12.3	10.3	17.2	8.4
1976	184.7	197.1	179.4	188.5	172.2	268.6	126.0	9.5	10.1	11.3	6.4	13.8	6.1
1977	202.4	216.7	194.1	206.0	185.1	299.5	134.1	9.6	9.9	9.3	7.5	11.5	6.4
1978	219.4	235.4	208.8	223.1	198.1	332.4	143.5	8.4	8.6	8.3	7.0	11.0	7.0
1979	239.7	258.3	226.8	243.6	214.8	370.3	153.8	9.3	9.7	9.2	8.4	11.4	7.2
1980	265.9	287.4	252.0	269.3	240.2	418.9	168.1	10.9	11.3	10.6	11.8	13.1	9.3
1981	294.5	318.2	277.9	299.0	263.3	481.1	186.5	10.8	10.7	11.0	9.6	14.8	10.9
1982	328.7	356.0	301.5	327.1	283.6	556.7	205.7	11.6	11.9	9.4	7.7	15.7	10.3
1983	357.3	387.0	323.0	352.3	302.7	619.7	223.3	8.7	8.7	7.7	6.7	11.3	8.6
1984, June	378.0	408.4	345.8	377.1	326.2	662.0	238.7	[4] 6.4	[4] 6.2	[4] 7.2	[4] 8.3	[4] 8.6	[4] 7.3

[1] Includes other services, not shown separately. [2] Prior to 1978, covers drugs and prescriptions only.
[3] Change from 1969. [4] Percent change, June 1983-June 1984.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Indexes for Selected Items and Groups*, monthly and annual averages.

No. 152. Persons With Health Care Coverage by Type of Coverage, 1980 to 1982, and by Poverty Status and Age, 1982

[**In thousands.** Persons as of **March** of following year who had coverage in year shown. See headnote, table 595. See also table 626. For explanation of poverty level, see text, p. 429]

TYPE OF COVERAGE	1980, total	1981, total	1982					
			Total	Below poverty level	Above poverty level	Under 18 yr. old	18-64 years old	65 yr. old and over
Medicare, total [1]	26,200	27,208	27,522	4,187	23,335	39	2,852	24,631
Medicare only	20,207	20,821	21,448	2,582	18,866	12	1,661	19,775
Medicare and other health plans [2]	2,451	2,703	2,734	84	2,650	13	597	2,124
Medicaid, total	18,966	19,407	18,914	12,629	6,285	8,190	7,900	2,824
Medicaid only	12,239	12,701	13,239	10,257	2,982	7,167	6,071	-
Medicaid and Medicare only	3,541	3,685	3,339	1,521	1,818	15	593	2,732
Medicaid and group health plan [3] only	2,673	2,523	1,871	661	1,210	887	984	-
Medicaid and other health plans	514	499	465	190	275	121	252	92
Employer or union provided group plan	137,307	136,740	135,404	5,359	130,045	38,955	94,520	1,928
Employer or union helped pay for plan	130,134	130,436	128,934	4,915	124,019	36,999	90,141	1,793
Paid for all of plan	58,107	58,096	57,287	1,941	55,346	15,395	41,040	852
Paid for part of plan	72,027	72,340	71,647	2,974	68,673	21,604	49,102	942
Employer or union did not help pay	7,173	6,304	6,470	444	6,026	1,956	4,379	135
CHAMPUS [4], V.A.[5] or military health care	8,456	10,432	9,980	868	9,112	2,579	6,707	695

- Represents zero or rounds to zero. [1] Includes Medicaid and Medicare only, shown under Medicaid. [2] Excluding Medicaid. [3] Employer or union provided. [4] Civilian Health and Medical Program of the Uniformed Services. The Dept. of Defense operates this program to provide reimbursement (after payment of a deductible) for covered medical care rendered in civilian facilities to wives and children of active military personnel, to retired military personnel and their dependents, and to dependents of deceased personnel. Program is designed for those unable to use Government medical facilities for reasons of distance, overcrowding, or the unavailability of appropriate treatment at a military medical center. [5] Veterans Administration.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 143 and earlier reports.

No. 153. Health Insurance Coverage, by Type of Coverage and Age: 1970 to 1982

[**In millions of persons.** Beginning 1975, data include Puerto Rico and other U.S. territories and possessions. Represents coverage by insurance companies, Blue Cross-Blue Shield and medical society approved plans, and other plans. See footnote 1, table 154]

TYPE OF COVERAGE	PERSONS UNDER 65 YR.				PERSONS 65 YR. AND OVER			
	1970	1975	1980	1982	1970	1975	1980	1982
Hospital expense	148.7	165.4	172.5	175.4	10.1	12.6	16.5	15.7
Surgical expense	142.8	158.5	166.1	168.9	8.6	10.4	12.1	11.4
Physician's expense	130.4	152.2	158.0	160.9	8.3	9.7	11.5	10.7
Dental expense	(NA)	(NA)	(NA)	100.0	(NA)	(NA)	(NA)	-

- Represents zero. NA Not available.

Source: Health Insurance Association of America, Washington, DC, *Sourcebook of Health Insurance Data*, annual through 1982-83 edition.

No. 154. Private Health Insurance—Persons Covered for Specified Benefits: 1960 to 1982

[**In millions, except percent.** As of **December 31.** Beginning 1975, includes Puerto Rico and outlying areas. For persons covered under Federal Government programs, see tables 152, 622, 626, and 628. See also *Historical Statistics, Colonial Times to 1970,* series B 401–412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1975	1978	1979	1980	1981	1982
Hospital expense:									
Persons covered, net [1]	122.5	138.7	158.8	178.2	186.2	186.8	189.0	188.3	191.1
Percent of population covered [2]	68.8	72.4	78.7	82.1	83.2	82.5	82.5	81.4	81.7
Blue Cross-Blue Shield plans	58.1	63.3	75.1	86.4	85.8	86.1	86.7	[3] 85.8	[3] 82.0
Insurance companies, net [1 4]	69.2	77.6	89.7	99.5	106.5	105.3	107.3	108.4	112.7
Group policies [4]	54.4	65.4	80.5	87.2	93.2	95.2	99.1	105.4	107.0
Individual and family policies	22.2	24.4	26.7	30.1	36.2	34.6	34.1	25.6	29.9
Other plans	6.0	7.0	8.1	13.1	[3] 21.5	[3] 25.5	[3] 33.2	[3] 40.3	[3] 48.2
Surgical expense:									
Persons covered, net [1]	111.5	130.5	151.4	169.0	174.7	177.1	178.2	176.9	180.3
Percent of population covered [2]	62.6	68.1	75.0	77.9	78.0	78.2	77.8	76.4	77.1
Blue Cross-Blue Shield plans	50.3	53.9	66.0	77.8	74.6	74.5	73.6	[3] 71.8	[3] 68.6
Insurance companies, net [1 4]	65.1	75.2	85.7	92.1	97.1	99.6	101.0	102.0	105.6
Group policies [4]	55.5	65.5	81.5	88.0	95.6	97.6	100.6	105.5	108.0
Individual and family policies	16.0	17.7	18.0	18.5	16.9	17.9	17.6	12.4	14.5
Other plans	7.3	8.7	10.5	15.8	[3] 25.0	[3] 29.1	[3] 36.9	[3] 44.8	[3] 52.7
Major medical expense: [5]									
Persons covered, net [1]	32.6	69.7	103.5	134.1	142.7	149.9	155.3	156.0	163.1
Blue Cross-Blue Shield plans	3.7	14.6	24.9	42.1	39.3	43.3	45.0	46.5	[3] 47.0
Insurance companies, net [1 4]	25.4	53.0	77.1	92.2	102.5	104.5	107.2	107.4	111.9
Group policies [4]	26.5	55.4	82.0	96.7	108.9	110.8	115.0	115.9	119.7
Individual and family policies	1.6	4.5	5.4	7.3	6.9	7.3	7.5	6.6	8.3
Other plans	(NA)	(NA)	(NA)	(NA)	[3] 17.2	[3] 21.1	[3] 27.7	[3] 33.7	[3] 42.1
Physician's expense:									
Persons covered, net [1]	83.2	109.6	138.7	168.3	166.8	167.2	169.5	164.1	171.6
Percent of population covered [2]	46.7	57.2	68.7	77.6	74.5	73.8	74.0	70.9	73.4
Dental expense:									
Persons covered, net [1]	(NA)	(NA)	12.0	30.3	58.8	71.5	80.1	86.3	100.0
Percent of population covered [2]	(NA)	(NA)	5.9	14.0	26.3	31.6	35.0	37.3	42.8

NA Not available. [1] Duplication among persons protected by more than one kind of insuring organization or more than one insurance company policy providing the same type of coverage has been eliminated. [2] Based on Bureau of the Census estimated civilian population as of July. [3] Estimated. [4] Includes persons covered under administrative service only and minimum premium plans. [5] Coverage provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness and is used to supplement basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances.

Source: Health Insurance Association of America, Washington, DC, *Source Book of Health Insurance Data,* annual through 1982–83 edition.

No. 155. Health Maintenance Organizations (HMO)—Number and Enrollment, by Type and Size of Organization: 1976 to 1983

[As of **June 30.** Under the Health Maintenance Organization Act, an HMO must have four characteristics: (1) an organized system for providing health care in a geographic area, for which the HMO is responsible for providing or otherwise assuring its delivery; (2) an agreed upon set of basic and supplemental health maintenance and treatment services; (3) a voluntarily enrolled group of people; and (4) community rating. A **group HMO** contracts with one or more medical groups to provide services to members and generally provides all services except hospital care under one roof. Data for *group model* HMOs include staff model HMOs (a model in which the HMO hires its own physicians) and network HMOs (an HMO that provides comprehensive health services to members in two or more distinct geographic areas. **Individual practice association (IPA) HMO** contracts with a physician organization that in turn contracts with individual physicians. IPA physicians provide care to HMO members from their private offices and continue to see their fee-for-service patients]

TYPE OF PRACTICE AND SIZE	1976	1977	1978	1979	1980	1981	1982	1983
NUMBER OF PLANS								
Total	175	165	203	215	236	243	265	280
Group	134	125	133	136	139	153	168	181
I.P.A.	41	40	70	79	97	90	97	99
Less than 15,000 members	128	108	127	135	144	131	122	137
15,000–24,999 members	15	18	37	34	36	41	46	42
25,000–49,999 members	12	13	16	25	28	39	46	61
50,000–99,999 members	7	4	5	7	15	15	13	19
100,000 members or more	10	11	12	14	13	17	18	21
ENROLLMENT (1,000)								
Total	6,016	6,331	7,471	8,226	9,100	10,266	10,831	12,491
Group	5,627	5,917	6,420	6,942	7,406	8,681	9,361	10,602
I.P.A.	390	413	1,051	1,284	1,694	1,582	1,471	1,889
Less than 15,000 members	620	590	703	733	870	836	839	874
15,000–24,999 members	297	365	725	683	732	799	919	842
25,000–49,999 members	365	415	548	827	907	1,305	1,561	2,062
50,000–99,999 members	525	308	399	430	976	1,038	852	1,257
100,000 members or more	4,210	4,495	5,095	5,553	5,615	6,289	6,660	7,455

Source: Group Health Association of America, Inc., Washington, DC, releases.

NO. 156. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1983

[**Covers civilians 16 years old and over.** Annual averages based on data collected by Bureau of the Census as part of Current Population Survey; see text, pp. 1 and 2 and Appendix III]

OCCUPATION	Number (1,000)	PERCENT— Female	PERCENT— Black	OCCUPATION	Number (1,000)	PERCENT— Female	PERCENT— Black
Total	**5,576**	**76.5**	**12.8**	Health technologists and technicians [1]	1,111	84.3	12.7
Health diagnosing occupations [1]	735	13.3	2.7	Clinical laboratory	255	76.2	10.5
Physicians [2]	519	15.8	3.2	Dental hygienists	66	98.6	1.6
Dentists	126	6.7	2.4	Radiology	101	71.7	8.6
Health assessment and treating occupations	1,900	85.8	7.1	Licensed practical nurses	443	97.0	17.7
Registered nurses	1,372	95.8	6.7	Health service occupations	1,739	89.2	23.5
Pharmacists	158	26.7	3.8	Dental assistants	154	98.1	6.1
Dietitians	71	90.8	21.0	Health aides, except nursing	316	86.8	16.5
Therapists	247	76.3	7.6	Nursing aides, orderlies, and attendants	1,269	88.7	27.3
Physician's assistants	51	36.3	7.7				
Managers, medicine and health	91	57.0	5.0				

[1] Includes other occupations not shown separately. [2] Medical and osteopathic.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* January 1984.

NO. 157. PHYSICIANS, DENTISTS, AND NURSES: 1960 TO 1982

[Physicians, dentists, and nurses as of **end of year.** Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series B 275-290]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Physicians, number	**1,000**	**275**	**305**	**348**	**409**	**438**	**454**	**472**	**487**	**505**	(NA)
Rate per 100,000 population [1]	Rate	151	155	168	187	196	201	207	211	217	(NA)
Doctors of medicine [2]	1,000	260	292	334	394	421	437	455	468	485	(NA)
Active (exc. in Federal service)	1,000	(NA)	255	282	338	362	381	399	418	425	(NA)
Rate per 100,000 population [3]	Rate	(NA)	131	138	156	163	170	176	182	184	(NA)
Active foreign medical school graduates [4]	1,000	(NA)	(NA)	(NA)	77	84	85	90	92	96	(NA)
Doctors of osteopathy	1,000	14	13	14	[5] 15	[5] 17	17	18	[5] 19	20	21
Medical and osteopathic schools	Number	91	93	107	123	126	134	138	140	142	142
Students	1,000	32.0	34.1	39.7	57.2	61.9	64.3	66.5	70.1	71.6	72.2
Graduates	1,000	7.5	7.8	8.8	13.4	14.5	15.4	16.0	16.8	17.0	17.7
Newly licensed physicians, total [4]	1,000	8.0	9.1	11.0	16.9	18.2	19.4	19.9	18.2	18.8	(NA)
Percent of total active M.D.'s	Percent	(NA)	3.3	3.5	4.6	4.6	4.8	4.8	4.2	4.2	(NA)
Graduates of—											
U.S. and Canadian medical schools	1,000	6.6	7.6	8.0	10.9	12.3	14.8	16.3	14.9	15.7	(NA)
Foreign medical schools	1,000	1.4	1.5	3.0	6.0	5.9	4.6	3.6	3.3	3.1	(NA)
Percent of total newly licensed	Percent	17.7	16.7	27.3	35.4	32.2	23.6	17.9	18.2	16.6	(NA)
Dentists, number	**1,000**	**105**	**112**	**116**	**127**	**133**	**136**	**138**	**141**	**144**	**147**
Active (exc. in Federal service)	1,000	85	90	96	107	113	115	118	121	124	127
Rate per 100,000 population [3]	Rate	47	47	47	50	52	52	53	54	54	55
Dental schools	Number	47	49	53	59	59	59	60	60	60	60
Students	1,000	13.6	13.9	16.0	20.1	21.0	21.5	22.2	22.5	22.6	22.2
Graduates	1,000	3.3	3.2	3.7	5.0	5.2	5.3	5.4	5.3	5.4	5.8
Nurses, number (active registered)	**1,000**	**527**	**621**	**750**	**961**	**1,028**	(NA)	(NA)	**1,273**	**1,316**	**1,357**
Rate per 100,000 population [1]	Rate	293	321	368	446	468	(NA)	(NA)	560	574	586
Nursing schools [6]	Number	1,114	1,180	1,330	1,349	1,339	1,340	1,354	1,360	1,377	1,406
Students [6]	1,000	118	135	163	248	245	239	235	231	235	242
Graduates [6]	1,000	30	35	46	77	78	78	77	76	74	74

NA Not available. [1] Based on Bureau of the Census resident population estimates as of July 1. [2] Excludes non-Federal physicians with temporary foreign addresses; see headnote, table 160. [3] Based on Bureau of the Census civilian population estimates as of July 1. [4] Foreign medical graduates exclude graduates of Canadian schools. Source: American Medical Association, Chicago, IL, *Physician Distribution and Medical Licensure in The U.S.,* annual through 1979; beginning 1980, *Physician Characteristics and Distribution in the U.S.,* annual. For newly-licensed physicians prior to 1975, and for 1980 and 1981, *Medical Licensure Statistics,* annual and *U.S. Medical Licensure Statistics, 1980-1981 and License Requirements, 1982,* respectively. All publications copyright. [5] Estimated. [6] Number of schools and students are as of October 15 and number of graduates are for academic year ending in year shown.

Source: Except as noted, U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data. Prior to 1978, data were published by U.S. National Center for Health Statistics in *Health Resources Statistics,* annual.

No. 158. Physicians, by Sex, Specialty, and Major Professional Activity: 1970 to 1981

[In thousands, except percent. As of December 31. Includes Puerto Rico and outlying areas]

Specialty	1970		1975, total	1980, total	1981						
					Total		Patient care				Other professional [2]
	Total	Percent			Number	Percent	Total	Office-based	Hospital-based		
									Full-time	Residents [1]	
Total	[3] 334.0	100.0	[3] 393.7	[3] 467.7	[3] 485.1	100.0	389.4	288.0	38.0	63.3	41.4
Male	(NA)	(NA)	358.1	413.4	425.6	87.8	343.9	263.6	31.8	48.5	35.9
Female	(NA)	(NA)	35.6	54.3	59.3	12.2	45.5	24.4	6.2	14.9	5.4
General practice	57.9	17.3	54.6	60.0	60.6	12.5	58.9	49.9	3.6	5.3	1.7
Medical [4]	77.2	23.1	95.1	125.8	132.0	27.2	113.8	82.0	10.4	21.4	18.2
Internal medicine	41.9	12.5	54.3	71.5	75.2	15.5	65.3	44.1	5.8	15.6	9.9
Pediatrics	17.9	5.4	21.7	28.3	29.6	6.1	26.4	18.6	2.6	5.3	3.1
Surgical [4]	86.0	25.8	96.0	110.8	113.7	23.4	109.4	86.1	5.7	17.6	4.3
General surgery	29.8	8.9	31.6	34.0	34.7	7.1	33.1	22.7	2.2	8.3	1.5
Obstetrics, gynecology	18.9	5.7	21.7	26.3	27.2	5.6	26.2	20.9	1.3	4.0	1.0
Orthopedic	9.6	2.9	11.4	14.0	14.6	3.0	14.2	11.6	.7	2.0	.4
Ophthalmology	9.9	3.0	11.1	13.0	13.3	2.7	12.7	11.3	.4	1.1	.5
Other [4]	89.6	26.8	94.6	118.3	124.4	25.6	107.2	70.0	18.2	19.0	17.2
Psychiatry	21.1	6.3	23.9	27.5	28.5	5.9	25.5	16.9	5.2	3.4	3.0
Anesthesiology	10.1	3.0	12.9	16.0	16.8	3.5	15.9	12.4	1.6	1.9	.9
Pathology	10.3	3.1	11.7	13.4	13.9	2.9	11.2	6.1	3.0	2.1	2.8
Radiology	10.5	3.1	11.5	11.7	10.9	2.2	10.0	7.7	1.7	.7	.9

NA Not available. [1] Includes interns. [2] Medical teaching, administration, research, and other.
[3] 1970 includes 19,621 inactive, 358 not classified, 3,204 address unknown; 1975, 21,449 inactive, 26,145 not classified, 5,868 address unknown; 1980, 25,744 inactive, 20,629 not classified, and 6,390 address unknown; and 1981, 35,011 inactive, 14,154 not classified, and 5,213 address unknown. [4] Includes other specialties not shown separately.

Source: American Medical Association, Chicago, IL, *Distribution of Physicians in the United States, 1970; Physician Distribution and Medical Licensure in the U.S., 1975;* and, beginning 1980, *Physician Characteristics and Distribution in the U.S.*, annual. (Copyright.)

No. 159. Active Non-Federal Physicians, 1970 and 1981, and Dentists, 1982—States

[See headnote, table 157. Excludes doctors of osteopathy, Federal physicians and dentists, and physicians with addresses unknown. Includes all physicians not classified according to activity status. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Physicians				Dentists, 1982	
	Total		Rate [1]			
	1970	1981	1970	1981	Total	Rate [1]
U.S	**279,212**	**420,890**	**139**	**185**	[2] **126,985**	**55**
Region:						
Northeast	87,840	114,414	180	233	32,661	66
Midwest	67,076	95,687	119	163	31,513	54
South	70,222	122,091	114	160	35,333	46
West	54,074	88,698	158	203	27,455	62
N. Eng	**20,455**	**29,993**	**174**	**242**	**8,167**	**66**
ME	972	1,684	99	150	504	45
NH	925	1,541	126	165	508	54
VT	755	1,096	170	212	275	53
MA	11,036	15,885	195	277	4,013	70
RI	1,355	1,985	148	210	533	56
CT	5,412	7,802	179	251	2,333	75
Mid. Atl	**67,385**	**84,421**	**182**	**230**	**24,494**	**67**
NY	40,730	47,431	224	271	12,928	74
NJ	9,770	14,273	137	193	4,824	65
PA	16,885	22,717	143	191	6,743	57
E. No. Cent	**48,224**	**68,413**	**120**	**164**	**22,192**	**53**
OH	13,387	17,750	126	165	5,394	50
IN	4,988	7,077	96	129	2,386	44
IL	14,462	21,217	131	186	6,404	56
MI	10,384	14,785	117	161	5,129	56
WI	5,003	7,584	113	160	2,879	61
W. No. Cent	**18,852**	**27,274**	**116**	**158**	**9,321**	**54**
MN	5,420	7,788	143	189	2,575	62
IA	2,733	3,681	97	126	1,519	52
MO	5,647	8,121	122	165	2,413	49
ND	542	890	89	137	320	48
SD	503	793	76	116	331	48
NE	1,581	2,326	107	148	1,002	64
KS	2,426	3,675	110	156	1,162	49
So. Atl	**37,588**	**66,496**	**125**	**179**	**18,249**	**48**
DE	662	991	126	168	279	47
MD	6,714	11,378	174	270	2,701	64
DC	2,745	3,338	368	534	636	103
VA	5,234	9,325	117	177	2,676	54
WV	1,706	2,681	98	137	797	41
NC	5,216	8,963	105	153	2,451	41
SC	2,194	4,189	87	134	1,242	39
GA	4,617	7,958	103	145	2,388	43
FL	8,480	17,673	127	175	4,878	47
E. So. Cent	**12,162**	**19,915**	**96**	**136**	**6,329**	**43**
KY	3,107	4,958	98	136	1,741	48
TN	4,433	7,280	114	158	2,226	48
AL	2,886	4,957	85	127	1,489	38
MS	1,737	2,720	79	108	872	34
W. So. Cent	**20,472**	**35,680**	**107**	**147**	**10,755**	**43**
AR	1,629	2,809	85	123	838	36
LA	4,141	6,706	115	157	1,808	42
OK	2,427	3,918	96	128	1,397	44
TX	12,275	22,247	111	152	6,712	44
Mt	**10,369**	**18,913**	**127**	**163**	**6,524**	**55**
MT	679	1,039	99	131	484	61
ID	624	1,023	88	107	496	51
WY	304	563	92	115	255	50
CO	3,627	5,702	168	194	1,929	64
NM	1,043	2,013	104	153	590	44
AZ	2,211	4,911	127	177	1,384	48
UT	1,377	2,471	130	163	979	63
NV	504	1,191	105	143	407	47
Pac	**43,705**	**69,785**	**168**	**217**	**20,931**	**64**
WA	4,658	7,490	139	179	2,890	68
OR	2,803	4,834	134	181	1,819	68
CA	34,981	55,041	179	230	15,221	62
AK	199	497	74	126	285	58
HI	1,064	1,923	149	208	717	76
PR	2,345	4,047	87	125	(NA)	(NA)
Outlying areas	[3] 145	170	[3] 55	46	(NA)	(NA)

NA Not available. [1] Per 100,000 civilian population. Based on U.S. Bureau of the Census estimates as of April 1 for 1970, and as of July 1 for 1981 and 1982. [2] Includes dentists not distributed by State. [3] Includes Canal Zone.

Source: American Medical Association, Chicago, IL, *Distribution of Physicians in the United States, 1970,* and *Physician Characteristics and Distribution in the U.S., 1982,* (Copyright) and American Dental Association, Chicago, IL, *Distribution of Dentists in the United States by Region and State* (Copyright).

NO. 160. PHYSICIANS, BY TYPE OF PRACTICE: 1965 TO 1981

[As of **December 31.** Includes Puerto Rico and outlying areas. 1965 data for doctors of medicine by type of practice not comparable with later years due to changes in classification. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,559 in 1975, 5,790 in 1977, 5,843 in 1978, 6,180 in 1979, 6,755 in 1980, and 6,259 in 1981]

TYPE OF PRACTICE	NUMBER (1,000)								PERCENT DISTRIBUTION			
	1965	1970	1975	1977	1978	1979	1980	1981	1965	1970	1975	1981
All physicians	**305.1**	**348.3**	**409.0**	**437.8**	**454.3**	**472.4**	**486.5**	**504.7**	**100**	**100**	**100**	**100**
Doctors of medicine	**292.1**	**334.0**	**393.7**	**421.3**	**437.5**	**454.6**	**467.7**	**485.1**	**96**	**96**	**96**	**96**
Active M.D.'s	277.6	311.2	366.4	382.0	401.4	417.3	435.5	444.9	91	89	90	88
Non-Federal [1]	268.1	301.3	359.7	390.4	408.0	427.1	443.5	460.1	88	87	88	91
Patient care	239.3	255.0	287.8	315.7	325.8	341.5	361.9	373.6	78	73	70	74
Office based [2]	185.3	188.9	213.3	231.1	238.9	248.9	271.2	286.5	61	54	52	57
General practice [3]	65.7	50.8	46.3	45.1	45.1	46.7	47.7	49.4	22	12	11	10
Specialty	119.6	138.1	167.0	186.0	193.8	202.2	223.5	237.1	39	40	41	47
Training programs	39.6	45.8	53.5	58.9	57.2	61.4	59.6	60.5	13	13	13	12
Full-time hospital staff	14.3	20.3	21.0	25.8	29.6	31.1	31.0	26.6	5	6	5	5
Other professional activity	15.5	26.3	24.3	27.9	29.8	33.7	35.2	37.3	5	8	6	7
Retired, not in practice	13.3	19.6	21.4	28.4	26.8	28.3	25.7	35.0	4	6	5	7
Federal	22.8	29.5	28.2	19.9	20.2	18.5	17.8	19.8	8	8	7	4
Patient care [4]	20.2	23.5	24.1	16.6	16.9	15.3	14.6	15.7	7	7	6	3
Full-time hospital staff	16.3	14.6	17.7	12.0	12.6	11.8	11.4	11.4	5	4	4	2
Other professional activity	2.7	6.0	4.1	3.3	3.3	3.2	3.2	4.1	1	2	1	1
Not reported [5]	1.2	3.2	5.9	10.9	9.3	9.0	6.4	5.2	(z)	1	1	1
Doctors of osteopathy [6]	**13.0**	**14.3**	**15.4**	**16.6**	**16.8**	**18.0**	**18.8**	**19.6**	**4**	**4**	**4**	**4**

Z Less than .5 percent. [1] Beginning 1970, includes physicians not classified. [2] Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement and those in industry, insurance companies, health depts., laboratories, etc. [3] Includes family practice. [4] Includes Federal physicians in office-based practice and training programs. [5] Physicians with unknown addresses. [6] Source, beginning 1970: American Osteopathic Association, Chicago, IL.

Source: Except as noted, 1965–1978, U.S. National Center for Health Statistics, *Health Resources Statistics,* annual through 1976, and 1978; beginning 1979, American Medical Association, Chicago, IL, *Physician Distribution and Medical Licensure in the U.S., 1979,* (copyright) and *Physician Characteristics and Distribution in the U.S.,* annual (copyright).

NO. 161. PHYSICIAN AND DENTAL VISITS: 1970 TO 1981

[Refers to the civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

SEX, RACE, AND AGE OF PATIENT	PHYSICIAN VISITS						DENTAL VISITS					
	1970	1975	1978	1979	1980	1981	1970	1975	1978	1979	1980	1981
Total visits [1] (million)	**927**	**1,056**	**1,017**	**1,022**	**1,036**	**1,039**	**304**	**341**	**342**	**366**	**364**	**380**
Male (million)	396	435	417	422	426	429	133	153	149	162	158	168
Female (million)	531	621	599	600	610	609	171	188	193	204	207	212
White [2] (million)	832	929	882	895	903	893	283	313	311	334	333	344
Black [2] (million)	87	116	122	112	115	122	17	23	26	26	26	29
Visits per person	**4.6**	**5.1**	**4.8**	**4.7**	**4.8**	**4.6**	**1.5**	**1.6**	**1.6**	**1.7**	**1.7**	**1.7**
Male	4.1	4.3	4.0	4.1	4.0	4.0	1.4	1.5	1.4	1.6	1.5	1.5
Female	5.1	5.7	5.4	5.4	5.4	5.2	1.7	1.7	1.7	1.8	1.8	1.8
White [2]	4.8	5.1	4.8	4.8	4.8	4.6	1.6	1.7	1.7	1.8	1.8	1.8
Black [2]	3.9	4.7	4.8	4.4	4.5	4.6	.8	1.0	1.0	1.0	1.0	1.1
Under 6 years	5.9	6.5	6.4	6.5	6.7	6.4	.5	.6	.6	.5	.5	.6
6–16 years	2.9	3.2	3.1	3.0	3.2	3.0	1.9	2.0	2.1	2.1	2.3	2.2
17–24 years	4.6	4.8	4.3	4.3	4.0	4.0	1.8	1.8	1.5	1.6	1.6	1.6
25–44 years	4.6	5.1	4.7	4.5	4.6	4.4	1.7	1.7	1.7	1.8	1.7	1.8
45–64 years	5.2	5.6	5.3	5.2	5.1	5.1	1.5	1.8	1.7	1.9	1.8	1.8
65 years and over	6.3	6.6	6.3	6.3	6.4	6.3	1.1	1.2	1.2	1.4	1.4	1.5

[1] Includes other races not shown separately. [2] See footnote 2, table 178.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

NO. 162. VISITS TO PHYSICIANS, BY TYPE OF VISIT, RACE, AND FAMILY INCOME: 1981

[Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

RACE AND FAMILY INCOME	Total [1]	Physicians' offices	Emergency room [2]	Phone consultation	RACE AND FAMILY INCOME	Total [1]	Physicians' offices	Emergency room [2]	Phone consultation
Visits, total [3] (mil.)	**1,039**	**720**	**137**	**120**	White—Con.:				
White (mil.)	893	633	99	112	$15,000–$24,999	100.0	70.2	9.6	14.4
Black (mil.)	122	71	33	6	$25,000 or more	100.0	73.5	9.6	12.2
Percent distribution:					Black	100.0	58.1	27.4	5.1
All races [3]	100.0	69.4	13.2	11.6	Under $5,000	100.0	51.2	34.1	3.4
White	100.0	70.9	11.1	12.6	$5,000–$9,999	100.0	54.6	32.3	5.2
Under $5,000	100.0	65.1	15.5	10.8	$10,000–$14,999	100.0	59.2	24.1	[4] 5.0
$5,000–$9,999	100.0	68.6	13.2	12.8	$15,000–$24,999	100.0	62.1	25.2	6.4
$10,000–$14,999	100.0	69.1	13.1	12.9	$25,000 or more	100.0	70.5	15.4	6.4

[1] Includes other types of visits, not shown separately. [2] Includes visits to hospital outpatient department. [3] Includes other races not shown separately. [4] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 163. Physician Liability Claims and Insurance Expenses: 1976–1981

[Based on a sample survey of 3,817 non-Federal patient care physicians, excluding residents. For composition of regions, see fig. I, inside front cover]

REGION AND TYPE OF PRACTICE	ANNUAL CLAIMS PER 100 PHYSICIANS		MEDICAL SPECIALTY	ANNUAL CLAIMS PER 100 PHYSICIANS		PERCENTAGE DISTRIBUTION OF PHYSICIANS BY LIABILITY INSURANCE EXPENSES, 1981 [2]			
	Prior to 1976 [1]	1976–1981		Prior to 1976 [1]	1976–1981	0–$4,000	$5,000–$9,000	$10,000–$19,000	$20,000 and over
All physicians	**2.9**	**6.2**	**All physicians**	**2.9**	**6.2**	**63.1**	**21.9**	**11.4**	**3.6**
Northeast	3.1	7.6	General/family practice	2.3	5.1	77.7	17.4	3.7	1.2
Midwest	2.5	6.2	Internal medicine	2.1	5.2	76.9	19.2	2.7	1.2
South	2.3	5.2	Surgical specialty	4.5	9.2	33.9	34.7	25.3	6.1
West	4.2	6.4	Pediatrics	1.5	3.6	93.1	5.6	.4	.9
			Obstetrics/gynecology	5.3	14.0	30.3	25.9	27.7	16.1
Solo	3.0	5.8	Radiology	3.1	5.9	56.4	34.6	7.3	1.8
Partnership	3.4	7.5	Psychiatry	1.0	1.9	95.0	3.6	1.4	-
Group	3.1	6.9	Anesthesiology	2.6	5.2	35.5	30.3	26.3	7.9
Other	1.9	4.9	Other	2.1	3.7	83.5	13.0	2.6	.9

- Represents zero. [1] Represents claims filed against physician over his/her work experience prior to 1976. [2] Covers self-employed physicians only. Annual expense data were rounded to the nearest thousand and then grouped in categories shown.

Source: American Medical Association, Chicago, IL, *SMS Report*, vol. 1, No. 7, October 1982. (Copyright.)

No. 164. Unincorporated and Incorporated Physicians and Dentists—Median Earnings From Practice: 1970 to 1982

[**In thousands of dollars.** Based on random sampling of office-based M.D.'s. 1982 data for physicians are based on 5,899 returned questionnaires (33.8 percent of all questionnaires mailed in 1983). *Unincorporated:* Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. For 1970, data relate to doctors of medicine (M.D.'s) under age 65 in private practice; 1975–1982, to office-based, patient-care M.D.'s of all ages. *Incorporated:* Applies to office-based, patient-care doctors of medicine (M.D.'s) of all ages who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. *Dentists:* Data cover gross income (total collected fees) minus professional expenses. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 918–919, for physicians and dentists]

FIELD OF PRACTICE	UNINCORPORATED							INCORPORATED					
	1970	1975	1978	1979	1980	1981	1982	1975	1978	1979	1980	1981	1982
Office-based M.D.'s, total [1]	**41.5**	**47.5**	**54.7**	**60.6**	**63.8**	**67.1**	**69.6**	**76.3**	**82.3**	**86.3**	**95.1**	**99.7**	**105.5**
General practitioners	37.4	38.6	45.7	50.5	54.2	56.4	61.0	59.2	71.0	70.8	74.7	76.3	80.2
Internists	41.3	53.7	53.7	69.3	63.9	68.2	78.9	71.1	73.6	79.8	80.6	89.1	95.6
General surgeons	45.0	53.7	62.5	65.8	83.3	78.9	73.1	83.3	88.8	88.6	101.8	102.6	105.2
Obstetricians-gynecologists	47.1	57.5	63.2	75.8	71.0	76.3	82.5	83.4	88.4	95.3	109.8	112.4	115.5
Pediatricians	35.9	43.5	49.1	53.7	56.7	56.2	60.8	58.6	67.1	67.0	74.0	74.7	78.2
Family practitioners	(NA)	48.2	58.1	67.3	66.3	59.8	71.4	61.9	66.9	68.0	75.6	77.9	80.5
All dentists [2]	**28.1**	[3] **40.0**	**39.9**	(NA)	(NA)	**45.0**	**46.0**	(NA)	**60.0**	(NA)	(NA)	**68.0**	**72.5**

NA Not available. [1] Includes specialties not shown separately. [2] Source: American Dental Association, Chicago, IL, *Survey of Dental Practice*, biennial (copyright). Incorporated included in unincorporated for 1970 and 1976. [3] 1976 data.

Source: Except as noted, Medical Economics Company, Oradell, NJ, *Medical Economics*. (Copyright © by Medical Economics Company; further reproduction prohibited without written permission of copyright owner.)

No. 165. Hospitals and Nursing Homes—Summary Characteristics: 1971 to 1982

[Based on National Master Facility Inventory; see Appendix III]

YEAR AND TYPE OF FACILITY	Total	FACILITIES UNDER—			FACILITIES WITH—			Residents [1] (1,000)	Full-time employees (1,000)
		Govt. control	Profit control	Non-profit control	6–24 beds	25–74 beds	75 or more beds		
1971: All facilities	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes	22,004	1,368	17,049	3,587	8,266	8,259	5,479	1,076	568
Hospitals	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
1976: All facilities	27,739	4,055	16,339	7,345	6,111	9,868	11,760	2,343	3,498
Nursing homes [2]	20,468	1,402	15,343	3,723	5,675	7,531	7,262	1,293	653
Hospitals	7,271	2,653	996	3,622	436	2,337	4,498	1,050	2,845
1978: All facilities	25,881	3,821	14,981	7,079	5,810	8,574	11,497	2,257	3,638
Nursing homes [3]	18,722	1,214	14,023	3,485	5,414	6,306	7,002	1,240	664
Hospitals	7,159	2,607	958	3,594	396	2,268	4,495	1,017	2,974
1980: All facilities	30,116	3,498	19,611	7,007	8,852	8,573	12,691	2,427	3,919
Nursing homes [4]	23,065	936	18,669	3,460	6,498	6,362	8,205	1,396	[5] 798
Hospitals	7,051	2,562	942	3,547	354	2,211	4,486	1,031	3,121
1982: All hospitals [6]	7,031	2,472	998	3,561	323	2,141	4,567	1,034	3,276
General	6,116	2,082	751	3,283	284	1,875	3,957	828	2,915
Psychiatric	525	283	148	94	13	122	390	157	251
Chronic	46	28	4	14	-	8	38	14	17
Tuberculosis	10	8	-	2	-	2	8	1	2

- Represents zero. [1] Number of residents as of date of interview. [2] See footnote 1, table 174. [3] Includes 1976 data for California, District of Columbia, New York and North Carolina. [4] Includes 1978 data for Alaska and South Dakota and excludes hospital-based nursing homes. [5] Estimated. [6] Includes types not shown below.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual through 1976 and 1978. Beginning 1979, unpublished data.

No. 166. Hospitals—Summary Characteristics, by Type of Service and Control: 1960 to 1982

[Covers hospitals accepted for registration by American Hospital Association; see text, page 95. Short-term hospitals have an average patient stay of less than 30 days; long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. See also *Historical Statistics, Colonial Times to 1970*, series B 305-318, B 331-344, and B 413-422]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Number:										
All hospitals	6,876	7,123	7,123	7,156	7,099	7,015	6,988	6,965	6,933	6,915
With 100 beds or more	2,903	3,153	3,488	3,691	3,757	3,750	3,749	3,755	3,804	3,807
Non-Federal	6,441	6,680	6,715	6,774	6,722	6,645	6,627	6,606	6,585	6,569
Short-term general and special	5,407	5,736	5,859	5,979	5,973	5,935	5,923	5,904	5,879	5,863
Nongovernmental nonprofit	3,291	3,426	3,386	3,364	3,371	3,360	3,350	3,339	3,356	3,354
For profit	856	857	769	775	751	732	727	730	729	748
State and local government	1,260	1,453	1,704	1,840	1,851	1,843	1,846	1,835	1,794	1,761
Long-term general and special	308	283	236	215	189	169	165	157	146	138
Psychiatric	488	483	519	544	541	526	527	534	549	558
Tuberculosis	238	178	101	36	19	15	12	11	11	10
Federal	435	443	408	382	377	370	361	359	348	346
Beds (1,000):										
All hospitals	1,658	1,704	1,616	1,466	1,407	1,381	1,372	1,365	1,362	1,360
Rate per 1,000 population [1]	9.3	8.9	7.9	6.8	6.4	6.2	6.1	6.0	6.0	5.9
Beds per hospital	241	239	227	205	198	196	196	196	196	197
Non-Federal	1,481	1,530	1,455	1,334	1,284	1,259	1,255	1,248	1,246	1,246
Short-term general and special	639	741	848	947	974	980	988	992	1,007	1,015
Rate per 1,000 population [1]	3.6	3.9	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Nongovernmental nonprofit	446	515	592	659	680	684	690	693	706	712
For profit	37	47	53	73	80	81	83	87	88	91
State and local government	156	179	204	215	214	215	214	212	213	212
Long-term general and special	67	66	60	51	45	41	40	39	35	34
Psychiatric	722	685	527	330	261	235	224	215	202	195
Tuberculosis	52	37	20	6	3	3	2	2	2	1
Federal	177	174	161	132	124	122	117	117	116	114
Occupancy rate: [2]										
All hospitals	84.6	82.3	80.3	76.7	75.8	75.5	76.1	77.7	77.9	77.4
Non-Federal	(NA)	(NA)	(NA)	76.3	75.4	75.2	75.9	77.4	77.8	77.2
Short-term general and special	74.7	76.0	78.0	74.8	73.6	73.5	73.8	75.4	75.9	75.2
Nongovernmental nonprofit	76.6	77.8	80.1	77.4	76.3	76.1	76.5	78.2	78.5	77.8
For profit	65.4	68.6	72.2	65.9	64.6	63.8	63.9	65.2	66.4	65.5
State and local government	71.6	72.8	73.2	69.7	68.3	68.7	69.1	70.7	71.2	70.7
Long-term general and special	86.9	85.3	82.0	82.1	84.3	84.0	86.1	85.9	86.2	87.9
Psychiatric	93.1	88.6	84.8	80.3	80.7	80.9	83.2	85.2	85.9	86.1
Tuberculosis	75.4	70.0	61.8	57.7	60.4	59.9	61.8	67.0	66.5	62.3
Federal	87.2	86.1	79.6	80.7	79.6	78.4	78.2	80.1	79.0	79.4
Expenses (bil. dol.): [3]										
All hospitals	8.4	12.9	25.6	48.7	63.6	70.9	79.8	91.9	107.1	123.2
Non-Federal	7.3	11.4	23.1	44.2	57.5	64.2	72.5	84.0	98.5	113.7
Short-term general and special	5.6	9.1	19.6	39.1	51.8	58.3	66.2	77.0	90.7	105.1
Nongovernmental nonprofit	4.1	6.6	14.2	28.0	37.5	42.3	48.0	55.8	66.3	76.9
For profit	.3	.5	1.1	2.6	3.7	4.2	4.8	5.8	6.9	8.2
State and local government	1.2	2.0	4.3	8.6	10.6	11.9	13.4	15.3	17.6	20.1
Long-term general and special	.3	.4	.6	1.0	1.1	1.1	1.1	1.2	1.3	1.5
Psychiatric	1.2	1.7	2.7	4.0	4.5	4.7	5.1	5.8	6.4	7.0
Tuberculosis	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1
Federal	1.1	1.6	2.5	4.5	6.2	6.7	7.3	7.9	8.6	9.5
Personnel (1,000): [4]										
All hospitals	1,598	1,952	2,537	3,023	3,213	3,280	3,382	3,492	3,661	3,959
Non-Federal	1,412	1,754	2,321	2,766	2,935	3,002	3,109	3,213	3,378	3,656
Short-term general and special	1,080	1,386	1,929	2,399	2,581	2,662	2,762	2,879	3,039	3,312
Nongovernmental nonprofit	792	1,011	1,387	1,714	1,863	1,927	2,000	2,087	2,213	2,424
For profit	48	70	97	139	159	165	174	189	203	223
State and local government	241	306	444	546	559	571	588	602	622	665
Long-term general and special	55	65	69	68	63	58	61	56	61	61
Psychiatric	238	274	305	292	287	278	282	275	275	281
Tuberculosis	39	29	18	7	5	4	3	3	3	3
Federal	186	199	216	256	278	277	273	279	283	302
Personnel per 100 patients: [4]										
All hospitals	114	139	196	269	301	315	324	329	345	376
Non-Federal	113	140	198	272	303	317	327	333	348	380
Short-term general and special	226	246	292	339	360	370	379	385	398	434
Nongovernmental nonprofit	232	252	292	336	359	370	379	385	399	438
For profit	196	218	256	288	307	319	326	334	348	374
State and local government	215	234	298	365	382	387	398	401	411	443
Long-term general and special	95	115	140	162	167	168	174	170	200	200
Psychiatric	35	45	68	110	136	147	151	150	158	167
Tuberculosis	99	111	146	216	227	246	252	290	287	334
Federal	120	133	169	240	282	290	298	297	310	335

NA Not available. [1] Based on Bureau of the Census estimated resident population as of July 1. [2] Ratio of average daily census to every 100 beds. [3] Excludes new construction. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual. (Copyright.)

NO. 167. HOSPITAL FACILITIES—TOTAL, 1960 TO 1982, AND STATES AND PUERTO RICO, 1982

[Short-term hospitals have an average stay of less than 30 days. See also *Historical Statistics, Colonial Times to 1970,* series B 305-308 and B 359-362]

YEAR AND STATE OR OTHER AREA	NUMBER OF HOSPITALS		BEDS (1,000)		PATIENTS ADMITTED (mil.)		AVERAGE DAILY CENSUS [2] (1,000)		OCCUPANCY RATE [3]		Personnel [4] (1,000)	Total outpatient visits (mil.)
	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]		
1960	6,876	5,407	1,658.0	639.1	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598	(NA)
1965	7,123	5,736	1,703.5	741.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952	125.8
1970	7,123	5,859	1,615.8	848.2	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537	181.4
1971	7,097	5,865	1,555.6	866.5	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589	199.7
1972	7,061	5,843	1,549.7	883.7	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671	219.2
1973	7,123	5,891	1,534.7	903.3	34.4	31.8	1,189.0	681.5	77.5	75.4	2,769	233.6
1974	7,174	5,977	1,512.7	931.2	35.5	32.9	1,187.4	701.3	77.2	75.3	2,919	250.5
1975	7,156	5,979	1,465.8	947.0	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023	254.8
1976	7,082	5,956	1,433.5	961.2	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108	271.0
1977	7,099	5,973	1,407.1	973.9	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213	263.8
1978	7,015	5,935	1,380.6	979.7	37.2	34.6	1,041.9	719.9	75.5	73.5	3,280	263.6
1979	6,988	5,923	1,371.8	987.7	37.8	35.2	1,043.4	729.0	76.1	73.8	3,382	262.0
1980	6,965	5,904	1,364.5	992.0	38.9	36.2	1,059.7	748.3	77.7	75.4	3,492	262.9
1981	6,933	5,879	1,361.5	1,006.7	39.2	36.4	1,060.9	764.4	77.9	75.9	3,661	265.3
1982, U.S	**6,915**	**5,863**	**1,359.8**	**1,015.2**	**39.1**	**36.4**	**1,052.7**	**763.3**	**77.4**	**75.2**	**3,959**	**313.7**
Alabama	146	130	25.9	20.0	.8	.8	19.8	14.8	76.5	74.0	68	4.0
Alaska	25	16	1.7	1.0	.1	(Z)	1.1	.7	63.3	65.4	5	1.2
Arizona	80	59	12.1	9.5	.4	.4	8.6	6.7	71.2	71.0	41	5.0
Arkansas	97	92	13.6	11.4	.5	.4	9.7	7.8	71.3	68.4	35	1.9
California	593	502	111.5	83.2	3.4	3.2	80.3	56.8	72.0	68.3	358	31.2
Colorado	97	81	15.1	11.8	.5	.4	11.3	8.4	74.6	71.7	48	6.6
Connecticut	65	41	18.2	11.0	.5	.4	15.3	8.9	84.0	81.2	56	4.9
Delaware	14	8	4.0	2.1	.1	.1	3.5	1.8	88.6	85.0	11	.9
District of Columbia	17	12	8.8	4.7	.2	.2	7.1	3.9	81.7	82.8	33	2.3
Florida	253	217	59.6	48.4	1.9	1.8	45.4	35.8	76.1	74.0	170	10.8
Georgia	191	165	33.0	25.0	1.1	1.0	24.3	17.6	73.5	70.4	93	7.9
Hawaii	27	19	4.1	2.8	.1	.1	3.3	2.3	81.1	80.8	14	1.4
Idaho	52	47	4.0	3.5	.1	.1	2.7	2.3	66.0	65.9	11	1.0
Illinois	281	245	71.2	57.8	2.0	1.9	53.7	42.4	75.4	73.4	215	15.3
Indiana	133	115	31.9	24.3	.9	.9	25.2	19.0	78.9	78.0	90	6.7
Iowa	139	128	20.5	16.6	.6	.5	14.8	11.5	72.1	69.4	52	3.0
Kansas	166	149	18.5	14.0	.5	.4	13.0	9.1	70.3	65.2	48	3.4
Kentucky	118	106	18.8	15.5	.7	.7	14.7	12.2	78.4	78.3	53	4.4
Louisiana	157	138	26.0	19.1	.8	.8	19.1	13.4	73.4	70.1	72	6.2
Maine	47	43	6.6	5.0	.2	.2	5.0	3.6	76.4	71.9	20	2.6
Maryland	85	55	24.9	15.4	.6	.6	20.6	12.6	82.7	81.9	75	6.4
Massachusetts	178	118	41.4	25.9	.9	.9	34.6	21.4	83.6	82.6	144	12.4
Michigan	233	205	48.3	39.8	1.5	1.4	38.1	30.7	78.8	77.2	157	14.0
Minnesota	182	170	29.3	23.5	.7	.7	21.9	17.0	74.8	72.2	74	3.2
Mississippi	118	108	17.5	13.0	.5	.5	12.8	9.1	73.4	69.5	40	2.8
Missouri	169	149	34.2	27.5	1.0	.9	25.8	20.1	75.3	73.3	102	7.5
Montana	67	60	5.2	4.5	.1	.1	3.6	3.0	68.5	67.0	11	.9
Nebraska	110	100	11.8	10.1	.3	.3	8.3	7.0	69.9	68.7	30	1.8
Nevada	25	19	3.6	3.2	.1	.1	2.5	2.2	69.0	68.8	12	1.0
New Hampshire	34	29	4.7	3.5	.1	.1	3.6	2.6	75.9	73.5	14	1.3
New Jersey	131	102	42.4	30.5	1.1	1.1	35.3	24.9	83.3	81.6	114	9.4
New Mexico	57	42	6.3	4.4	.2	.2	4.6	3.1	73.2	71.0	19	2.9
New York	344	273	125.9	79.9	2.8	2.6	110.6	69.8	87.9	87.3	357	29.1
North Carolina	159	133	32.5	24.1	1.0	.9	25.4	18.5	77.9	76.6	89	6.1
North Dakota	59	52	6.0	4.8	.2	.1	4.1	3.2	67.7	67.3	14	.9
Ohio	237	204	62.7	50.9	1.9	1.8	50.1	40.2	79.9	79.0	199	13.5
Oklahoma	142	122	17.7	13.7	.6	.5	12.3	10.0	69.7	69.9	52	3.6
Oregon	83	75	11.9	9.0	.4	.4	8.3	6.0	69.8	66.4	36	2.5
Pennsylvania	310	248	82.9	57.3	2.1	2.0	68.2	46.1	82.3	80.4	241	21.7
Rhode Island	21	14	5.9	3.5	.1	.1	5.0	3.0	85.2	84.9	20	1.5
South Carolina	91	75	17.1	12.1	.5	.4	13.3	9.1	77.4	75.4	44	4.5
South Dakota	68	57	5.7	4.4	.1	.1	3.9	3.0	68.8	67.3	13	.9
Tennessee	164	147	31.8	25.6	1.0	1.0	24.0	19.1	75.6	74.7	85	4.5
Texas	561	497	84.6	64.7	2.8	2.6	62.5	46.5	73.9	71.9	237	16.6
Utah	42	37	5.3	4.3	.2	.2	3.8	3.1	72.8	71.4	19	1.9
Vermont	19	16	2.9	2.2	.1	.1	2.2	1.7	75.9	75.1	9	.6
Virginia	137	103	31.6	21.8	.9	.8	24.9	17.0	78.8	77.7	85	6.8
Washington	121	106	15.7	12.5	.6	.6	11.6	8.8	73.7	71.0	53	5.3
West Virginia	76	66	12.9	10.4	.4	.4	9.8	7.8	76.0	75.1	35	2.7
Wisconsin	163	141	29.0	23.9	.8	.7	21.3	17.0	73.5	71.3	79	5.7
Wyoming	31	27	2.7	1.8	.1	.1	1.8	1.1	64.8	59.1	6	.6
Puerto Rico	62	56	10.9	8.7	.4	.4	8.0	6.2	73.3	70.9	25	5.1

NA Not available. Z Less than 50,000. [1] Non-Federal hospitals. [2] Inpatients receiving treatment each day; excludes newborn. [3] Ratio of average daily census to every 100 beds. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics,* annual. (Copyright.)

No. 168. Average Cost To Community Hospitals per Patient: 1970 to 1982

[**In dollars, except percent.** Average cost per day and average cost per stay cover non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis hospitals and, beginning 1972, hospital units of institutions). Total cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.). Data have been adjusted for outpatient visits]

TYPE OF EXPENSE AND HOSPITAL TYPE	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Average cost per patient day, total	**74**	**83**	**95**	**102**	**114**	**134**	**153**	**174**	**194**	**217**	**245**	**284**	**327**
Annual percent change [1]	12.7	13.2	13.7	8.0	10.8	17.8	14.2	13.9	11.7	11.8	12.8	16.0	15.1
Nongovernmental nonprofit	75	86	95	103	113	133	153	175	195	218	246	286	330
For profit	71	81	92	99	109	133	156	177	202	226	257	299	340
State and local government	71	77	94	102	115	136	151	171	189	212	239	274	312
Labor expenses per day as percent of total expenses: [2]													
All community hospitals	(NA)	63.6	62.6	61.7	60.7	59.3	57.8	57.5	57.1	57.0	56.3	56.6	56.7
Nongovernmental nonprofit	(NA)	63.6	62.9	62.2	60.9	59.8	59.1	58.2	57.9	57.6	57.2	57.4	57.5
For profit	(NA)	55.4	58.8	52.3	51.6	48.6	46.4	46.3	45.2	46.4	45.7	46.9	46.8
State and local government	(NA)	65.9	63.6	62.8	62.4	60.9	57.1	58.7	58.6	58.3	57.3	57.5	57.6
Average cost per patient stay, total	**605**	**667**	**749**	**799**	**886**	**1,030**	**1,176**	**1,322**	**1,474**	**1,642**	**1,851**	**2,171**	**2,501**
Nongovernmental nonprofit	615	693	763	811	896	1,040	1,208	1,363	1,515	1,684	1,902	2,226	2,573
For profit	486	538	607	666	729	876	1,032	1,168	1,317	1,476	1,676	1,953	2,226
State and local government	614	642	754	799	887	1,031	1,133	1,262	1,399	1,561	1,750	2,072	2,364

NA Not available. [1] For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown. For 1970, change from 1965. [2] Covers payroll and employee benefit expenses.

No. 169. Average Daily Hospital Room Charges, 1983, and Average Cost to Community Hospitals per Patient, 1982—States

[**In dollars.** Average daily room charges cover non-governmental short-term general hospitals and represent average cost to patient for a semi-private room. See headnote, table 168]

STATE	Average daily room charge,[1] 1983	Average cost per day, 1982	Average cost per stay, 1982	STATE	Average daily room charge,[1] 1983	Average cost per day, 1982	Average cost per stay, 1982	STATE	Average daily room charge,[1] 1983	Average cost per day, 1982	Average cost per stay, 1982
U.S.	**195**	**327**	**2,501**	KY	151	261	1,741	ND	146	244	2,074
AL	157	276	1,979	LA	150	337	2,131	OH	209	325	2,617
AK	234	508	2,975	ME	196	296	2,270	OK	155	333	2,156
AZ	178	410	2,652	MD	178	329	2,743	OR	212	382	2,269
AR	135	253	1,668	MA	203	370	3,293	PA	238	320	2,715
CA	266	507	3,311	MI	241	357	2,835	RI	187	332	2,826
CO	197	336	2,362	MN	168	257	2,415	SC	127	251	1,867
CT	192	354	2,741	MS	106	227	1,589	SD	155	217	1,885
DE	213	302	2,462	MO	176	328	2,610	TN	132	275	1,966
DC	273	459	4,008	MT	181	226	1,863	TX	146	307	2,032
FL	169	335	2,501	NE	147	260	2,188	UT	168	376	2,038
GA	135	284	1,887	NV	210	494	3,102	VT	188	256	2,103
HI	216	307	2,561	NH	194	288	2,040	VA	155	282	2,238
ID	176	266	1,752	NJ	173	280	2,335	WA	207	376	2,146
IL	226	369	2,955	NM	183	317	2,144	WV	162	271	1,948
IN	172	287	2,242	NY	197	312	3,032	WI	159	283	2,349
IA	167	260	2,071	NC	132	258	1,930	WY	146	303	1,665
KS	167	292	2,278								

[1] As of July. Source: Health Insurance Association of America, Washington, DC, *Source Book of Health Insurance Data*, 1984 update.

No. 170. Hospital Use Rates, by Type of Hospital: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series B 384-387]

TYPE OF HOSPITAL	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Non-Federal short-term: [1]										
Admissions per 1,000 population [2]	128	137	140	156	156	156	157	159	159	157
Admissions per bed	36	36	34	35	35	35	36	36	36	36
Average length of stay [3] (days)	7.4	7.7	8.2	7.7	7.6	7.6	7.6	7.6	7.6	7.6
Outpatient visits per admission	(NA)	(NA)	4.5	5.9	5.9	6.0	5.8	5.7	5.7	6.9
Outpatient visits per 1,000 population [2]	(NA)	(NA)	641	911	929	930	908	913	901	1,084
Surgical operations (million)	(NA)	(NA)	(NA)	16.7	17.2	17.2	18.3	18.8	19.2	19.6
Number per admission	(NA)	(NA)	(NA)	.5	.5	.5	.5	.5	.5	.5
Psychiatric:										
Admissions per 1,000 population [2]	2.3	2.9	3.3	3.2	3.0	2.9	2.8	2.8	2.7	2.7
Days in hospital per 1,000 population [2]	1,491	1,261	862	490	385	345	334	326	304	292

NA Not available. [1] General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. [2] Based on Bureau of the Census estimated resident population as of July 1. [3] Number of inpatient days divided by number of admissions.

Source of tables 168-170: Except as noted, American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright), and unpublished data.

No. 171. Hospital Utilization Rates, by Sex, 1965 to 1982, and Age and Diagnosis, 1982

[Covers estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

Year, patient's age class, and first-listed diagnosis	Patients discharged (1,000)	Patients discharged per 1,000 persons [1]			Days of care per 1,000 persons [1]			Average stay (days)			Beds used per day [2]
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1965	28,792	152	121	180	1,186	1,018	1,339	7.8	8.4	7.4	325
1970	29,127	144	118	169	1,122	982	1,251	8.0	8.7	7.6	321
1974	33,018	156	128	182	1,208	1,066	1,340	7.7	8.3	7.4	338
1975	34,043	159	131	186	1,227	1,079	1,366	7.7	8.2	7.4	344
1976	34,372	159	132	185	1,206	1,065	1,337	7.6	8.1	7.2	339
1977	35,902	165	137	191	1,203	1,064	1,333	7.3	7.8	7.0	339
1978	35,616	162	135	186	1,188	1,052	1,315	7.4	7.8	7.1	336
1979	36,747	165	137	191	1,185	1,045	1,315	7.2	7.7	6.9	335
1980	37,832	168	139	194	1,217	1,068	1,356	7.3	7.7	7.0	337
1981	38,544	169	140	197	1,218	1,072	1,354	7.2	7.7	6.9	334
1982, total [3]	**38,593**	**168**	**139**	**195**	**1,186**	**1,045**	**1,318**	**7.1**	**7.5**	**6.8**	**325**
Under 1 year	932	256	292	219	1,702	1,928	1,464	6.6	6.6	6.7	466
1–4 years	1,082	79	91	66	285	323	246	3.6	3.6	3.7	78
5–14 years	1,640	48	53	44	196	217	173	4.1	4.1	4.0	54
15–24 years	5,439	134	71	196	601	428	773	4.5	6.0	4.0	165
25–34 years	6,353	164	88	238	811	552	1,060	4.9	6.3	4.5	222
35–44 years	3,762	135	111	158	852	729	970	6.3	6.6	6.1	233
45–64 years	8,688	196	196	195	1,537	1,522	1,550	7.9	7.8	8.0	421
65 years and over	10,697	399	428	379	4,026	4,188	3,918	10.1	9.8	10.3	1,103
Diseases of heart	3,477	15	17	14	135	142	129	8.9	8.5	9.4	37
Malignant neoplasms	1,972	9	8	9	96	95	96	11.1	11.2	11.1	26
Fracture	1,132	5	5	5	50	42	56	10.1	8.3	11.8	14
Neuroses [4]	1,158	5	6	4	53	59	47	10.5	10.4	10.6	15
Pneumonia	824	4	4	3	29	30	28	8.0	7.9	8.1	8

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Average daily number of beds occupied per 100,000 civilian population. [3] Includes other first-listed diagnoses not shown separately. [4] Includes nonpsychotic disorders.

No. 172. Hospital Discharges and Days of Care by Sex, Age and Diagnosis: 1982

[See headnote, table 171]

Age and first-listed diagnosis	Discharges		Days of care per 1,000 persons [1]	Average stay (days)
	Number (1,000)	Per 1,000 persons [1]		
MALE				
All ages [2]	**15,470**	**139.4**	**1,044.8**	**7.5**
Diseases of heart	1,849	16.7	141.8	8.5
Malignant neoplasms	941	8.5	94.7	11.2
Fracture	565	5.1	42.4	8.3
Inguinal hernia	455	4.1	18.4	4.5
Pneumonia	416	3.8	29.8	7.9
Under 15 years [2]	2,098	79.9	366.9	4.6
Pneumonia	146	5.6	28.6	5.1
Fracture	101	3.8	19.9	5.2
Congenital anomalies	106	4.0	20.1	5.0
Inguinal hernia	68	2.6	6.6	2.6
Bronchitis, emphysema, asthma	121	4.6	16.8	3.6
15–44 years [2]	4,615	87.4	549.9	6.3
Fracture	289	5.5	39.5	7.2
Neuroses [3]	181	3.4	33.2	9.7
Lacerations	163	3.1	16.5	5.4
Sprains and strains	93	1.8	12.3	7.0
Diseases of heart	166	3.1	21.7	6.9
45–64 years [2]	4,143	196.3	1,521.5	7.8
Diseases of heart	751	35.6	276.2	7.8
Malignant neoplasms	306	14.5	160.4	11.0
Neuroses [3]	61	2.9	22.9	7.9
Inguinal hernia	149	7.1	32.8	4.6
Fracture	89	4.2	35.7	8.5
65 years and over [2]	4,614	428.1	4,188.0	9.8
Diseases of heart	915	84.9	803.9	9.5
Malignant neoplasms	516	47.9	569.6	11.9
Cerebrovascular diseases	267	24.8	284.8	11.5
Hyperplasia of prostate	188	17.4	152.1	8.7
Pneumonia	148	13.7	152.4	11.1

Age and first-listed diagnosis	Discharges		Days of care per 1,000 persons [1]	Average stay (days)
	Number (1,000)	Per 1,000 persons [1]		
FEMALE				
All ages [2]	**23,123**	**194.5**	**1,317.9**	**6.8**
Delivery	3,945	33.2	118.6	3.6
Diseases of heart	1,627	13.7	128.9	9.4
Malignant neoplasms	1,031	8.7	96.3	11.1
Fracture	567	4.8	56.3	11.8
Benign neoplasms	467	3.9	24.3	6.2
Under 15 years [2]	1,556	62.0	284.0	4.6
Pneumonia	124	4.9	23.6	4.8
Fracture	52	2.1	10.6	5.1
Congenital anomalies	69	2.7	17.5	6.4
Bronchitis, emphysema, asthma	72	2.9	10.2	3.5
Eye diseases, conditions	24	1.0	2.0	2.0
15–44 years [2]	10,939	201.0	928.4	4.6
Delivery	3,928	72.2	257.8	3.6
Disorders of menstruation	276	5.1	17.7	3.5
Benign neoplasms	236	4.3	24.4	5.6
Neuroses [3]	239	4.4	45.6	10.4
Cholelithiasis [4]	151	2.8	19.5	7.1
45–64 years [2]	4,545	194.8	1,550.4	8.0
Diseases of heart	419	18.0	146.6	8.2
Malignant neoplasms	409	17.5	184.6	10.5
Benign neoplasms	147	6.3	40.5	6.4
Disorders of menstruation	82	3.5	12.3	3.5
Neuroses [3]	91	3.9	36.7	9.4
65 years and over [2]	6,083	379.1	3,917.6	10.3
Diseases of heart	1,111	69.2	702.5	10.1
Malignant neoplasms	479	29.8	376.5	12.6
Fracture	300	18.7	283.8	15.2
Cerebrovascular diseases	351	21.9	292.3	13.4
Eye diseases, conditions	335	20.9	67.3	3.2

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Includes other first-listed diagnoses, not shown separately. [3] Includes nonpsychotic disorders. [4] Gallstones.

Source of tables 171 and 172: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 13, and unpublished data.

NO. 173. SURGICAL OPERATIONS IN SHORT-STAY HOSPITALS: 1971 TO 1982

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 171]

SEX AND TYPE OF OPERATION	NUMBER OF OPERATIONS (mil.)						RATE PER 1,000 POPULATION [1]					
	1971	1975	1979	1980	1981	1982	1971	1975	1979	1980	1981	1982
Total [2]	**15.77**	**20.04**	**23.86**	**24.49**	**25.62**	**25.82**	**77.0**	**93.7**	**107.0**	**108.6**	**112.6**	**112.3**
Male [3]	**6.16**	**7.37**	**8.18**	**8.50**	**8.77**	**9.06**	**62.4**	**71.4**	**76.0**	**78.1**	**79.8**	**81.7**
Operations on the musculoskeletal system	1.07	1.34	1.53	1.54	1.56	1.65	10.8	13.0	14.2	14.2	14.1	14.9
Operations on the cardiovascular system	.30	.52	.70	.80	.89	1.02	3.0	5.1	6.5	7.4	8.1	9.2
Biopsy	.24	.35	.51	.55	.55	.60	2.4	3.4	4.7	5.0	5.0	5.4
Operations on the eye	.25	.33	.40	.45	.51	.57	2.6	3.2	3.7	4.1	4.6	5.1
Repair of inguinal hernia	.44	.48	.45	.48	.46	.49	4.9	4.7	4.2	4.4	4.2	4.4
Prostatectomy	.21	.27	.29	.34	.35	.36	2.1	2.6	2.7	3.1	3.2	3.2
Cardiac catheterization	.06	.13	.20	.23	.27	.31	.6	1.2	1.8	2.1	2.5	2.8
Tonsillectomy with or without adenoidectomy	.45	.30	.22	.20	.19	.18	4.5	2.9	2.0	1.8	1.7	1.6
Appendectomy [4]	.16	.16	.16	.15	.17	.15	1.7	1.5	1.5	1.3	1.6	1.3
Female [2 3]	**9.59**	**12.66**	**15.68**	**15.99**	**16.85**	**16.76**	**90.4**	**114.6**	**136.0**	**137.1**	**143.1**	**141.0**
Operations on the female genital organs [3]	2.79	3.89	4.23	4.26	4.22	4.00	26.3	35.2	36.7	36.5	35.8	33.7
Diagnostic dilation and curettage of uterus	.77	.98	.94	.92	.83	.74	7.3	8.8	8.1	7.9	7.1	6.2
Hysterectomy	.57	.73	.64	.65	.67	.65	5.4	6.6	5.5	5.6	5.7	5.5
Bilateral destruction or occlusion of Fallopian tubes	.21	.37	.61	.64	.65	.60	2.0	3.3	5.3	5.5	5.5	5.1
Obstetrical procedures [2]	.97	1.25	3.47	3.80	3.93	3.95	9.2	11.3	30.1	30.9	33.4	33.2
Cesarean section	.19	.33	.60	.62	.70	.73	1.8	3.0	5.2	5.3	6.0	6.1
Operations on the musculoskeletal system	.88	1.26	1.38	1.49	1.63	1.67	8.3	11.4	12.0	12.7	13.8	14.1
Operations on the eye	.31	.42	.55	.60	.73	.84	2.9	3.8	4.7	5.1	6.2	7.0
Biopsy	.52	.75	.82	.80	.86	.82	4.9	6.8	7.1	6.9	7.3	6.9
Cholecystectomy	.29	.34	.33	.34	.35	.36	2.7	3.1	2.8	2.9	3.0	3.0
Tonsillectomy with or without adenoidectomy	.52	.39	.29	.27	.27	.26	4.9	3.5	2.5	2.3	2.3	2.2
Appendectomy [4]	.15	.16	.15	.15	.14	.13	1.4	1.4	1.3	1.2	1.2	1.1

[1] Based on Bureau of the Census estimated civilian population as of July 1.
[2] Beginning 1979, includes some obstetrical procedures for inducing or assisting delivery which were excluded prior to 1979.
[3] Includes other types of operations not shown separately. [4] Excluding incidental.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 13, and unpublished data.

NO. 174. NURSING AND RELATED CARE FACILITIES: 1970 TO 1983

[Count of nursing and related care homes based on National Master Facility Inventory compiled by the U.S. National Center for Health Statistics; see Appendix III]

ITEM	Unit	1970	1971	1973	1975	1976	1978	1980	1981	1982	1983
Nursing and related care: [1]											
Facilities	Number	(NA)	22,004	21,834	(NA)	20,468	[2] 18,722	[3] 23,065	(NA)	(NA)	(NA)
Beds	1,000	(NA)	1,202	1,328	(NA)	1,415	[2] 1,349	[3] 1,537	(NA)	(NA)	(NA)
Resident patients	1,000	(NA)	1,076	1,198	(NA)	1,293	[2] 1,240	[3] 1,396	(NA)	(NA)	(NA)
Personnel employed [4]	1,000	(NA)	568	636	(NA)	653	[2] 664	[3] 798	(NA)	(NA)	(NA)
Per 1,000 patients	Rate	(NA)	528	531	(NA)	505	[2] 535	[3] 571	(NA)	(NA)	(NA)
Nursing homes with 25 beds or more:											
Facilities	Number	(NA)	(NA)	14,089	(NA)	14,133	(NA)	[3] 14,567	(NA)	(NA)	(NA)
Beds	1,000	(NA)	(NA)	1,212	(NA)	1,292	(NA)	[3] 1,460	(NA)	(NA)	(NA)
Resident patients	1,000	(NA)	(NA)	1,099	(NA)	1,184	(NA)	[3] 1,329	(NA)	(NA)	(NA)
Personnel employed [4]	1,000	(NA)	(NA)	694	(NA)	738	(NA)	[3] 918	(NA)	(NA)	(NA)
Per 1,000 patients	Rate	(NA)	(NA)	631	(NA)	623	(NA)	[3] 690	(NA)	(NA)	(NA)
Skilled nursing facilities [5]	Number	4,646	4,277	3,970	3,926	3,922	4,745	5,052	5,258	5,408	5,632
Beds	1,000	333	307	287	287	309	408	436	458	488	512
Per 1,000 Medicare enrollees [6]	Rate	16.6	15.1	13.5	13.0	13.7	17.3	17.7	18.2	19.1	19.6

NA Not available. [1] Covers nursing homes with 25 beds or more and all other places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. Some changes in data beginning 1976 may be due to dependence on State collection; see Appendix III. [2] Includes 1976 data for California, District of Columbia, New York, and North Carolina. [3] Excludes hospital-based nursing homes and includes 1978 data for Alaska and South Dakota. [4] Full-time equivalent employees. [5] Source: Through 1976, U.S. Social Security Administration, *Health Insurance Statistics* and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, *Medicare: Participating Health Facilities, 1979; Medicare Participating Providers and Suppliers of Health Services, 1980;* and unpublished data. Covers facilities and beds certified for participation under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons.
[6] Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics,* annual through 1976 and 1978. Beginning 1979, unpublished data.

NO. 175. NURSING HOMES WITH 25 BEDS OR MORE—STATES: 1980

[For composition of regions, see fig. I, inside front cover. Based on National Master Facility Inventory; see Appendix III]

REGION, DIVISION, AND STATE	Facilities	Beds (1,000)	Resident patients (1,000)	DIVISION AND STATE	Facilities	Beds (1,000)	Residents patients (1,000)	DIVISION AND STATE	Facilities	Beds (1,000)	Resident patients (1,000)
U.S	**14,567**	**1,460**	**1,329**	**W. No. Cent.**	**2,107**	**176.4**	**159.4**	**W. So. Cent.**	**1,721**	**168.9**	**151.6**
				MN	379	41.4	37.9	AR	195	19.2	17.8
Regions:				IA	435	33.9	31.2	LA	199	21.6	20.8
Northeast	2,720	308.6	287.5	MO	520	42.6	37.4	OK	341	27.0	23.9
Midwest	4,986	492.9	443.7	ND	81	6.4	6.0	TX	986	101.1	89.1
South	4,226	410.5	370.4	SD	[1] 117	[1] 8.5	[1] 7.9				
West	2,635	248.0	227.1	NE	225	18.5	16.8	**Mt.**	**518**	**47.0**	**42.5**
				KS	350	25.1	22.2	MT	69	5.4	5.0
N. Eng.	**1,197**	**96.3**	**89.1**					ID	51	4.2	3.9
ME	142	9.0	8.3	**So. Atl.**	**1,640**	**161.7**	**145.7**	WY	19	1.8	1.6
NH	70	6.4	5.9	DE	24	2.4	2.3	CO	160	17.3	15.4
VT	56	3.7	3.3	MD	170	20.4	19.3	NM	33	2.6	2.4
MA	623	49.2	45.7	DC	15	3.0	2.5	AZ	97	8.9	8.0
RI	93	8.4	7.9	VA	232	24.9	19.4	UT	70	5.0	4.5
CT	213	19.6	18.0	WV	79	5.9	5.3	NV	19	1.8	1.7
				NC	354	28.3	26.6				
Mid. Atl.	**1,523**	**212.3**	**198.4**	SC	131	11.3	10.2	**Pac.**	**2,117**	**201.0**	**184.6**
NY	669	101.4	97.3	GA	297	29.7	28.0	WA	374	37.0	33.9
NJ	324	35.4	32.8	FL	338	35.8	32.1	OR	179	17.1	16.0
PA	530	75.5	68.3					CA	1,535	144.1	132.2
				E. So. Cent.	**865**	**79.9**	**73.1**	AK	[1] 9	[1] 1.0	[1] .8
E. No. Cent.	**2,879**	**316.5**	**284.3**	KY	283	25.8	23.1	HI	20	1.8	1.7
OH	832	74.0	67.7	TN	228	21.4	19.2				
IN	421	43.9	37.7	AL	209	20.6	19.4				
IL	732	87.8	77.1	MS	145	12.1	11.4				
MI	497	61.5	55.8								
WI	397	49.3	46.0								

[1] 1978 data.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 14.

NO. 176. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1982

[For years ending **June 30.** Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM	STATE-OPERATED FACILITIES [1]							PRIVATE FACILITIES [3]	
	1960	1965	1970	1975	1980 [2]	1981 [2]	1982 [2]	1977	1982
Number of institutions	108	143	190	210	394	371	364	10,219	14,605
Resident patients, beginning of year	158,682	181,549	189,956	166,689	148,734	140,043	132,235	(NA)	(NA)
Admissions [4]	14,701	17,300	14,985	13,424	14,064	11,510	10,111	22,363	22,431
Deaths in institutions	3,202	3,583	3,496	2,752	2,142	1,965	1,701	891	920
Live releases [5]	6,451	7,993	14,702	18,320	16,225	14,643	13,479	12,384	12,999
Resident patients, end of year	163,730	187,273	186,743	159,041	140,230	131,996	124,868	89,120	115,032
Rate per 100,000 population [6]	91.9	97.7	92.5	74.4	62.2	58.0	54.0	41.2	49.7
Average daily resident patients	163,282	189,172	187,897	161,061	136,304	128,874	123,294	(NA)	(NA)
Maintenance expenditures per day per average daily resident patient (dollars) [7]	5	6	13	31	68	84	89	[8] 19	[8] 37

NA Not available. [1] Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. [2] Includes data for 142 facilities in 1980, 126 facilities in 1981, and 119 facilities in 1982, operated as mental hospitals or other care facilities and which have at least 10 mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,240 in 1980; 5,900 in 1981, and 6,056 in 1982. [3] A privately-operated living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single family homes providing services to a relative; nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers; and independent living programs which have no staff residing in facility. [4] Includes readmissions and excludes transfers. [5] 1960-1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1980, total live releases. [6] Based on Bureau of the Census estimated civilian population as of July 1. [7] Reporting facilities only; includes salaries and wages, purchased provisions, fuel, light, water, etc. [8] Represents average daily reimbursement rate per resident.

Source: State-operated facilities: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual, through 1970, and unpublished data; 1980, Krantz, Clumpner, Rotegard, and Bruininks, *Mentally Retarded People in State-Operated Residential Facilities, Year Ending June 30, 1980*, 1981 and 1982, Rotegard and Bruininks, *Mentally Retarded People in State-Operated Residential Facilities: Years Ending June 30, 1981 and June 30, 1982*. University of Minnesota, Minneapolis, MN. Private facilities: Hauber, Bruinicks, & Hill, *1982 National Census of Residential Facilities: Summary Report* and Hill, Bruinicks, & Hauber, *Trends in Residential Services for Mentally Retarded People: 1977-1982*.

NO. 177. MENTAL HEALTH FACILITIES—SUMMARY BY TYPE OF FACILITY: 1970 TO 1980

[Facilities and beds as of January; inpatients as of yearend; other data are for calendar year or fiscal year ending in a month other than December since facilities are permitted to report on either a calendar or fiscal year basis. Excludes private psychiatric office practice and psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration]

ITEM AND YEAR	Unit	Total	MENTAL HOSPITALS		General hospitals[2]	Veterans Administration[3]	Community mental health centers[4]	Psychiatric outpatient clinics[5]	All other[6]
			State and county	Private[1]					
Number of facilities:									
1970	Number	3,005	310	411	797	115	196	1,109	67
1974	Number	3,315	320	520	796	119	391	1,092	77
1976	Number	3,480	303	513	870	126	517	1,076	75
1978	Number	3,738	297	563	923	136	555	1,160	104
1980	Number	3,727	280	552	[7] 923	[7] 136	[8] 691	1,053	92
Inpatient beds:									
1970	1,000	524.9	413.1	29.4	22.4	50.7	8.1	(x)	1.2
1974	1,000	392.1	279.3	34.4	24.5	40.0	12.4	(x)	1.6
1976	1,000	339.0	222.2	34.1	28.7	35.9	17.0	(x)	1.0
1978	1,000	301.0	184.1	36.7	29.4	33.8	14.8	(x)	2.2
1980	1,000	274.7	156.5	37.4	[7] 29.4	[7] 33.8	[8] 16.3	(x)	1.4
Per 100,000 population: [9]									
1970	Rate	263.6	207.4	14.8	11.2	25.5	4.1	(x)	.6
1976	Rate	160.3	105.1	16.1	13.6	17.0	8.0	(x)	.5
1980	Rate	124.3	70.2	16.8	[7] 13.7	[7] 15.7	[8] 7.3	(x)	.6
Inpatients:									
1971	1,000	405.5	309.0	27.7	18.1	42.7	6.1	(x)	1.9
1975	1,000	284.2	193.4	27.9	18.9	31.9	10.8	(x)	1.3
1977	1,000	249.0	159.5	30.4	18.8	28.7	10.5	(x)	1.2
1979	1,000	230.2	140.4	31.2	[10] 18.8	[10] 28.7	[11] 10.1	(x)	1.1
Per 100,000 population: [9]									
1971	Rate	198.5	151.2	13.6	8.9	20.9	3.0	(x)	.9
1975	Rate	134.4	91.5	13.2	8.9	15.1	5.1	(x)	.6
1979	Rate	103.9	63.0	14.0	[10] 8.6	[10] 13.3	[11] 4.5	(x)	.5
Average daily inpatients:									
1971	1,000	420.9	326.6	29.0	18.7	39.1	6.1	(x)	1.5
1975	1,000	287.6	193.4	28.2	22.9	32.1	10.2	(x)	.8
1977	1,000	252.3	156.7	31.1	23.1	28.7	10.5	(x)	1.8
1979	1,000	233.4	138.6	32.0	[10] 23.1	[10] 28.7	[11] 9.9	(x)	1.1
Patient care episodes: [12]									
1971	1,000	4,038	748	127	543	177	753	1,694	
1975	1,000	6,409	599	165	566	214	1,832	3,033	
1977	1,000	6,393	574	184	572	218	2,011	2,835	
1979	1,000	6,405	529	185	[10] 572	[10] 218	[7] 2,249	2,652	
Per 100,000 population: [9]									
1971	Rate	1,981	365	66	266	87	369	829	
1975	Rate	3,033	283	78	268	101	867	1,435	
1979	Rate	2,863	236	83	[10] 256	[10] 97	[7] 1,004	1,186	
Total expenditures:									
1971	Mil. dol	4,285	2,359	473	373	500	294	209	77
1975	Mil. dol	6,564	3,185	746	621	699	776	422	116
1977	Mil. dol	7,463	3,330	922	723	848	990	493	156
1979	Mil. dol	8,764	3,757	1,179	[10] 723	[10] 848	[11] 1,481	589	187
Constant (1969) dollars: [13]									
1971	Mil. dol	3,785	2,084	418	330	442	260	185	68
1975	Mil. dol	4,414	2,142	501	418	470	522	283	78
1979	Mil. dol	4,283	1,777	558	[10] 405	[10] 475	[11] 701	278	88
Constant (1969) dollars per capita: [9] [13]									
1971	Dollars	18.53	10.20	2.05	1.61	2.16	1.27	.91	.33
1975	Dollars	20.88	10.13	2.37	1.98	2.22	2.47	1.34	.37
1979	Dollars	19.37	7.98	2.50	[10] 1.89	[10] 2.21	[11] 3.14	1.25	.40
Patient care staff:									
1974	1,000	272.9	146.9	27.0	29.5	25.2	26.5	14.0	3.7
1976	1,000	288.5	141.1	31.0	34.0	26.3	35.7	16.7	3.7
1978	1,000	292.7	131.2	35.2	35.0	27.4	40.1	18.9	4.9
1980	1,000	(NA)	128.8	38.0	(NA)	(NA)	[14] 45.4	18.7	5.2

NA Not available. X Not applicable.

[1] Includes residential treatment centers for emotionally disturbed children. [2] Non-Federal hospitals with separate psychiatric services. [3] Includes Veterans Administration (VA) neuropsychiatric hospitals, VA general hospitals with separate psychiatric settings and VA freestanding psychiatric outpatient clinics. [4] Federally funded. [5] Freestanding. [6] Other multiservice mental health facilities with an inpatient setting which are not elsewhere classified. Number of facilities, expenditures, and staff data also include freestanding psychiatric day/night facilities. [7] 1978 data. [8] As of February 1981. [9] Based on Bureau of the Census estimated civilian population as of July 1. [10] 1977 data. [11] 1980 data. [12] "Patient care episodes" is defined as the number of residents in inpatient facilities or the number of persons on the rolls of outpatient facilities at the beginning of the year plus the total additions to both types of facilities during the year. [13] Based on the medical care component of the consumer price index published by the U.S. Bureau of Labor Statistics; see table 789. [14] 1981 data.

Source: U.S. National Institute of Mental Health, *Statistical Note* series, and unpublished data.

NO. 178. DAYS OF DISABILITY, BY TYPE AND SELECTED CHARACTERISTICS: 1965 TO 1981

[**1965,** for year ending **June 30;** thereafter, **calendar years.** Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. For composition of regions, see fig. I, inside front cover]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1965	1970	1975	1979	1980	1981	1965	1970	1975	1979	1980	1981
Restricted-activity days [1]	3,086	2,913	3,734	4,106	4,165	4,296	16.4	14.6	17.9	19.0	19.1	19.1
Male	1,339	1,273	1,574	1,755	1,802	1,880	14.7	13.2	15.6	16.9	17.1	17.3
Female	1,747	1,640	2,160	2,351	2,363	2,416	18.0	15.8	20.0	21.1	21.0	20.7
White [2]	(NA)	2,526	3,179	3,468	3,518	3,622	(NA)	14.4	17.5	18.6	18.7	18.8
Black [2]	(NA)	365	522	585	580	575	(NA)	16.2	21.4	22.9	22.7	21.7
Under 65 years	2,420	2,331	2,916	3,128	3,228	3,304	14.1	12.9	15.5	16.3	16.6	16.5
65 years and over	666	582	818	978	937	991	38.5	30.7	38.4	41.9	39.2	39.9
Northeast	(NA)	709	819	834	862	899	(NA)	14.5	16.7	17.6	17.9	18.1
Midwest	(NA)	691	888	998	989	1,018	(NA)	12.4	15.9	17.4	17.2	17.1
South	(NA)	996	1,253	1,401	1,415	1,469	(NA)	15.9	18.7	19.8	19.8	20.0
West	(NA)	518	774	872	899	909	(NA)	15.6	20.8	21.8	22.0	21.5
Family income: [3]												
Under $5,000	(NA)	982	1,030	785	762	681	(NA)	23.3	32.4	37.5	37.5	35.9
$5,000–$9,999	(NA)	857	914	882	804	853	(NA)	12.8	20.2	26.8	25.8	28.2
$10,000–$14,999	(NA)	539	676	592	636	563	(NA)	11.5	14.4	17.4	19.4	18.4
$15,000–$24,999	(NA)	257	619	786	803	794	(NA)	11.0	12.7	14.1	15.1	15.5
$25,000 and over	(NA)	74	244	680	784	951	(NA)	10.7	11.6	13.1	12.7	13.1
Bed-disability days [4]	1,160	1,222	1,371	1,455	1,520	1,553	6.2	6.1	6.6	6.7	7.0	6.9
Male	484	503	546	585	616	634	5.3	5.2	5.4	5.6	5.9	5.8
Female	677	720	825	870	904	919	7.0	6.9	7.6	7.8	8.0	7.9
Under 65 years	914	959	1,097	1,136	1,190	1,206	5.3	5.3	5.8	5.9	6.1	6.0
65 years and over	246	263	274	319	330	347	14.2	13.8	12.9	13.7	13.8	14.0
Work-loss days [5]	400	417	433	483	485	492	5.7	5.4	5.2	5.0	5.0	4.9
Male	261	243	246	261	271	262	5.7	5.0	4.9	4.7	4.9	4.6
Female	139	175	187	222	215	230	5.6	5.9	5.7	5.4	5.1	5.3
School-loss days [6]	214	222	217	209	204	191	5.2	4.9	5.1	5.3	5.3	4.9
Male	103	108	103	101	95	92	4.9	4.7	4.8	5.0	4.8	4.6
Female	111	114	115	107	109	100	5.4	5.1	5.5	5.5	5.7	5.3

NA Not available. [1] A day when a person cuts down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. Total includes other items not shown separately.

[2] In 1980 and 1981 race was determined by asking the household respondent to report his race. In earlier years the racial classification of respondents was determined by interviewer observation.

[3] Excludes those with unknown income.

[4] A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed.

[5] A day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview.

[6] Child's loss of entire school day because of illness or injury. Computed for children 6–16 years of age.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

NO. 179. PERSONS INJURED, BY SEX, 1970 TO 1981, AND BY CIRCUMSTANCE AND AGE, 1981

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Sum of estimates by type of circumstance may be greater than total injured because circumstances are not mutually exclusive. Based on National Health Interview Survey; see Appendix III. 1975 data not strictly comparable with other years]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female
1970	56.0	31.8	24.2	28.0	33.0	23.3
1971	62.5	35.7	26.9	30.9	36.5	25.7
1972	64.3	37.0	27.3	31.5	37.6	25.8
1973	60.0	34.8	25.2	29.1	35.0	23.7
1974	59.1	33.6	25.6	28.5	33.6	23.8
1975	71.9	39.4	32.5	34.4	39.1	30.0
1976	65.4	37.1	28.3	31.1	36.5	26.0
1977	73.9	42.3	31.6	34.8	41.3	28.8
1978	67.5	38.1	29.4	31.6	36.9	26.6
1979	69.1	40.2	28.9	32.0	38.6	25.9
1980	68.1	39.0	29.1	31.2	37.1	25.8

CIRCUMSTANCE AND AGE	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female
1981, total	**70.3**	**40.1**	**30.2**	**31.2**	**36.9**	**25.9**
While at work	11.3	9.1	2.2	5.0	8.4	1.9
Home	26.9	13.4	13.5	12.0	12.3	11.6
Motor vehicle	5.0	2.4	2.6	2.2	2.2	2.2
Other	29.8	17.5	12.3	13.2	16.1	10.6
Under 6 years	7.3	4.1	3.2	36.2	40.0	32.3
6–16 years	14.8	8.9	5.9	38.2	44.8	31.4
17–44 years	34.4	21.0	13.4	35.4	44.3	26.9
45–64 years	9.2	4.4	4.9	20.9	20.9	20.9
65 years and over	4.5	1.7	2.8	18.3	16.9	19.2

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

No. 180. Percent of Children Immunized Against Specified Diseases, by Age-Group: 1979 to 1983

[Covers civilian noninstitutional population. Represents responses of persons in sample who answered on basis of health immunization records. Subject to sampling variability; see source]

DISEASE	1–4 YEARS OLD					5–14 YEARS OLD				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
Diphtheria-tetanus-pertussis [1] (3 or more doses)	84.1	85.1	86.9	86.8	86.0	91.5	91.6	91.7	93.6	92.9
Polio (3 or more oral doses)	76.0	77.7	78.3	78.4	76.5	87.0	89.0	88.7	89.0	89.6
Measles	73.6	76.0	75.6	78.2	77.3	85.8	85.9	88.0	88.4	88.6
Rubella	74.3	74.9	75.2	76.1	76.4	87.5	87.4	87.6	86.7	88.9
Mumps	67.9	71.8	72.7	75.0	74.4	72.3	78.3	82.9	83.9	86.2

[1] Pertussis also known as whooping cough.

Source: U.S. Centers for Disease Control, Atlanta, GA, *United States Immunization Survey,* annual.

No. 181. Specified Reportable Diseases—Cases Reported: 1960 to 1982

[Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the U.S. See *Historical Statistics, Colonial Times to 1970,* series B 291–303, for related data]

DISEASE	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Amebiasis	3,424	2,768	2,888	2,775	3,044	3,937	4,107	5,271	6,632	7,304
Aseptic meningitis	1,593	2,329	6,480	4,475	4,789	6,573	8,754	8,028	9,547	9,680
Botulism [1]	12	19	12	20	129	105	45	89	103	97
Brucellosis (undulant fever)	751	262	213	310	232	179	215	183	185	173
Chickenpox (1,000)	(NA)	(NA)	(NA)	154.2	188.4	154.1	199.1	190.9	200.8	167.4
Diphtheria	918	164	435	307	84	76	59	3	5	2
Encephalitis:										
Primary infectious [2]	2,341	1,722	1,580	4,064	1,414	1,351	1,504	1,362	1,492	1,464
Post infectious [2]		981	370	237	119	78	84	40	43	36
Hepatitis: Serum (1,000)			8.3	13.1	16.8	15.0	15.5	19.0	21.2	22.2
Infectious (1,000)	41.7	33.9	56.8	35.9	31.2	29.5	30.4	29.1	25.8	23.4
Unspecified (1,000)	(NA)	(NA)	(NA)	7.2	8.6	8.8	10.5	11.9	11.0	8.6
Leprosy	54	96	129	162	151	168	185	223	256	250
Leptospirosis	53	84	47	93	71	110	94	85	82	100
Malaria	72	147	3,051	373	547	731	894	2,062	1,388	1,056
Measles (1,000)	441.7	261.9	47.4	24.4	57.3	26.9	13.6	13.5	3.1	1.7
Meningococcal infections	2,259	3,040	2,505	1,478	1,828	2,505	2,724	2,840	3,525	3,056
Mumps (1,000)	(NA)	(NA)	105.0	59.6	21.4	16.8	14.2	8.6	4.9	5.3
Pertussis [3] (1,000)	14.8	6.8	4.2	1.7	2.2	2.1	1.6	1.7	1.2	1.9
Plague	2	8	13	20	18	12	13	18	13	19
Poliomyelitis, acute	3,190	72	33	8	18	15	34	9	6	8
Psittacosis	113	60	35	49	94	140	137	124	136	152
Rabies, animal	3,567	4,574	3,224	2,627	3,130	3,280	5,119	6,421	7,118	6,212
Rabies, human	2	2	3	2	1	4	4	–	2	–
Rheumatic fever, acute [4]	9,022	4,998	3,227	2,854	1,738	851	629	432	264	137
Rubella [5] (1,000)	(NA)	(NA)	56.6	16.7	20.4	18.3	11.8	3.9	2.1	2.3
Salmonellosis [6] (1,000)	6.9	17.2	22.1	22.6	27.8	29.4	33.1	33.7	40.0	40.9
Shigellosis [7] (1,000)	12.5	11.0	13.8	16.6	16.1	19.5	20.1	19.0	19.9	18.1
Streptococcal sore throat, scarlet fever (1,000)	315.2	395.2	433.4	[8] 330.8	[8] 423.1	[8] 397.0	[8] 465.4	[8] 370.0	[8] 342.2	[8] 259.7
Tetanus	368	300	148	102	87	86	81	95	72	88
Trichinosis	160	199	109	252	143	67	157	131	206	115
Tuberculosis [9] (1,000)	55.5	49.0	37.1	34.0	30.1	28.5	27.7	27.7	27.4	25.5
Tularemia	390	264	172	129	165	141	196	234	288	275
Typhoid fever	816	454	346	375	398	505	528	510	584	425
Typhus fever:										
Flea-borne (endemic-murine)	68	28	27	44	75	46	69	81	81	58
Tick-borne (Rocky Mt. spotted fever)	204	281	380	844	1,153	1,063	1,070	1,163	1,192	976
Venereal diseases (civilian cases):										
Gonorrhea (1,000)	259	325	600	1,000	1,002	1,013	1,004	1,004	991	961
Syphilis (1,000)	122	113	91	80	65	65	67	69	73	75
Other (1,000)	2.8	2.0	2.2	1.1	.9	.9	1.2	1.0	1.2	1.6

– Represents zero. NA Not available. [1] Beginning in 1975, includes foodborne, infant, wound, and unspecified cases. [2] Beginning 1975, reported data reflect new diagnostic categories. [3] Whooping cough. [4] Based on reports from States: 37 in 1960 and 1980, 36 in 1965 and 1975, 38 in 1970 and 1981, 40 in 1978, 39 in 1977 and 1979, and 35 in 1982. [5] German measles. [6] Excludes typhoid fever. [7] Bacillary dysentery. [8] Based on reports from States: 41 in 1975, 1979, and 1980; 42 in 1977; 40 in 1978 and 1981; and 36 in 1982. [9] Newly reported active cases. New diagnostic standards introduced in 1975.

Source: U.S. Centers for Disease Control, Atlanta, GA, *Morbidity and Mortality Weekly Report* (annual supplements).

NO. 182. ACUTE CONDITIONS, BY TYPE, 1970 TO 1981, AND BY SELECTED CHARACTERISTICS, 1981

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. For composition of regions, see fig. 1, inside front cover]

YEAR AND CHARACTERISTIC	NUMBER OF CONDITIONS (mil.)					RATE PER 100 POPULATION				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970, total	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1974, total	40.5	94.9	100.9	16.2	63.1	19.5	45.8	48.7	7.8	30.4
1975, total	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36.4
1976, total	52.6	127.7	123.0	22.0	67.7	25.0	60.6	58.4	10.4	32.1
1977, total	57.7	134.0	98.8	23.8	77.2	27.2	63.2	46.6	11.2	36.4
1978, total	52.9	126.4	121.1	22.9	70.7	24.7	59.1	56.6	10.7	33.1
1979, total	52.7	129.8	101.7	24.7	74.4	24.4	60.1	47.1	11.4	34.5
1980, total	53.6	124.2	129.0	24.9	72.7	24.6	57.0	59.2	11.4	33.4
1981, total [1]	**53.2**	**125.4**	**126.4**	**21.8**	**74.7**	**23.6**	**55.7**	**56.2**	**9.7**	**33.2**
Male	23.3	58.0	57.7	10.7	42.3	21.4	53.4	53.2	9.8	38.9
Female	29.9	67.4	68.7	11.1	32.4	25.7	57.9	59.0	9.5	27.8
White	46.0	107.2	115.3	18.2	64.7	23.9	55.6	59.8	9.4	33.5
Black	6.2	15.5	8.9	3.0	7.7	23.3	58.4	33.6	11.2	29.1
Northeast	13.8	29.5	20.2	5.2	16.9	27.8	59.4	40.8	10.5	34.0
Midwest	10.9	32.4	39.8	4.1	19.3	18.3	54.5	66.9	6.9	32.5
South	22.6	39.8	36.4	7.8	21.7	30.6	54.1	49.4	10.6	29.4
West	6.0	23.7	30.0	4.7	16.8	14.1	56.1	70.8	11.0	39.7
Under 6 years	12.0	25.4	14.6	2.0	7.4	59.7	126.5	72.7	10.1	36.7
6–16 years	14.7	30.9	26.9	5.9	15.6	38.0	79.8	69.4	15.3	40.3
17–44 years	21.0	50.0	58.0	10.3	36.9	21.6	51.5	59.7	10.6	38.0
45–64 years	3.9	12.6	19.5	2.2	9.8	8.9	28.5	44.2	5.0	22.1
65 years and over	1.6	6.4	7.3	1.3	5.0	6.3	25.7	29.5	5.3	20.0
Family income:										
Under $5,000	4.2	12.8	10.8	1.8	8.0	22.3	67.5	57.0	9.6	42.4
$5,000–$9,999	6.8	17.6	18.1	4.1	11.1	22.6	58.2	59.9	13.5	36.7
$10,000–$14,999	7.5	16.5	18.6	3.9	8.6	24.6	54.2	60.9	12.8	28.3
$15,000–$24,999	12.2	29.1	29.6	4.6	16.7	23.7	56.7	57.7	9.0	32.6
$25,000 and over	19.0	40.7	40.6	5.7	25.1	26.1	55.9	55.8	7.8	34.5

[1] Includes other races and unknown income, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 183. PERSONS WITH SELECTED CHRONIC CONDITIONS, BY SEX AND AGE: 1981

[See headnote, table 184]

CHRONIC CONDITION	Persons with condition (1,000)	RATE PER 1,000 PERSONS						
		Total	Male	Female	Under 17 yrs.	17–44 yrs.	45–64 yrs.	65 yrs. and over
Heart conditions	17,186	76.4	70.7	81.6	20.4	37.9	122.7	277.0
Hypertension	25,524	113.4	100.4	125.5	[1] 1.4	54.2	243.7	378.6
Varicose veins	6,130	27.2	10.4	43.0	–	19.0	50.1	83.2
Hemorrhoids	8,848	39.3	36.0	42.4	[1] .4	43.7	66.6	65.9
Chronic bronchitis	7,943	35.3	31.7	38.7	38.4	28.1	40.9	46.1
Asthma [2]	7,244	32.2	33.9	30.6	37.9	29.0	33.6	28.6
Chronic sinusitis	31,036	137.9	121.0	153.7	55.0	158.4	177.5	183.6
Hay fever, without asthma	17,874	79.4	78.7	80.1	58.1	100.2	77.5	51.9
Eczema, dermatitis, urticaria	8,111	36.0	27.8	43.7	37.5	39.3	29.8	30.9
Diseases of sebaceous glands [3]	5,643	25.1	24.4	25.7	21.9	38.5	10.0	[1] 7.0
Arthritis	27,238	121.0	87.5	152.3	[1] 2.8	47.7	246.5	464.7
Diabetes	5,500	24.4	21.7	27.0	[1] 1.4	8.6	56.9	83.4
Migraine	5,999	26.7	14.8	37.7	5.6	38.7	33.7	17.2
Diseases of urinary system	5,689	25.3	13.3	36.5	6.6	25.8	31.7	56.1
Visual impairments	9,084	40.4	47.8	33.4	9.9	27.4	55.2	136.6
Hearing impairments	18,666	82.9	91.1	75.3	17.7	43.8	142.9	283.8
Deformities or orthopedic impairments	18,416	81.8	86.4	77.6	21.1	90.5	117.5	128.2

– Represents zero. [1] Figure does not meet standards of reliability or precision. [2] With or without hay fever. [3] Acne.

Source: U.S. National Center for Health Statistics, unpublished data.

NO. 184. PERSONS WITH ACTIVITY LIMITATION, BY SELECTED CHRONIC CONDITIONS: 1969–1970 AND 1981

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Conditions classified according to eighth revision of International Classification of Diseases for 1969–1970; and ninth revision for 1981]

CONDITION	Total [1]	AGE			SEX		FAMILY INCOME		RACE [2]	
		Under 45 years	45–64 years	65 years and over	Male	Female	Less than $6,000	$6,000 and over	White	Black
1969–1970										
Persons with limitation (mil.)	**23.2**	**7.3**	**8.0**	**8.0**	**11.7**	**11.5**	**11.6**	**10.1**	**20.5**	**2.6**
Percent limited by—										
Heart conditions	15.5	6.3	19.0	20.5	16.5	14.6	16.7	15.2	15.7	14.6
Arthritis and rheumatism	14.1	4.4	15.7	21.2	9.3	18.9	17.2	11.6	13.8	16.1
Hypertension without heart involvement	4.6	1.8	5.2	6.4	3.0	6.2	5.9	3.4	3.9	9.4
Impairment of back/spine	6.9	10.6	7.8	2.8	7.3	6.6	5.5	9.2	7.2	5.1
Impairment of lower extremities and hips	6.7	8.9	6.0	5.3	7.6	5.8	6.3	7.6	6.8	5.8
Percent of all persons with—										
No activity limitation	88.3	94.7	80.5	57.7	87.7	88.8	79.8	92.2	88.2	88.4
Activity limitation	11.7	5.3	19.5	42.3	12.3	11.2	20.2	7.8	11.8	11.6
In major activity	9.1	3.3	15.7	37.0	9.5	8.6	16.9	5.5	9.0	9.7
1981										
Persons with limitation (mil.)	**32.3**	**10.4**	**10.6**	**11.4**	**15.8**	**16.5**	**6.8**	**21.9**	**27.9**	**3.9**
Percent limited by—										
Heart conditions	16.4	4.2	19.3	24.8	17.7	15.2	18.1	15.5	16.5	16.3
Arthritis and rheumatism	17.4	5.4	19.8	26.0	12.2	22.3	21.5	15.7	17.6	16.6
Hypertension [3]	9.1	3.1	12.1	11.7	7.0	11.0	12.9	7.9	7.9	17.5
Impairment of back/spine	9.8	13.9	11.3	4.6	9.4	10.2	8.6	10.4	10.0	8.3
Impairment of lower extremities and hips	7.6	10.9	6.3	5.8	8.4	6.8	8.5	7.5	7.7	6.8
Percent of all persons with—										
No activity limitation	85.6	93.4	76.1	54.3	85.4	85.8	73.1	87.7	85.5	85.3
Activity limitation	14.4	6.6	23.9	45.7	14.6	14.2	26.9	12.3	14.5	14.7
In major activity	10.9	4.1	19.1	39.2	11.3	10.6	22.2	9.0	10.9	12.2

[1] Includes persons with unknown family income and other races not shown separately. [2] See footnote 2, table 178. [3] Covers all cases of hypertension, regardless of other conditions.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

NO. 185. DAYS OF DISABILITY, ACUTE CONDITIONS, AND ACTIVITY LIMITATION, BY SPANISH ORIGIN AND RACE: 1979–1980

[Data represent annual average. See headnote, table 184]

ITEM	Unit	Total persons	NOT OF SPANISH ORIGIN			SPANISH ORIGIN				
			Total [1]	White	Black	Total [2]	Mexican	Puerto Rican	Cuban	Other
Restricted activity days [3] per person	Days	19.0	19.0	18.7	22.3	18.3	15.3	26.7	21.5	19.3
Male	Days	16.8	16.8	16.6	19.0	15.9	13.6	20.6	20.3	16.8
Female	Days	21.0	21.1	20.6	25.1	20.5	16.9	32.4	22.4	21.6
Bed disability days [4] per person	Days	6.9	6.9	6.6	9.4	7.8	6.1	13.4	8.2	7.9
Male	Days	5.8	5.8	5.5	8.0	6.4	5.0	9.4	7.2	6.3
Female	Days	8.0	7.9	7.6	10.7	9.1	7.1	17.1	8.9	9.3
Work-loss days [5] per person	Days	5.1	5.1	4.8	7.7	5.0	4.4	7.8	4.3	5.7
Male	Days	4.8	4.8	4.6	7.1	4.5	4.3	6.7	3.0	4.9
Female	Days	5.4	5.4	5.1	8.3	5.8	4.5	9.8	5.8	6.6
Acute conditions per 100 persons	Number	219	219	225	188	211	189	322	173	223
Male	Number	203	204	208	175	191	167	315	157	199
Female	Number	234	234	240	200	230	211	329	185	245
Persons with activity limitation	Million	31.1	29.5	25.4	3.8	1.6	.7	.3	.2	(NA)
Percent of all persons with—										
No activity limitation	Percent	85.6	85.4	85.3	84.7	88.9	90.5	85.2	83.0	(NA)
Activity limitation	Percent	14.4	14.6	14.7	15.3	11.1	9.5	14.8	17.0	(NA)
In major activity	Percent	10.8	11.0	10.8	12.4	8.3	7.1	10.8	13.6	(NA)

NA Not available. [1] Includes other races and persons whose Spanish-origin status is unknown. [2] Includes persons whose specific Spanish origin is unknown. [3] See footnote 1, table 178. [4] See footnote 4, table 178. [5] See footnote 5, table 178.

Source: U.S. National Center for Health Statistics, unpublished data.

NO. 186. PERSONS WITH KNOWN CASE OF DIABETES, BY SELECTED CHARACTERISTICS: 1981

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

SEX AND RACE	NUMBER (1,000)					RATE PER 1,000 POPULATION				
		Persons 20 years old and over					Persons 20 years old and over			
	Total [1]	Total	20–44 years	45–64 years	65 years and over	Total [1]	Total	20–44 years	45–64 years	65 years and over
Total persons with known diabetes	**5,657**	**5,564**	**854**	**2,523**	**2,187**	**25.1**	**36.1**	**10.1**	**57.1**	**88.0**
Male	2,521	2,492	429	1,199	864	23.2	34.4	10.4	57.2	85.0
Female	3,137	3,072	425	1,324	1,323	26.9	37.7	9.8	57.0	90.1
White	4,737	4,655	719	2,023	1,912	24.4	34.4	9.8	51.4	84.5
Black and other	921	909	135	500	275	29.6	48.6	11.6	103.7	123.7
Black	843	832	135	442	256	31.9	52.8	14.0	107.6	128.3

[1] Includes persons under 20 years old, not shown separately.

Source: U.S. National Center for Health Statistics, unpublished data.

NO. 187. DENTAL CARIES (CAVITIES) IN CHILDREN, BY AGE: 1971–1974 AND 1979–1980

[Covers only children with at least one permanent tooth. Data shown are for the permanent dentition and represent the average number of decayed (D), missing (M), or filled (F) surfaces or teeth per child. 1979 survey based on sample of approximately 40,000 children enrolled in public or private schools]

AGE	1971–1974		1979–1980								
				Average number of DMF surfaces [1] per child							Avg. number of DMF teeth per child
	Number of children (1,000)	Avg. number of DMF surfaces [1] per child	Number of children (1,000)	Total	Male	Female	White	Black and other	Inside metro. areas [2]	Outside metro. areas [2]	
Total	**48,393**	**7.06**	**45,315**	**4.77**	**4.44**	**5.12**	**4.89**	**4.15**	**4.67**	**5.04**	**2.91**
5 years	1,068	.15	1,055	.11	.11	.11	.12	.08	.08	.19	.07
6 years	2,825	.41	2,750	.20	.19	.22	.20	.20	.20	.21	.16
7 years	3,704	.69	3,525	.58	.47	.69	.59	.55	.56	.63	.44
8 years	3,661	1.86	3,453	1.25	1.08	1.42	1.26	1.19	1.30	1.10	.90
9 years	4,036	3.59	3,420	1.90	1.81	2.00	1.99	1.44	1.92	1.85	1.26
10 years	4,378	4.14	3,515	2.60	2.32	2.90	2.64	2.43	2.65	2.48	1.69
11 years	4,088	4.58	3,479	3.00	2.73	3.28	3.11	2.45	2.84	3.41	1.96
12 years	4,116	6.36	3,601	4.18	3.75	4.62	4.32	3.46	4.04	4.50	2.64
13 years	4,153	8.67	3,822	5.41	4.95	5.89	5.45	5.22	5.20	5.93	3.38
14 years	4,046	9.60	4,063	6.53	6.44	6.62	6.63	6.02	6.35	6.99	4.04
15 years	4,256	11.67	4,171	8.07	7.46	8.71	8.25	7.09	7.86	8.56	4.94
16 years	4,164	15.12	4,195	9.58	8.46	10.77	9.57	9.66	9.54	9.70	5.54
17 years	3,898	16.90	4,267	11.04	10.52	11.58	11.24	9.85	10.72	11.82	6.35

[1] A surface is a side of a tooth. There are 5 surfaces on molars and bicuspids and 4 surfaces on incisors and cuspids.
[2] For definition of metropolitan area used for this survey, see source.

Source: U.S. National Institute of Dental Research, *The Prevalence of Dental Caries in United States Children, 1979–1980,* December 1981.

NO. 188. PERSONS WEARING CORRECTIVE LENSES: 1971 AND 1980

[See headnote, table 186. Total wearing lenses includes group unknown as to type. Excludes sunglasses worn only to filter light, safety glasses for protection, etc. Contact lenses includes those with or without glasses]

ITEM	1971			1980						
	Total	Male	Female	Total	Male	Female	3–16 yrs.	17–24 yrs.	25–44 yrs.	45 yrs. and over
Population, 3 yrs. old and over (mil.)	191.6	92.1	99.5	208.1	100.1	108.0	48.0	32.2	60.6	67.4
Wearing lenses (mil.)	**94.3**	**40.8**	**53.5**	**107.7**	**46.2**	**61.5**	**7.6**	**11.7**	**27.8**	**60.6**
Eyeglasses only (mil.)	90.3	39.7	50.6	97.9	43.3	54.6	7.0	8.7	22.8	59.3
Contact lenses (mil.)	4.0	1.1	2.9	9.9	2.9	7.0	.5	3.1	5.0	1.3
Percent wearing lenses	**49.2**	**44.2**	**53.8**	**51.8**	**46.2**	**57.0**	**15.7**	**36.5**	**45.9**	**89.9**
Eyeglasses only	47.1	43.1	50.9	47.0	43.2	50.5	14.7	26.9	37.7	88.0
Contact lenses	2.1	1.2	2.9	4.8	2.9	6.5	1.1	9.6	8.2	2.0

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, number 93, and unpublished data.

No. 189. Drug Use, by Type of Drug and Age Group: 1974 and 1982

[Current users are those who used drugs at least once within month prior to this study. For 1982, based on national samples of 1,581 youths (12–17 yrs. old), 1,283 young adults (18–25 yrs. old), and 2,760 older adults (26 yrs. old and over). Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF YOUTHS				PERCENT OF YOUNG ADULTS				PERCENT OF ADULTS			
	Ever used		Current user		Ever used		Current user		Ever used		Current user	
	1974	1982	1974	1982	1974	1982	1974	1982	1974	1982	1974	1982
Marihuana	23.0	26.7	12.0	11.5	52.7	64.1	25.2	27.4	9.9	23.0	2.0	6.6
Inhalants	8.5	(NA)	.7	(NA)	9.2	(NA)	(Z)	(NA)	1.2	(NA)	(Z)	(NA)
Hallucinogens	6.0	5.2	1.3	1.4	16.6	21.1	2.5	1.7	1.3	6.4	(Z)	1.2
Cocaine	3.6	6.5	1.0	1.6	12.7	28.3	3.1	6.8	.9	8.5	(Z)	(NA)
Heroin	1.0	(Z)	(Z)	(Z)	4.5	1.2	(Z)	(Z)	.5	1.1	(Z)	.6
Analgesics	(NA)	4.2	(NA)	2.6	(NA)	12.1	(NA)	4.7	(NA)	3.2	(NA)	(NA)
Stimulants [1]	5.0	6.7	1.0	1.3	17.0	18.0	3.7	2.6	3.0	6.2	(Z)	(NA)
Sedatives [1]	5.0	5.8	1.0	.9	15.0	18.7	1.6	1.6	2.0	4.8	(Z)	(NA)
Tranquilizers [1]	3.0	4.9	1.0	.7	10.0	15.1	1.2	1.0	2.0	3.6	(Z)	1.2
Alcohol	54.0	65.2	34.0	26.9	81.6	94.6	69.3	67.9	73.2	88.2	54.5	56.7
Cigarettes	52.0	49.5	25.0	14.7	68.8	76.9	48.8	39.5	65.4	78.7	39.1	34.6

NA Not available. Z Less than .5 percent. [1] Prescription drugs.

No. 190. Marihuana and Alcohol—Percent of Population Who Are Current Users: 1972 to 1982

[See headnote, table 189]

CHARACTERISTIC	YOUTHS				YOUNG ADULTS			ADULTS		
	1972	1976	1979	1982	1976	1979	1982	1976	1979	1982
MARIHUANA										
Current users, total	**7**	**12**	**17**	**12**	**25**	**35**	**27**	**4**	**6**	**7**
Male	9	14	19	13	31	45	36	6	9	10
Female	6	11	14	10	19	20	19	2	3	3
White	8	12	17	12	26	36	26	3	6	6
Black and other	2	11	15	10	22	34	35	6	8	9
SMSA's with 1 million or more inhabitants [1]	(NA)	18	20	17	29	39	32	5	8	9
SMSA's with under 1 million inhabitants [1]	(NA)	11	14	8	28	36	26	4	6	6
Nonmetropolitan areas	(NA)	8	15	9	16	30	23	1	4	3
ALCOHOL [2]										
Current users, total	**24**	**32**	**37**	**27**	**69**	**76**	**68**	**56**	**61**	**57**
Male	27	36	39	27	79	84	75	63	72	69
Female	21	29	36	27	58	68	61	49	52	46
White	24	34	38	29	72	78	71	57	62	57
Black and other	19	23	29	16	54	62	51	50	56	51
SMSA's with 1 million or more inhabitants [1]	24	38	40	33	78	80	74	70	72	67
SMSA's with under 1 million inhabitants [1]	28	33	35	20	72	75	66	54	58	55
Nonmetropolitan areas	20	26	35	27	55	71	64	41	51	44

NA Not available. [1] Refers to standard metropolitan statistical areas as defined in 1970 census publications. For definition of SMSA, see Appendix II. [2] For 1972 and 1976, respondent gave answers orally. Beginning 1979, respondent marked answer on a private sheet.

Source of tables 189 and 190: U.S. National Institute on Drug Abuse, *National Survey on Drug Abuse: Main Findings, 1982.*

No. 191. Drug Abuse Treatment Units: 1977 to 1982

[**In thousands, except as noted. 1977** as of **April 30; 1980** and **1982** as of **Sept. 30.** Includes Puerto Rico, Guam, and Virgin Islands. Treatment unit refers to a facility that specifically provides direct, on-site drug abuse treatment services to its clients. Based on a complete census of all known units; for 1982, the response rate was 89.4 percent]

ITEM	1977	1980	1982	ITEM	1977	1980	1982
Treatment units (number)	3,147	3,449	3,018	**Clients**—Con.			
Clients [1]	**234.6**	**181.5**	**196.3**	Outpatient and day care	203.3	157.2	149.5
				Residential	18.5	15.1	14.8
By mode of treatment:				Hospital inpatient	3.7	2.6	2.9
Drug free [2]	147.2	105.0	95.9	Prison	9.1	6.6	6.2
Detoxification [3]	5.8	5.2	5.1	Total funding (mil. dol.)	510.7	486.6	533.6
Methadone maintenance [4]	80.0	67.9	72.0	Total staff	40.5	[5] 36.0	[5] 34.0

[1] Includes items not shown separately. [2] Drug withdrawal without medication. [3] Drug withdrawal supported by use of prescribed medication. If methadone used, treatment for 21 days or less. [4] Continued use of methadone for a period of more than 21 days. Includes other maintenance treatments. [5] Includes staff for alcoholism treatment when drug abuse and alcoholism are treated at same unit. Full-time equivalent employment.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series*, series F, periodic.

No. 192. Alcohol Consumption Patterns by Sex, Age, and Marital Status: 1979

[**In percent.** Based on a national survey with 1,772 respondents and subject to sampling variability. Survey is based on self-reported consumption and covers persons 18 years old and over living in households in the contiguous 48 States. Covers drinks of beer, wine, and distilled spirits]

Age and marital status	Total			Male			Female		
		Drinkers			Drinkers			Drinkers	
	Abstainers	1–60 drinks per month	More than 60 drinks per month	Abstainers	1–60 drinks per month	More than 60 drinks per month	Abstainers	1–60 drinks per month	More than 60 drinks per month
Total	**33**	**54**	**13**	**25**	**54**	**21**	**40**	**54**	**5**
18–20 years	18	71	11	5	79	17	31	64	5
21–25 years	13	66	21	10	54	36	15	78	6
26–30 years	25	58	17	20	50	29	30	65	5
31–40 years	26	60	14	25	55	19	27	65	9
41–50 years	36	49	15	27	52	21	43	46	10
51–60 years	42	48	10	32	51	17	50	46	4
61–70 years	50	45	4	38	53	8	61	38	1
70 years old and over	54	41	5	41	45	13	61	39	-
Never married	20	60	21	13	57	31	29	63	8
Married	35	55	11	29	54	17	40	55	5
Widowed	59	36	5	35	54	11	65	32	3
Divorced/separated	26	59	15	26	45	29	26	68	6

- Represents or rounds to zeros.

Source: Clark, W.B. and Midanik, L. "Alcohol Use and Alcohol Problems Among U.S. Adults: Results of the 1979 National Survey." In: National Institute on Alcohol Abuse and Alcoholism. Alcohol and Health Monograph No. 1, Alcohol Consumption and Related Problems. DHHS Pub. No (ADM) 82-1190, 1982.

No. 193. Cigarette Smoking by Sex and Age: 1970 and 1980

[**Civilian noninstitutional population, 17 years old and over.** Based on National Health Interview Survey; see Appendix III. Smoking data were obtained from self-respondents only]

Sex and age	Unit	Total population [1]	Persons who never smoked	Persons who ever smoked [2]	Former smokers	Present smokers				
						Total [3]	Cigarettes smoked per day (heaviest amount)			
							Under 15	15–24	25–34	35 or more
1970: Both sexes	1,000	**133,132**	**59,675**	**72,678**	**23,859**	**48,819**	**15,517**	**20,628**	**5,256**	**5,707**
Percent of total	Percent	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
Male	1,000	**62,310**	**19,144**	**42,773**	**15,861**	**26,912**	**7,163**	**11,458**	**3,160**	**3,959**
Percent of total	Percent	100.0	30.7	68.6	25.5	43.2	11.5	18.4	5.1	6.4
17–24 years	1,000	12,034	5,844	6,016	1,131	4,885	1,822	2,053	442	277
25–44 years	1,000	22,542	5,779	16,641	5,235	11,406	2,516	5,124	1,505	1,895
45–64 years	1,000	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,625
65 years and over	1,000	8,090	3,007	5,051	3,193	1,858	778	678	131	162
Female	1,000	**70,822**	**40,531**	**29,905**	**7,998**	**21,907**	**8,354**	**9,170**	**2,096**	**1,748**
Percent of total	Percent	100.0	57.2	42.2	11.3	30.9	11.8	12.9	3.0	2.5
17–24 years	1,000	13,908	8,582	5,188	991	4,198	1,927	1,635	286	192
25–44 years	1,000	24,349	11,302	12,958	3,550	9,408	3,211	4,004	1,106	900
45–64 years	1,000	21,658	11,813	9,744	2,632	7,111	2,675	3,056	648	583
65 years and over	1,000	10,907	8,835	2,015	825	1,190	541	475	56	74
1980: Both sexes [4]	1,000	**160,798**	**74,086**	**85,572**	**33,130**	**52,442**	**15,200**	**21,806**	**6,800**	**7,945**
Percent of total	Percent	100.0	46.1	53.2	20.6	32.6	9.5	13.6	4.2	4.9
Male	1,000	**75,970**	**26,906**	**48,423**	**20,672**	**27,751**	**6,589**	**11,543**	**4,045**	**5,100**
Percent of total	Percent	100.0	35.4	63.7	27.2	36.5	8.7	15.2	5.3	6.7
17–24 years	1,000	15,699	9,059	6,522	1,504	5,018	1,694	2,308	494	445
25–44 years	1,000	29,549	9,837	19,457	6,886	12,571	2,584	5,572	2,006	2,276
45–64 years	1,000	20,830	4,593	16,014	7,612	8,402	1,759	2,942	1,362	2,133
65 years and over	1,000	9,891	3,418	6,431	4,670	1,760	551	723	183	246
Female	1,000	**84,828**	**47,180**	**37,149**	**12,458**	**24,690**	**8,611**	**10,262**	**2,755**	**2,845**
Percent of total	Percent	100.0	55.6	43.8	14.7	29.1	10.2	12.1	3.2	3.4
17–24 years	1,000	16,477	9,832	6,556	1,504	5,051	2,269	2,036	343	374
25–44 years	1,000	31,493	15,917	15,444	5,099	10,345	3,172	4,204	1,358	1,509
45–64 years	1,000	22,725	11,737	10,795	3,862	6,933	2,035	3,132	830	879
65 years and over	1,000	14,133	9,694	4,354	1,993	2,361	1,136	891	223	[5] 83

[1] Includes persons for whom smoking status is unknown. [2] Excludes smokers with unknown present smoking status. [3] Includes smokers for whom the number of cigarettes smoked per day is unknown. [4] Estimates are based on data collected for 2 quarters, July–December, 1980. [5] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, vol. 21, No. 3 supplement, June 1972; and unpublished data.

No. 194. Average Heights and Weights, by Age and Sex: 1960–1962, 1971–1974, and 1976–1980

[Height was measured without shoes. For 1960–1962, two pounds are deducted to allow for weight of clothing; for 1971–1974 and 1976–1980 total of all clothing ranged from .2 to .62 pound, which are not deducted from weights shown. Based on sample and subject to sampling variability; see source. X Not applicable]

Sex, period, and height	Weight (inches)						Weigth (lb.)					
	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years
MEN												
1960–1962, total	68.7	69.1	68.5	68.2	67.4	66.9	158	169	170	170	164	158
1971–1974, total	69.7	69.6	69.1	68.9	68.3	67.3	165	176	178	175	171	164
1976–1980, total	69.7	69.6	69.4	69.0	68.4	67.4	163	173	178	178	174	165
5'2"	(x)	(x)	(x)	(x)	(x)	(x)	130	139	146	148	147	143
5'3"	(x)	(x)	(x)	(x)	(x)	(x)	135	145	149	154	151	148
5'4"	(x)	(x)	(x)	(x)	(x)	(x)	139	151	155	158	156	152
5'5"	(x)	(x)	(x)	(x)	(x)	(x)	143	155	159	163	160	156
5'6"	(x)	(x)	(x)	(x)	(x)	(x)	148	159	164	167	165	161
5'7"	(x)	(x)	(x)	(x)	(x)	(x)	152	164	169	171	170	165
5'8"	(x)	(x)	(x)	(x)	(x)	(x)	157	168	174	176	174	169
5'9"	(x)	(x)	(x)	(x)	(x)	(x)	162	173	178	180	178	174
5'10"	(x)	(x)	(x)	(x)	(x)	(x)	166	177	183	185	183	178
5'11"	(x)	(x)	(x)	(x)	(x)	(x)	171	182	188	190	187	182
6'	(x)	(x)	(x)	(x)	(x)	(x)	175	186	192	194	192	187
6'1"	(x)	(x)	(x)	(x)	(x)	(x)	180	191	197	198	197	192
6'2"	(x)	(x)	(x)	(x)	(x)	(x)	185	196	202	204	201	195
WOMEN												
1960–1962, total	63.8	63.7	63.5	62.9	62.3	61.5	127	134	142	145	150	144
1971–1974, total	64.3	64.1	64.1	63.6	62.8	62.3	132	140	148	149	149	146
1976–1980, total	64.3	64.2	64.1	63.5	63.0	62.2	134	142	148	150	150	147
4'9"	(x)	(x)	(x)	(x)	(x)	(x)	111	120	131	129	132	132
4'10"	(x)	(x)	(x)	(x)	(x)	(x)	114	123	133	132	135	135
4'11"	(x)	(x)	(x)	(x)	(x)	(x)	118	126	136	136	138	133
5'	(x)	(x)	(x)	(x)	(x)	(x)	121	130	139	139	142	142
5'1"	(x)	(x)	(x)	(x)	(x)	(x)	124	133	141	143	145	145
5'2"	(x)	(x)	(x)	(x)	(x)	(x)	128	136	144	146	148	148
5'3"	(x)	(x)	(x)	(x)	(x)	(x)	131	139	146	150	151	151
5'4"	(x)	(x)	(x)	(x)	(x)	(x)	134	142	149	153	154	154
5'5"	(x)	(x)	(x)	(x)	(x)	(x)	137	146	151	157	157	157
5'6"	(x)	(x)	(x)	(x)	(x)	(x)	141	149	154	160	161	160
5'7"	(x)	(x)	(x)	(x)	(x)	(x)	144	152	156	164	164	163
5'8"	(x)	(x)	(x)	(x)	(x)	(x)	147	155	159	168	167	166

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, and unpublished data.

No. 195. Nutrition—Nutrients Available for Civilian Consumption per Capita per Day and Indexes: 1960 to 1982

[Based on Bureau of the Census estimated population as of **July 1.** Quantities of nutrients computed by source on the basis of estimates prepared by the Economic Research Service of per capita food consumption (retail weight), including home garden produce. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: Vitamin A value to margarine, milk of all types, milk extenders; vitamin B_6 to cereals, meal replacements, infant formulas; vitamin B_{12} to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, milk extenders, and cereals. Minus sign (−) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851–856, for related data]

Nutrient	Unit	1960	1965	1970	1975	1979	1980	1981	1982	Percent change 1960–1970	Percent change 1970–1980	Percent change 1980–1982
Food energy	Calories	3,180	3,190	3,330	3,260	3,420	3,410	3,410	3,380	4.7	2.4	−.9
Protein	Grams	96	96	100	99	101	100	100	99	4.2	-	−1.0
Fat	Grams	147	150	160	152	162	163	164	162	8.8	1.9	−.6
Carbohydrate	Grams	373	370	379	380	396	392	391	388	1.6	3.4	−1.0
Calcium	Grams	.93	.92	.90	.87	.90	.90	.87	.88	−3.2	-	−2.2
Phosphorus	Grams	1.51	1.49	1.51	1.48	1.52	1.50	1.48	1.47	-	−.7	−2.0
Iron	Milligrams	15.8	15.9	16.9	16.9	17.0	16.8	16.8	16.6	7.0	−.6	−1.2
Magnesium	Milligrams	340	334	336	336	339	333	330	331	−1.2	−.9	−.6
Vitamin A	Int'l units	8,000	7,500	7,900	7,800	8,000	7,600	7,700	7,800	−1.2	−3.8	2.6
Thiamin	Milligrams	1.91	1.84	1.95	1.97	2.15	2.16	2.12	2.07	2.1	10.8	−4.2
Riboflavin	Milligrams	2.25	2.21	2.26	2.28	2.40	2.36	2.30	2.28	.4	4.4	−3.4
Niacin	Milligrams	21.6	22.3	24.0	24.6	26.2	25.7	25.8	25.6	11.1	7.1	−.4
Vitamin B_6	Milligrams	1.85	1.82	1.97	1.96	2.02	2.00	1.97	1.97	6.5	1.5	−1.5
Vitamin B_{12}	Micrograms	8.9	8.9	9.6	9.2	9.2	9.0	9.1	8.7	7.9	−6.2	−3.3
Ascorbic acid	Milligrams	103	95	107	117	119	120	117	118	3.9	12.2	−1.7
INDEXES (1967 = 100)												
Food energy	Percent	98	98	102	100	105	105	105	104	4.1	2.9	−1.0
Protein	Percent	98	98	102	101	103	102	102	101	4.1	-	−1.0
Fat	Percent	95	97	103	98	105	105	106	105	8.4	1.9	-
Carbohydrate	Percent	100	99	101	102	106	105	105	104	1.0	4.0	−1.0

- Represents zero.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Data published by Economic Research Service in *Food Consumption, Prices, and Expenditures*, annual; and *National Food Review*, quarterly.

No. 196. Per Capita Consumption of Major Food Commodities: 1960 to 1983

[**In pounds, except as indicated.** Consumption represents the residual after exports, nonfood use, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. Based on Bureau of the Census population estimates. For similar but unrevised data, see *Historical Statistics, Colonial Times to 1970*, series G 881-915]

COMMODITY	1960	1965	1970	1975	1979	1980	1981	1982	1983, prel.
Meats (carcass weight)	173.7	175.6	192.2	180.3	177.8	180.2	177.8	170.8	176.4
Beef	85.0	99.5	113.5	118.8	105.5	103.4	104.3	104.4	106.5
Veal	6.1	5.2	2.9	4.1	2.0	1.8	1.9	2.0	2.0
Lamb and mutton	4.8	3.7	3.2	2.0	1.5	1.5	1.6	1.7	1.7
Pork (excluding lard)	77.7	67.2	72.6	55.4	68.8	73.5	69.9	62.7	66.2
Fish (edible weight)	10.3	10.8	11.8	12.2	13.0	12.8	12.9	12.3	12.9
Fresh and frozen	5.7	6.0	6.9	7.5	7.8	8.0	7.8	7.7	8.0
Canned	4.0	4.3	4.5	4.3	4.8	4.5	4.8	4.3	4.6
Cured	.6	.5	.4	.4	.4	.3	.3	.3	.3
Poultry products:									
Eggs (number)	334	313	309	276	278	272	266	265	261
Chicken (ready-to-cook)	27.8	33.3	40.4	40.1	50.6	50.1	51.7	52.9	54.4
Turkey (ready-to-cook)	6.2	7.4	8.0	8.5	9.9	10.5	10.7	10.8	11.2
Dairy products:									
Total milk fat solids	24.5	22.9	20.6	19.8	20.1	19.9	19.8	20.5	21.7
Total nonfat milk solids	43.4	40.6	39.7	37.5	37.2	36.5	36.4	36.1	37.0
Cheese	8.3	9.6	11.5	14.3	17.2	17.6	18.4	20.1	20.6
Condensed and evaporated whole milk	13.7	10.6	7.1	5.2	4.1	3.8	4.1	4.0	3.9
Fluid milk and cream (product weight)	302	292	277	267	253	250	246	242	238
Ice cream (product weight)	18.3	18.5	17.6	18.5	17.1	17.4	17.2	17.5	17.9
Fats and oils, total (fat content)	45.1	47.7	52.6	52.3	55.8	55.8	57.5	58.4	59.6
Butter (actual weight)	7.5	6.4	5.3	4.7	4.5	4.5	4.3	4.6	5.1
Margarine (actual weight)	9.3	9.8	10.8	11.0	11.2	11.3	11.1	11.1	10.4
Lard	7.5	6.3	4.6	2.8	2.4	2.4	2.5	2.5	1.8
Shortening	12.6	14.2	17.3	17.0	18.4	18.2	18.5	18.7	18.6
Other edible fats and oils	11.4	14.1	17.7	19.9	22.4	22.7	23.2	23.2	24.8
Fruits:									
Fresh, total (farm weight)	93.9	81.4	80.1	84.9	83.9	88.6	86.8	87.1	94.9
Citrus [1]	33.7	29.2	28.8	29.4	24.6	28.9	25.0	24.7	31.7
Apples (commercial)	18.3	16.3	17.0	19.1	17.6	17.9	16.8	17.9	18.5
Other (excluding melons)	41.9	35.9	34.3	36.0	41.4	41.4	45.0	44.5	44.7
Processed:									
Canned fruit	22.6	23.5	23.3	19.0	17.8	17.4	16.4	13.1	13.0
Canned juices (excl. frozen)	12.9	10.6	14.5	14.6	16.9	16.7	19.1	13.7	16.2
Frozen (including juices)	9.2	8.7	9.9	14.0	12.6	13.0	12.7	14.0	15.0
Dried [2]	3.1	3.0	2.7	2.9	2.6	2.4	2.7	2.9	2.9
Vegetables: [3]									
Fresh (farm weight) [4]	105.7	98.3	99.1	98.0	104.7	107.3	104.6	79.1	78.2
Canned (excluding potatoes and sweet potatoes)	43.4	46.9	51.1	51.9	55.6	49.8	45.6	45.6	47.1
Frozen (excluding potatoes)	7.0	8.0	9.6	9.6	11.2	10.4	11.6	10.7	11.1
Potatoes (fresh equivalent, farm weight) [3 5]	109	107	117	120	120	118	115	120	119
Frozen potatoes (retail weight)	2.7	5.7	11.1	13.7	17.7	16.9	18.2	18.1	18.7
Sweet potatoes (fresh equivalent) [3 5]	7.1	7.1	5.5	5.4	4.8	4.6	4.5	6.0	5.2
Dry edible beans	7.3	6.6	6.4	6.5	4.7	5.4	5.4	7.4	6.2
Melons (farm weight) [3]	25.8	23.6	23.2	18.9	20.8	19.3	20.8	22.4	(NA)
Sugar (refined)	97.6	97.0	101.7	89.1	89.3	83.7	79.4	73.7	71.0
Grains:									
Cornmeal and other [6]	14.3	15.1	15.8	15.9	15.9	15.8	15.8	15.8	15.8
Corn sweeteners	13.9	18.2	23.4	34.2	47.2	52.7	58.8	63.8	69.4
Oat food products	3.6	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.1
Wheat flour [7]	118	113	111	114	117	117	116	114	116
Wheat breakfast cereals	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Rye flour	1.1	1.1	1.2	1.0	.7	.7	.7	.6	.7
Rice, milled [1]	6.1	7.6	6.7	7.6	9.4	9.4	11.0	11.8	9.8
Other:									
Coffee (green beans)	15.8	14.8	13.7	12.2	11.3	10.3	10.3	10.1	10.2
Tea	.6	.7	.7	.8	.7	.8	.8	.8	.7
Soft drinks (gallons)	13.6	19.2	23.7	27.3	36.8	37.8	38.9	39.6	40.0
Cocoa beans	3.6	4.0	3.9	3.2	3.2	3.2	3.6	3.8	4.1
Peanuts (shelled) [8]	4.9	5.6	5.8	6.5	6.8	5.5	6.3	6.7	6.7
Food consumption [9] (1967=100)	97	99	102	102	105	104	105	104	106

NA Not available. [1] For crop year beginning in previous year. [2] For pack year. [3] Excludes produce from home gardens. [4] Beginning 1982, not comparable to prior years due to crop production reporting cutbacks. [5] Includes quantities canned and frozen. [6] Includes cornstarch, corn cereal, and hominy. [7] Comprises white, whole wheat, and semolina flour. [8] For crop year beginning September of year shown. [9] Retail weight equivalent, weighted by constant retail prices.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures* (Statistical Bulletin 702), December 1983 and unpublished data.

NO. 197. DAILY PER CAPITA INTAKE OF SELECTED NUTRIENTS, BY RACE AND INCOME LEVELS: 1971–1974 AND 1976–1980

[**Covers persons 1–74 years old.** Represents average daily intake per person. Data are based on 24-hour recall of respondent. For definition of median and mean, see Guide to Tabular Presentation. Based on findings of a sample survey in the first and second Health and Nutrition Examination Survey. Subject to sampling variability; see source]

NUTRIENT	1971–1974					1976–1980				
	Total persons [1]	White	Black	Persons with income [2]— Below poverty level	Persons with income [2]— Above poverty level	Total persons [1]	White	Black	Persons with income [2]— Below poverty level	Persons with income [2]— Above poverty level
Calories, mean	1,994	2,017	1,825	1,817	2,021	1,976	1,999	1,842	1,844	2,001
Median	1,820	1,840	1,668	1,645	1,845	1,773	1,797	1,650	1,667	1,797
Protein (g), mean	77.83	78.92	69.65	68.76	79.11	76.19	77.13	69.37	68.69	77.52
Median	69.63	70.78	60.85	61.41	70.96	66.31	67.26	60.56	59.77	67.56
Calcium (mg), mean	867	897	654	782	882	824	851	655	775	835
Median	727	755	553	653	740	686	708	543	651	695
Iron (mg), mean	11.95	12.10	10.80	10.70	12.13	13.01	13.23	11.61	11.71	13.24
Median	10.58	10.69	9.55	9.38	10.77	11.29	11.42	10.07	10.08	11.47
Vitamin A (I.U.), mean	4,774	4,802	4,613	4,381	4,821	5,146	5,101	5,443	4,489	5,253
Median	3,060	3,133	2,569	2,627	3,147	3,321	3,377	2,818	2,820	3,409
Vitamin C (mg), mean	86.32	86.99	80.01	72.05	88.53	100.82	100.07	101.64	84.46	103.47
Median	59.23	60.42	49.09	41.37	61.97	68.88	68.80	65.98	50.96	71.57

[1] Includes persons of other races, not shown separately. [2] See text, p. 429 and table 758.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 202 and unpublished data.

NO. 198. FEDERAL FOOD PROGRAMS: 1965 TO 1983

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Program data include Puerto Rico, Virgin Islands, Guam, American Samoa, and the Trust Territory when a Federal food program was operated in these areas. All participation data are average monthly figures except as noted. Participants are not reported for the special milk program, the nutrition program for the elderly, and the commodity distribution programs. Cost data are direct Federal benefits to recipients; they exclude Federal administrative payments and applicable State and local contributions. Federal costs for commodities and cash-in-lieu of commodities are shown separately from direct cash benefits]

PROGRAM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Food Stamp:											
Participants	Million	.4	4.3	17.1	17.1	16.0	17.7	21.1	22.4	21.7	21.6
Federal cost	Mil. dol	33	550	4,386	5,067	5,139	6,468	8,693	10,630	10,213	11,156
National school lunch program (NSLP): [1]											
Free lunches served	Million	286	739	1,638	1,696	1,659	1,623	1,671	1,737	1,622	1,713
Reduced-price lunches served	Million	(NA)	(NA)	(NA)	209	249	278	308	312	262	253
Children participating [2]	Million	18.3	22.5	24.9	26.3	26.7	27.0	26.6	25.8	22.9	23.2
Federal cost	Mil. dol	130	300	1,289	1,570	1,808	1,984	2,282	2,381	2,185	2,401
School breakfast (SB):											
Children participating	Million	(x)	.5	2.0	2.6	3.0	3.5	3.7	4.0	3.4	3.5
Federal cost	Mil. dol	(x)	11	86	149	181	231	288	332	317	336
Special school milk:											
Quantity reimbursed	Mil. ½ pt	2,967	2,902	2,139	2,204	1,990	1,821	1,796	1,542	202	189
Federal cost	Mil. dol	97	101	123	150	135	134	145	101	18	18
Women-infant-children: [3]											
Participants	Million	(x)	(x)	.5	.9	1.3	1.6	2.0	2.2	2.3	2.7
Federal cost	Mil. dol	(x)	(x)	94	226	325	444	603	729	776	926
Child care feeding (CC): [4]											
Children participating [5]	Million	(x)	.1	.4	.5	.6	.6	.7	.8	.9	.9
Federal cost	Mil. dol	(x)	[6] 8	[6] 99	109	135	164	212	297	268	306
Summer feeding: [7]											
Children participating [8]	Million	(x)	.2	1.4	2.1	1.8	1.6	1.6	1.4	1.0	1.1
Federal cost	Mil. dol	(x)	([6])	([6])	110	96	106	85	103	100	96
Needy family commodity:											
Participants	Million	5.3	3.8	.3	.1	.1	.1	.1	.1	.1	.1
Federal cost	Mil. dol	227	289	56	11	13	18	21	39	39	50
Nutrition program for the elderly:											
Meals served	Million	(x)	(x)	11	105	134	154	166	184	194	200
Federal cost	Mil. dol	(x)	(x)	2	19	38	58	75	94	103	108
Federal cost of commodities donated to: [9]											
Schools (NSLP, CC and SB)	Mil. dol	272	265	431	554	629	760	919	907	779	867
Charitable institutions, summer camps	Mil. dol	30	23	20	18	28	54	71	132	111	212
Emergency feeding	Mil. dol	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	180	947

NA Not available. X Not applicable. [1] See headnote, table 201. [2] Nine month (September through May) average daily meals (lunches or breakfasts) served divided by the ratio of average daily attendance to enrollment. [3] Covers special supplemental food program (WIC) and commodity supplemental food program. [4] Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. [5] Annual average daily attendance at participating institutions. [6] Cost data for summer feeding program included with child care food program as the two programs were combined between 1970 and 1975. [7] Program provides free meals to children in poor areas during summer months. [8] Three-month (June through August) average daily attendance at participating institutions. [9] Includes the Federal cost of commodity entitlements, cash-in-lieu of commodities, bonus foods, and emergency food distribution.

Source: U.S. Dept. of Agricultural, Food and Nutrition Service. in *Agricultural Statistics*, annual, and unpublished data.

No. 199. Federal Food Stamp Program: 1961 to 1983

[Except as noted, for years ending **June 30** through **1976**; beginning **1977**, ending **Sept. 30.** Beginning **1975**, includes Puerto Rico (through June 30, 1982), Guam, and Virgin Islands]

Year	Participants [1] (1,000)	Average monthly participation (1,000)	Value of stamps issued: Total coupon value (mil. dol.)	Value of stamps issued: Cost to participants (mil. dol.)	Federal Govt. contribution: Total (mil. dol.)	Federal Govt. contribution: Percent of total coupon value	Federal Govt. contribution: Average monthly per participant
1961	50	50	1	(Z)	(Z)	46.1	$7.68
1965	633	425	85	53	33	38.0	6.38
1970	6,457	4,340	1,090	540	550	50.4	10.55
1971	10,549	9,368	2,713	1,190	1,523	56.1	13.55
1972	11,594	11,109	3,309	1,512	1,797	54.3	13.48
1973	12,107	12,166	3,884	1,753	2,131	54.9	14.60
1974	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975	19,197	17,064	7,266	2,880	4,386	60.4	21.41
1976	17,982	18,549	8,700	3,373	5,327	61.2	23.93
1977	16,134	17,077	8,351	3,284	5,067	60.7	24.73
1978	15,248	16,000	8,280	3,141	5,139	62.0	26.77
1979	19,323	17,652	[2] 7,225	[2] 747	6,478	([2])	30.59
1980	22,050	21,087	[2] 8,693	([2])	8,693	([2])	34.35
1981	22,161	22,431	[2] 10,630	([2])	10,630	([2])	39.49
1982	20,527	21,717	[2] 10,213	([2])	10,213	([2])	39.17
1983, prel	21,077	21,625	[2] 11,156	([2])	11,156	([2])	42.98

Z Less than $500,000. [1] As of end of fiscal year. [2] As of Jan. 1, 1979, participants were no longer required to pay for a portion of total coupon value.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual.

No. 200. Households Receiving Food Stamps or School Lunch Program by Income Level: 1982

[Households as of **March 1983.** Covers civilian noninstitutional population, including persons in the Armed Forces living off post or with their families on post. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. There are general trends toward under-estimation of noncash beneficiaries. Persons of Spanish origin may be of any race. For composition of regions, see fig. I, inside front cover. For definitions of household types, see text, p. 4. Hhlds.=households]

Type of benefit and characteristic	Recipient households (1,000): Total	Total money income: Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000 and over	Below poverty level	Above poverty level	Recipient hhlds. as percent of total: Total	Below poverty level	Above poverty level
FOOD STAMPS										
Total households [1]	**7,184**	**3,091**	**2,369**	**953**	**771**	**5,192**	**1,992**	**8.6**	**42.7**	**2.8**
White	4,627	1,863	1,544	673	548	3,178	1,449	6.3	36.3	2.2
Black	2,349	1,182	737	244	188	1,879	470	26.3	61.0	8.1
Spanish origin	770	272	306	109	83	587	183	18.8	51.4	6.2
Northeast	1,382	597	515	148	123	1,038	344	7.7	44.9	2.2
Midwest	1,794	796	580	240	179	1,288	506	8.4	45.4	2.7
South	2,906	1,381	883	353	289	2,181	725	*10.3*	*44.2*	*3.1*
West	1,102	318	390	214	181	684	418	6.7	33.0	2.9
Married-couple families	2,445	437	976	542	490	1,412	1,033	*4.9*	*37.3*	*2.2*
Female family householder [2]	2,920	1,389	1,087	282	163	2,396	524	30.8	69.8	8.7
Nonfamily households	1,613	1,214	238	92	72	1,263	350	7.2	27.2	2.0
SCHOOL LUNCH [3]										
Total households [1]	**5,634**	**1,182**	**1,595**	**1,219**	**1,639**	**3,023**	**2,611**	**21.5**	**66.1**	**12.1**
White	3,506	614	946	825	1,121	1,724	1,782	16.2	59.4	9.5
Black	1,904	537	588	343	436	1,193	711	50.3	78.9	*31.3*
Spanish origin	892	153	276	203	260	502	390	44.5	78.1	28.7
Northeast	1,032	215	322	194	302	570	462	18.9	*63.5*	*10.1*
Midwest	1,141	303	322	218	298	646	495	17.2	62.8	8.8
South	2,415	528	655	540	694	1,293	1,122	26.7	70.8	15.5
West	1,045	136	296	267	346	*513*	*532*	*20.7*	*62.4*	*12.6*
Married-couple families	2,810	248	594	735	1,233	1,105	1,705	14.2	57.0	9.6
Female family householder [2]	2,593	894	951	430	319	1,816	777	47.7	74.2	26.0
Nonfamily households	72	14	8	20	29	25	47	30.9	(B)	(B)

B Base figure too small to meet statistical standards for reliability of derived figure. [1] Includes items not shown separately. [2] No spouse present. [3] Covers households with members 5–18 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 143.

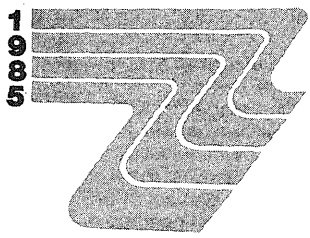
NO. 201. FEDERAL FOOD STAMP AND NATIONAL SCHOOL LUNCH PROGRAMS—STATES AND OTHER AREAS: 1980 TO 1983

[**Cost data** for year ending **Sept. 30. Food stamp participants,** as of **Sept. 30.** Data on pupils participating in National School Lunch Program are for month in which most pupils participated nationwide. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by the Federal Government at rates set by law for each meal served. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, STATE OR OTHER AREA	FOOD STAMP PROGRAM						NATIONAL SCHOOL LUNCH PROGRAM					
	Persons (1,000)			Federal cost (mil. dol.)			Persons (1,000)			Federal cost (mil. dol.)		
	1980	1982	1983	1980	1982	1983	1980	1982	1983	1980	1982	1983
Total	**22,050**	**20,527**	**21,077**	**8,693**	**10,213**	**11,156**	**27,011**	**23,165**	**23,415**	**2,282**	**2,185**	**2,401**
U.S.	**20,115**	**20,447**	**21,001**	**7,830**	**9,502**	**11,110**	**26,384**	**22,607**	**22,802**	**2,202**	**2,090**	**2,302**
Regions:												
Northeast	4,380	4,243	4,311	1,679	1,982	2,206	4,969	3,931	3,982	427	384	413
Midwest	4,339	4,953	5,386	1,606	2,329	2,893	6,767	5,670	5,633	455	427	484
South	8,397	8,077	8,118	3,430	3,823	4,381	10,464	9,329	9,516	953	912	995
West	3,000	3,175	3,186	1,114	1,367	1,631	4,184	3,678	3,670	366	367	410
N. Eng	**945**	**859**	**830**	**358**	**399**	**431**	**1,367**	**991**	**968**	**103**	**85**	**91**
ME	139	125	120	59	65	71	146	122	117	13	11	12
NH	53	45	41	21	24	25	101	68	70	7	5	6
VT	46	48	50	18	21	27	59	51	47	5	4	4
MA	446	394	376	171	189	197	703	497	476	49	39	42
RI	87	79	81	30	36	40	69	54	57	7	7	7
CT	174	167	161	59	64	72	288	198	200	23	19	20
Mid. Atl	**3,434**	**3,384**	**3,481**	**1,321**	**1,583**	**1,774**	**3,602**	**2,939**	**3,014**	**324**	**299**	**322**
NY	1,804	1,792	1,863	723	824	928	1,593	1,467	1,423	173	166	177
NJ	600	540	520	226	271	289	679	519	570	58	53	57
PA	1,030	1,053	1,099	372	488	557	1,331	953	1,021	93	79	88
E. No. Cent	**3,382**	**3,867**	**4,223**	**1,260**	**1,853**	**2,308**	**4,400**	**3,682**	**3,638**	**310**	**301**	**343**
OH	928	1,058	1,183	380	533	667	1,156	915	939	79	81	92
IN	399	442	469	154	213	268	717	632	613	39	35	41
IL	915	1,026	1,123	394	547	663	1,129	948	925	91	94	104
MI	903	1,001	1,096	263	449	570	866	743	731	69	63	74
WI	237	340	351	68	111	140	533	445	430	32	28	32
W. No. Cent	**957**	**1,085**	**1,163**	**347**	**476**	**585**	**2,367**	**1,988**	**1,995**	**145**	**126**	**141**
MN	188	218	240	62	84	103	558	463	465	33	26	29
IA	156	188	208	53	83	104	439	357	375	24	19	23
MO	364	391	412	142	185	222	664	555	527	47	42	45
ND	28	29	31	9	12	15	93	86	88	5	5	5
SD	46	50	47	18	23	27	101	85	90	7	7	8
NE	72	83	90	25	32	42	203	171	178	11	10	12
KS	104	127	136	38	56	71	308	269	273	19	16	19
So. Atl	**3,811**	**3,576**	**3,398**	**1,544**	**1,732**	**1,877**	**4,847**	**4,336**	**4,384**	**444**	**420**	**454**
DE	53	50	47	21	26	28	68	54	54	5	5	5
MD	335	317	306	139	163	178	434	329	334	36	30	32
DC	104	90	81	40	45	46	57	47	50	8	8	8
VA	412	426	408	158	195	221	717	583	598	51	49	52
WV	216	252	278	87	113	146	245	255	230	20	21	25
NC	592	541	513	234	256	266	887	796	803	90	79	83
SC	444	430	412	181	201	222	489	447	474	51	50	53
GA	658	624	605	264	284	318	894	840	862	80	80	84
FL	997	845	749	420	449	453	1,055	984	981	102	99	110
E. So. Cent	**2,283**	**2,282**	**2,322**	**934**	**1,085**	**1,260**	**2,252**	**2,005**	**2,078**	**216**	**210**	**228**
KY	485	538	593	211	268	331	567	488	508	48	45	50
TN	674	622	580	279	313	324	648	586	604	55	54	58
AL	606	617	626	246	279	334	607	546	559	62	61	65
MS	518	506	523	198	225	271	430	385	407	50	50	55
W. So. Cent	**2,303**	**2,219**	**2,398**	**952**	**1,006**	**1,244**	**3,366**	**2,988**	**3,054**	**294**	**282**	**313**
AR	301	306	296	122	133	151	356	276	298	31	29	31
LA	584	532	599	243	242	297	767	683	688	67	63	71
OK	214	201	253	73	75	109	408	355	363	30	27	31
TX	1,203	1,180	1,251	514	555	688	1,835	1,674	1,705	166	164	180
Mt	**817**	**823**	**821**	**335**	**408**	**482**	**1,352**	**1,142**	**1,194**	**99**	**91**	**104**
MT	45	49	53	18	23	27	104	82	84	6	6	6
ID	65	67	62	28	37	40	120	111	114	7	8	9
WY	15	18	23	6	7	12	51	50	54	3	2	3
CO	173	175	182	71	82	101	299	263	274	21	19	21
NM	191	171	161	81	82	96	174	157	163	19	19	21
AZ	227	232	224	94	127	142	291	223	231	23	22	26
UT	65	79	84	22	32	43	233	197	218	14	12	14
NV	37	32	33	15	19	22	80	59	56	5	4	4
Pac	**2,182**	**2,353**	**2,366**	**779**	**959**	**1,148**	**2,832**	**2,535**	**2,476**	**268**	**276**	**306**
WA	260	287	272	90	137	146	354	295	290	26	24	28
OR	213	254	240	80	143	162	277	234	229	18	17	20
CA	1,571	1,691	1,736	527	586	739	2,006	1,828	1,773	210	218	240
AK	32	23	19	22	25	20	33	34	38	4	5	5
HI	106	96	99	60	67	81	162	144	146	9	12	13
PR	1,855	(1)	(1)	827	[2] 670	–	549	466	529	71	83	87
Am. Samoa	(X)	(X)	(X)	(X)	(X)	(X)	9	8	9	1	1	1
GU	24	22	25	15	16	18	22	18	20	2	2	2
VI	34	32	37	19	20	23	20	21	22	3	3	3
Trust territory	(X)	(X)	(X)	(X)	(X)	(X)	22	26	14	3	5	4
No. Mariana	(X)	(X)	(X)	(X)	(X)	(X)	5	5	5	1	1	1
Dept. of Defense	22	26	14	3	5	4	(X)	14	15	(X)	1	1

– Represents zero. X Not applicable. [1] Data for Puerto Rico not included after July 1, 1982 when this Commonwealth was transferred to a nutrition assistance program. [2] The Federal cost for Puerto Rico in FY 82 covers October 1981–June 1982.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service, unpublished data. Federal cost data are published in *Agricultural Statistics,* annual.



Section 5

Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, adult education, and vocational training. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, page 1), and annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), part of the U.S. Department of Education, is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the biennial *Projections of Education Statistics. The Condition of Education,* issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment.

Types and sources of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their families' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

The second type, exemplified by data from NCES and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

School attendance.—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

Schools.—NCES defines a *school* as "a division of the school system consisting of students composing one or more grade groups or other identifiable groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. *Public* schools are schools controlled and supported by local, State, or Federal

governmental agencies; *private* schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary* schools as including grades 1 through 8; *high* schools as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and universities and graduate or professional schools. Statistics reported by NCES and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

Statistical reliability.—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and NCES data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 202. School Enrollment, 1955 to 1982, With Projections to 1992, and Number of Schools, 1955 to 1978

[In thousands. Enrollment as of fall; number of schools for school year ending the following year. See *Historical Statistics, Colonial Times to 1970,* series H421–429]

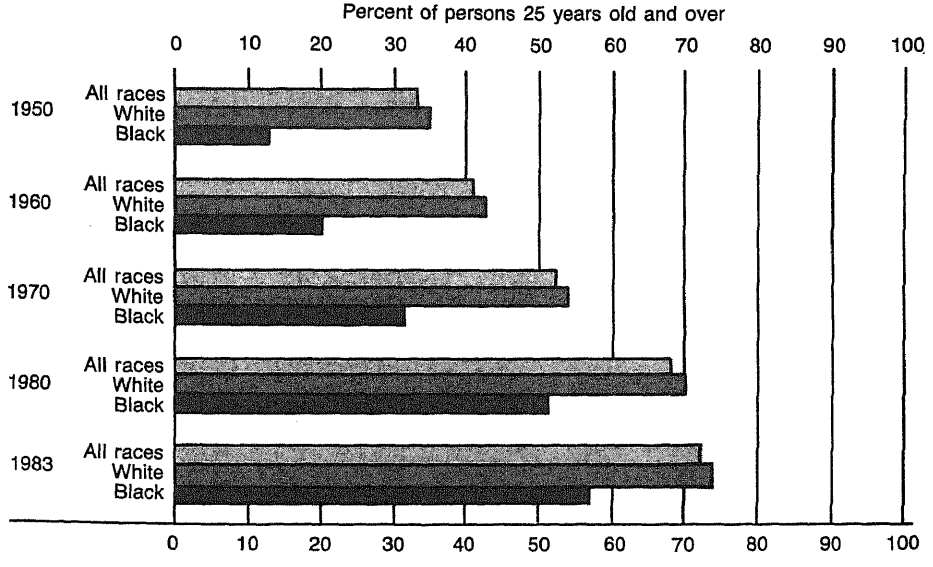
Item and year	Total		Elementary [1]		Secondary		College		Independent nursery and kindergarten	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
Enrollment: [2]										
1955	32,164	5,777	22,159	3,800	8,521	800	[3] 1,484	[3] 1,177	(NA)	(NA)
1961	39,793	7,532	24,603	4,900	12,861	1,100	[3] 2,329	[3] 1,532	(NA)	(NA)
1965	46,144	8,251	26,670	4,900	15,504	1,400	3,970	1,951	305	799
1970	52,337	7,516	27,501	4,052	18,408	1,311	6,428	2,153	421	1,106
1971	52,890	7,344	27,688	3,900	18,398	1,300	6,804	2,144	524	1,110
1972	52,815	7,144	27,323	3,700	18,421	1,300	7,071	2,144	549	1,142
1973	52,850	7,183	26,435	3,700	18,995	1,300	7,420	2,183	343	1,155
1974	53,042	7,235	26,382	3,700	18,671	1,300	7,989	2,235	365	1,372
1975	53,626	7,350	25,640	3,700	19,151	1,300	8,835	2,350	480	1,357
1976	52,970	7,526	25,430	3,825	18,887	1,342	8,653	2,359	499	1,231
1977	52,424	7,577	24,954	3,797	18,623	1,343	8,847	2,437	437	1,228
1978	51,335	7,560	25,017	3,732	17,534	1,353	8,784	2,475	501	1,277
1979	50,682	7,533	24,543	3,700	17,102	1,300	9,037	2,533	555	1,302
1980	50,444	7,602	24,156	3,623	16,831	1,339	9,457	2,640	632	1,434
1981	49,746	7,824	23,819	3,700	16,280	1,400	9,647	2,724	(NA)	(NA)
1982	49,339	7,830	23,865	3,700	15,778	1,400	9,696	2,730	(NA)	(NA)
1985, proj	48,568	7,656	23,581	3,600	15,396	1,400	9,591	2,656	(NA)	(NA)
1990, proj	49,367	7,795	25,907	4,000	13,962	1,200	9,498	2,595	(NA)	(NA)
1992, proj	50,362	7,826	26,785	4,100	14,293	1,200	9,284	2,526	(NA)	(NA)
Schools: [4]										
1955	(X)	(X)	104.4	12.4	26.0	3.9	.7	1.2	(NA)	(NA)
1961	(X)	(X)	81.9	14.8	25.4	4.1	.7	1.3	(NA)	(NA)
1965	(X)	(X)	73.2	15.3	26.6	4.6	.8	1.4	(NA)	(NA)
1970	(X)	(X)	65.8	14.4	25.4	3.8	1.1	1.5	(NA)	(NA)
1976	(X)	(X)	62.6	16.4	25.4	5.9	[5] 1.5	[5] 1.6	(NA)	(NA)
1978	(X)	(X)	62.0	16.1	24.5	5.8	[5] 1.5	[5] 1.7	(NA)	(NA)

NA Not available. X Not applicable. [1] Enrollment includes kindergarten. [2] For regular schools. [3] Degree-credit enrollment only. [4] Excludes schools not reported by level, such as special education. Schools with both elementary and secondary programs are included under elementary and also secondary. [5] Branch campuses counted separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Projections of Education Statistics*, biennial.

Figure 5.1

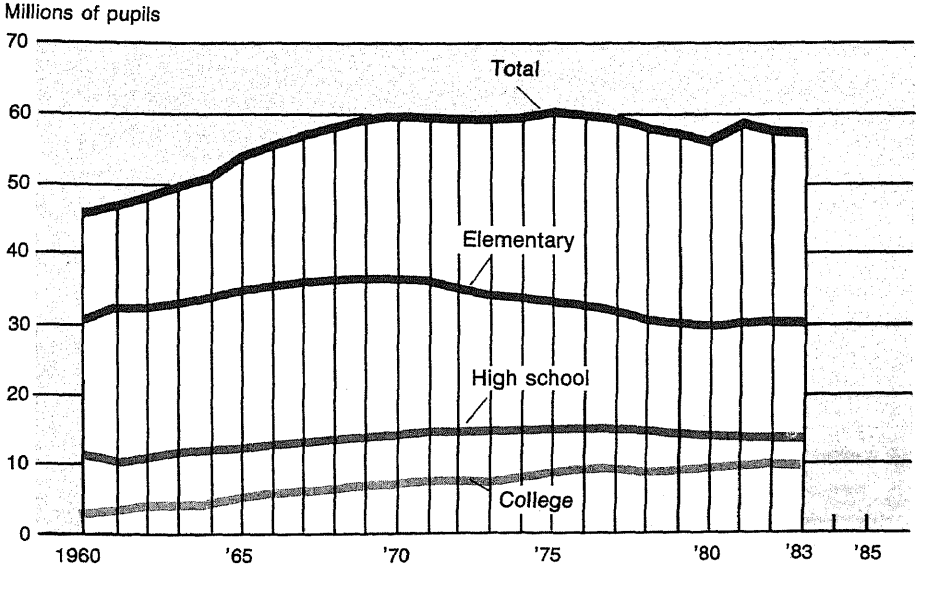
Percent of Adults Who Have Completed Four Years of High School or More: 1950 to 1983



Source: Chart prepared by U.S. Bureau of Census. For data, see table 214.

Figure 5.2

School Enrollment, by Level of Instruction: 1960 to 1983



Source: Chart prepared by U.S Bureau of the Census. For data, see table 209.

No. 203. Public and Private Schools, by Level—States

[For school year ending in year shown. Schools classified by type of organization, rather than by grade-group. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Public, 1981				Private, 1981				Higher education,[5] 1983	
	Total	Elementary [1]	Secondary [2]	Combined [3]	Total	Elementary [4]	Secondary [2]	Combined [3]	Public	Private
U.S	**83,688**	**59,326**	**22,619**	**1,743**	**19,011**	**13,333**	**2,219**	**3,459**	**1,471**	**1,803**
Regions:										
Northeast	15,041	11,263	3,524	254	4,988	3,626	756	606	266	555
Midwest	26,187	18,740	7,216	231	5,976	4,735	625	616	359	504
South	26,517	18,154	7,471	892	4,562	2,602	457	1,503	533	502
West	15,943	11,169	4,408	366	3,485	2,370	381	734	313	242
N. Eng	**5,044**	**3,913**	**1,086**	**45**	**1,052**	**651**	**261**	**140**	**88**	**173**
Maine	747	578	159	10	85	35	23	27	13	16
New Hampshire	442	344	87	11	85	44	25	16	11	17
Vermont	383	317	57	9	45	24	17	4	6	16
Massachusetts	2,139	1,647	484	8	444	286	113	45	31	89
Rhode Island	309	244	63	2	100	68	17	15	3	10
Connecticut	1,024	783	236	5	293	194	66	33	24	25
Mid. Atl	**9,997**	**7,350**	**2,438**	**209**	**3,936**	**2,975**	**495**	**466**	**178**	**382**
New York	4,103	2,838	1,094	171	1,720	1,286	225	209	86	212
New Jersey	2,294	1,828	463	3	721	551	107	63	31	29
Pennsylvania	3,600	2,684	881	35	1,495	1,138	163	194	61	141
E. No. Cent	**15,949**	**11,859**	**3,915**	**175**	**4,182**	**3,317**	**420**	**445**	**223**	**303**
Ohio	3,983	2,952	1,028	3	843	668	109	66	59	81
Indiana	2,091	1,550	512	29	461	349	37	75	28	46
Illinois	4,069	3,111	863	95	1,151	952	130	69	62	96
Michigan	3,688	2,748	895	45	856	608	87	161	44	48
Wisconsin	2,118	1,498	617	3	871	740	57	74	30	32
W. No. Cent	**10,238**	**6,881**	**3,301**	**56**	**1,794**	**1,418**	**205**	**171**	**136**	**201**
Minnesota	1,675	1,038	615	22	462	363	38	61	28	39
Iowa	1,772	1,121	639	12	283	227	32	24	19	39
Missouri	2,084	1,417	657	10	510	408	62	40	28	64
North Dakota	697	418	273	6	63	50	9	4	11	8
South Dakota	729	513	216	-	89	67	10	12	8	12
Nebraska	1,738	1,339	399	-	221	174	32	15	13	15
Kansas	1,543	1,035	502	6	166	129	22	15	29	24
So. Atl	**11,318**	**8,158**	**2,956**	**204**	**2,419**	**1,271**	**231**	**917**	**272**	**265**
Delaware	167	108	58	1	75	41	8	26	5	3
Maryland	1,266	926	322	18	345	231	55	59	32	23
District of Columbia	177	124	52	1	75	48	19	8	2	17
Virginia	1,745	1,259	460	26	317	187	34	96	39	31
West Virginia	1,112	802	281	29	82	49	9	24	16	13
North Carolina	2,001	1,403	550	48	283	113	15	155	74	54
South Carolina	1,129	788	337	4	191	70	11	110	33	30
Georgia	1,784	1,305	451	28	308	115	20	173	34	46
Florida	1,937	1,443	445	49	743	417	60	266	37	48
E. So. Cent	**5,354**	**3,452**	**1,454**	**448**	**925**	**504**	**96**	**325**	**95**	**132**
Kentucky	1,359	1,011	348	-	268	191	32	45	9	35
Tennessee	1,715	1,219	493	3	246	132	33	81	24	57
Alabama	1,403	765	353	285	247	120	13	114	37	23
Mississipi	877	457	260	160	164	61	18	85	25	17
W. So. Cent	**9,845**	**6,544**	**3,061**	**240**	**1,218**	**827**	**130**	**261**	**166**	**105**
Arkansas	1,189	722	461	6	105	63	5	37	19	16
Louisiana	1,442	917	362	163	412	244	54	114	20	12
Oklahoma	1,858	1,176	679	3	79	51	11	17	29	17
Texas	5,356	3,729	1,559	68	622	469	60	93	98	60
Mt	**5,387**	**3,740**	**1,589**	**58**	**692**	**469**	**71**	**152**	**101**	**52**
Montana	788	576	212	-	76	57	6	13	9	6
Idaho	557	356	190	11	45	29	3	13	6	4
Wyoming	375	262	103	10	29	22	1	6	8	-
Colorado	1,266	842	416	8	200	130	23	47	28	20
New Mexico	612	437	173	2	100	65	11	24	16	4
Arizona	897	641	234	22	183	125	19	39	19	11
Utah	621	429	188	4	24	15	5	4	9	5
Nevada	271	197	73	1	35	26	3	6	6	2
Pac	**10,556**	**7,429**	**2,819**	**308**	**2,793**	**1,901**	**310**	**582**	**212**	**190**
Washington	1,741	1,121	542	78	300	187	21	92	33	17
Oregon	1,305	955	346	4	166	110	16	40	21	26
California	6,838	5,002	1,756	80	2,183	1,518	254	411	137	141
Alaska	442	190	120	132	35	14	4	17	12	3
Hawaii	230	161	55	14	109	72	15	22	9	3
U.S. academies	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	10	(x)

- Represents zero. X Not applicable. [1] Includes one-teacher and middle schools. [2] Includes vocational/technical high schools. [3] Includes combined elementary-secondary schools. [4] Includes middle schools.
[5] Branch campuses counted as separate institutions.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 204. School Expenditures, by Type of Control and Level of Instruction: 1955 to 1980

[**In billions of dollars.** For school years ending in **June** of the following year. Excludes "other" schools (see headnote, table 202), accounting for an estimated $500 million in 1980–81. Due to conceptual and methodological differences, these data may not agree with data in table 205. See *Historical Statistics, Colonial Times to 1970,* series H 494, 499, and 500 for related but not comparable data, and H 513–519 for private schools. See also Appendix III]

YEAR	PUBLIC SCHOOLS					PRIVATE SCHOOLS				
	Total	Elementary and secondary		College		Total	Elementary and secondary		College	
		Total	Current expenditures [1]	Total	Current expenditures [1]		Total	Current expenditures [1]	Total	Current expenditures [1]
1955	13.9	11.4	8.4	2.4	1.8	3.2	1.4	1.0	1.8	1.5
1961	23.7	18.6	14.9	5.1	3.7	6.3	2.4	2.0	3.9	3.1
1965	35.1	26.3	21.7	8.8	6.7	9.8	3.4	2.8	6.4	5.2
1970	63.6	46.0	39.6	17.6	14.6	14.7	5.4	4.6	9.3	8.2
1971	67.2	48.1	42.2	19.1	16.0	15.5	5.5	4.8	10.0	8.9
1972	72.6	51.9	46.2	20.7	17.7	16.2	5.6	5.0	10.6	9.6
1973	79.9	57.0	50.5	22.9	19.7	17.7	6.4	5.6	11.3	10.2
1974	91.1	64.8	57.4	26.3	22.8	19.8	7.2	6.4	12.6	11.3
1975	99.5	70.4	62.6	29.1	25.5	21.5	7.9	7.0	13.6	12.4
1976	106.3	75.0	67.7	31.3	27.9	23.6	8.7	7.9	14.9	13.6
1977	114.1	80.8	73.6	33.3	30.0	25.6	9.5	8.7	16.1	14.9
1978	123.4	87.1	79.5	36.3	32.9	28.2	10.4	9.5	17.8	16.6
1979	135.4	94.7	86.8	40.7	37.0	32.2	11.6	10.7	20.6	18.7
1980	148.2	102.5	93.9	45.7	41.4	36.5	13.0	11.9	23.5	21.3

[1] Includes interest.

Source: National Center for Education Statistics, *Projections of Education Statistics,* biennial.

No. 205. School Expenditures, by Source of Funds: 1960 to 1983

[For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. Nonpublic elementary and secondary school expenditures are estimates]

SOURCE OF FUNDS AND TYPE OF SCHOOL	TOTAL (bil. dol.)											PERCENT		
	1960	1966	1970	1975	1977	1978	1979	1980	1981	1982 [1]	1983 [2]	1960	1970	1983 [2]
Total	**24.7**	**45.2**	**70.4**	**111.1**	**131.0**	**140.4**	**152.1**	**171.1**	**186.5**	**200.8**	**215.4**	**100.0**	**100.0**	**100.0**
Federal	1.7	5.0	7.5	12.1	14.4	14.6	16.1	18.6	19.6	19.4	20.3	6.9	10.7	9.4
State	7.2	13.1	22.2	38.7	47.5	51.1	56.4	64.9	70.7	76.6	83.1	29.1	31.5	38.6
Local	9.7	15.1	22.6	33.2	37.1	39.1	40.1	43.2	46.1	50.1	52.8	39.3	32.1	24.5
All other	6.1	12.0	18.1	27.1	32.0	35.6	39.5	44.3	50.1	54.7	59.2	24.7	25.7	27.5
Public	19.7	35.3	56.8	91.3	107.6	114.6	123.5	137.8	149.5	160.5	172.2	79.8	80.7	80.0
Federal	1.2	3.6	5.8	9.8	11.7	11.7	12.9	14.5	15.1	14.6	15.2	4.8	8.2	7.1
State	7.2	13.0	22.1	38.4	47.2	50.8	56.1	64.5	70.2	76.1	82.5	29.1	31.4	38.3
Local	9.7	15.1	22.5	33.1	37.0	39.0	40.0	43.0	46.0	49.9	52.6	39.3	32.0	24.4
All other	1.6	3.6	6.4	10.0	11.7	13.2	14.4	15.8	18.1	19.9	21.9	6.5	9.1	10.2
Private	5.0	9.9	13.6	19.8	23.4	25.7	28.7	33.2	37.1	40.3	43.2	20.2	19.3	20.0
Federal	.5	1.4	1.7	2.3	2.7	2.9	3.2	4.1	4.5	4.8	5.1	2.0	2.4	2.4
State and local	(z)	.1	.2	.4	.4	.4	.4	.6	.7	.7	.8	(z)	.2	.4
All other	4.5	8.4	11.7	17.1	20.3	22.4	25.1	28.6	31.9	34.8	37.3	18.2	16.6	17.3
Elementary and secondary [3]	**18.0**	**30.0**	**45.7**	**72.2**	**85.5**	**90.9**	**98.0**	**108.6**	**116.0**	**124.2**	**132.9**	**100.0**	**100.0**	**100.0**
Federal	.7	2.1	3.4	6.0	7.4	7.7	8.5	9.5	9.6	8.8	9.0	3.9	7.4	6.8
State	5.6	9.6	15.8	27.2	34.0	36.0	39.8	45.1	48.8	53.0	57.6	31.1	34.6	43.3
Local	9.5	14.7	21.7	31.7	35.3	37.3	38.5	41.5	44.2	47.9	50.6	52.8	47.5	38.1
Public	15.9	26.5	41.0	65.0	76.8	81.2	87.1	96.4	102.9	110.0	117.6	88.3	89.7	88.5
Federal	.7	2.1	3.4	6.0	7.4	7.7	8.5	9.5	9.6	8.8	9.0	3.9	7.4	6.8
State	5.6	9.6	15.8	27.2	34.0	36.0	39.8	45.1	48.8	53.0	57.6	31.1	34.6	43.3
Local	9.5	14.7	21.7	31.7	35.3	37.3	38.5	41.5	44.2	47.9	50.6	52.8	47.5	38.1
All other	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.4	.6	.2	.3
Private	2.1	3.5	4.7	7.2	8.7	9.6	10.9	12.2	13.1	14.2	15.3	11.7	10.3	11.5
Institutions of higher education	**6.7**	**15.2**	**24.7**	**38.9**	**45.5**	**49.5**	**54.2**	**62.5**	**70.5**	**76.6**	**82.5**	**100.0**	**100.0**	**100.0**
Federal	1.0	2.9	4.1	6.1	7.0	6.8	7.6	9.1	10.1	10.6	11.3	14.9	16.6	13.7
State	1.6	3.5	6.4	11.5	13.5	15.1	16.6	19.8	21.9	23.6	25.5	23.9	25.9	30.9
Local	.2	.4	.9	1.5	1.8	1.8	1.6	1.7	1.9	2.2	2.2	3.0	3.6	2.7
All other	3.9	8.4	13.3	19.8	23.2	25.8	28.3	31.8	36.7	40.2	43.5	58.2	53.9	52.7
Public	3.8	8.8	15.8	26.3	30.8	33.4	36.4	41.4	46.6	50.5	54.6	56.7	64.0	66.2
Federal	.5	1.5	2.4	3.8	4.3	4.0	4.4	5.0	5.5	5.8	6.2	7.5	9.7	7.5
State	1.6	3.4	6.3	11.2	13.2	14.8	16.3	19.4	21.4	23.1	24.9	23.9	25.5	30.2
Local	.2	.4	.8	1.4	1.7	1.7	1.5	1.5	1.8	2.0	2.0	3.0	3.2	2.4
All other	1.5	3.5	6.3	9.9	11.6	13.0	14.1	15.5	17.8	19.6	21.5	22.4	25.5	26.1
Private	2.9	6.4	8.9	12.6	14.7	16.1	17.8	21.0	24.0	26.1	27.9	43.3	36.0	33.8
Federal	.5	1.4	1.7	2.3	2.7	2.9	3.2	4.1	4.5	4.8	5.1	7.5	6.9	6.2
State and local	(z)	.1	.2	.4	.4	.4	.4	.6	.7	.7	.8	(z)	.8	1.0
All other	2.4	4.9	7.0	9.9	11.6	12.8	14.2	16.4	18.8	20.6	22.0	35.8	28.3	26.7

Z Less than $50 million or less than .05 percent. [1] Estimated. [2] Preliminary. [3] Includes, in addition to regular schools, "other" schools such as residential schools for exceptional children, Federal schools for Indians, and federally operated schools on military posts; includes items not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual, and unpublished data.

No. 206. Federal Funds for Education and Related Activities, by Level of Education, Agency and Program: 1980 to 1984

[In millions of dollars. Estimates for fiscal years ending in June. Figures are for outlays or obligations]

Level, agency and program	1980	1981	1982	1983	1984[1]
Total, all programs	**35,584.4**	**36,952.3**	**34,873.8**	**35,055.9**	**37,653.1**
Percent of Federal budget outlays	6.2	5.6	4.8	4.4	4.4
Elementary/secondary education [2]	**17,138.5**	**16,795.2**	**15,716.1**	**15,626.8**	**17,935.9**
Department of Education[2]	6,492.9	6,783.7	6,389.7	5,986.6	6,659.1
Compensatory education	3,568.6	3,353.6	2,954.2	2,645.7	3,376.3
Special education	821.8	1,035.4	1,141.4	1,289.7	1,108.2
Vocational and adult education	863.5	728.4	751.1	717.6	790.1
Department of Agriculture[2]	4,445.6	3,946.0	3,465.7	3,691.4	4,813.6
Child nutrition programs	3,777.1	3,438.2	3,019.7	3,278.1	3,888.5
Agricultural Marketing Service—Commodities	443.8	345.7	363.5	362.3	854.9
Special milk programs	159.3	104.4	22.9	14.9	19.3
Department of Commerce: Local public works program—school facilities	54.8	12.8	5.4	1.3	.3
Department of Defense[3]	370.8	414.6	515.0	564.9	659.1
Junior ROTC	32.0	32.2	42.3	50.4	54.1
Overseas dependent schools	338.8	382.4	386.7	414.5	500.0
Department of Energy	94.9	62.9	23.1	48.2	.2
Department of Health and Human Services	1,078.3	1,253.2	1,282.6	1,222.0	1,490.8
Head Start	736.3	814.2	908.6	912.0	995.8
Social Security student benefits	342.0	439.0	374.0	310.0	495.0
Department of Interior [2]	318.0	297.1	328.6	346.3	308.7
Mineral Leasing Act and other funds	111.4	126.6	173.6	143.9	188.6
Indian education	206.2	170.1	154.6	202.0	119.5
Department of Labor	1,850.0	2,120.1	1,790.4	1,827.0	2,004.0
Job Corps	470.0	540.0	570.0	563.0	610.0
Job Training Partnership Act[4]	1,380.0	1,580.1	1,220.4	1,264.0	1,394.0
Department of Treasury: General Revenue Sharing—Education Share	2,350.7	1,828.0	1,827.5	1,845.8	1,826.7
Other elementary/secondary programs	65.7	64.5	75.0	79.8	88.9
Higher education [2]	**10,858.7**	**12,221.0**	**10,985.3**	**10,734.1**	**10,452.9**
Department of Education[2]	5,663.4	6,792.7	6,394.6	7,177.9	7,702.0
Student financial assistance	3,682.8	3,906.3	2,732.5	4,043.6	4,097.2
Guaranteed student loans	1,408.0	2,258.7	3,023.5	2,555.5	2,961.8
Higher education	399.8	373.9	379.3	356.9	453.4
Department of Agriculture	57.5	52.7	41.7	33.5	43.2
Department of Defense	[5]500.0	574.7	630.6	698.7	772.4
Tuition assistance for military personnel	(NA)	43.5	50.8	61.3	71.9
Service academics	(NA)	240.3	275.3	291.7	295.8
Senior ROTC	(NA)	290.9	304.5	345.7	404.7
Department of Energy	82.4	52.2	19.8	39.8	3.5
Energy conservation for buildings	77.5	47.0	13.6	36.3	–
Higher education—Continued					
Department of Health and Human Services [2]	2,170.7	2,664.6	2,020.5	1,183.1	502.8
Health professions training	395.8	444.6	368.4	266.9	161.7
National Health Service Corps scholarships	70.7	88.2	59.8	32.0	14.6
Alcohol, drug abuse, mental health training programs	122.1	115.7	100.7	59.4	36.1
Health teaching facilities	3.1	4.0	4.2	40.4	29.6
Social Security postsecondary student benefits	1,559.0	2,001.0	1,476.0	773.0	246.0
Department of Interior	92.9	99.1	126.0	114.7	129.3
Mineral Leasing Act and other funds	48.1	56.6	83.1	75.2	99.7
Indian programs	44.8	42.4	42.9	39.6	29.5
Department of Transportation	26.8	27.5	33.9	32.6	44.1
Other agencies[2]	1,955.2	1,940.8	1,700.9	1,435.5	1,236.0
Nat'l Science Foundation—Sci./engineering	64.6	66.2	67.6	50.1	20.3
U.S. Information Agency	49.5	57.0	60.0	68.0	75.8
Veterans Administration	1,784.0	1,757.7	1,525.8	1,268.4	1,088.1
College student support	1,606.7	1,568.0	1,333.7	1,088.9	892.4
Post Viet Nam veterans	.9	4.6	14.4	24.9	41.7
Veterans dependents education	176.3	185.1	177.7	154.6	154.0
Other higher education programs	13.6	16.9	17.3	18.3	19.8
Other programs	**1,790.4**	**1,679.3**	**1,590.3**	**1,610.0**	**1,701.6**
Department of Education[2]	456.0	353.8	395.9	404.7	453.0
Libraries	264.8	80.5	101.4	124.5	88.3
Administration	170.1	247.4	265.7	248.0	330.5
Department of Agriculture	274.8	293.5	305.5	323.4	334.9
Department of Health and Human Services	37.8	43.2	46.6	44.9	52.4
Department of Justice	17.4	13.8	14.9	19.4	16.6
Department of State	[5]25.0	27.2	21.2	23.8	26.4
Department of Transportation	12.7	8.3	6.0	6.2	6.4
Other agencies[2]	963.2	936.1	797.6	784.6	808.7
Agency for International Development	80.5	96.9	105.4	109.6	112.7
Library of Congress	151.9	144.1	144.9	154.2	169.2
National Endowment for the Arts	135.9	145.5	112.9	121.9	141.6
National Endowment for the Humanities	85.8	84.3	68.4	74.3	75.7
Veterans Administration	457.8	411.1	310.8	261.1	236.8
Non-collegiate and job training programs	440.0	391.4	291.8	244.1	220.1
Other	3.5	3.5	2.7	3.1	3.2
Research programs at universities and related institutions[2]	**5,796.7**	**6,256.7**	**6,582.1**	**7,085.0**	**7,562.6**
Department of Defense	644.5	758.7	889.9	1,020.0	1,174.2
Department of Energy	1,470.2	1,700.4	1,715.8	1,789.3	1,912.7
Dept. of Health and Human Services	2,087.1	2,199.9	2,194.7	2,419.4	2,493.7
Agency for International Development	77.1	46.4	69.6	68.7	89.7
National Aeronautics and Space Admin	254.6	250.3	368.1	375.8	389.6
National Science Foundation	743.8	773.3	787.0	850.8	1,016.4

– Represents zero. NA Not available. [1] Preliminary. [2] Includes other programs or agencies not shown separately. [3] Beginning 1982, includes stateside schools on military installations for free education of dependents, previously covered by the Department of Education. [4] Prior to 1983, covers CETA programs. [5] Estimated.

Source: U.S. National Center for Education Statistics, unpublished data.

NO. 207. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS, BY LEVEL, 1965 TO 1982, AND PROJECTIONS, 1985 TO 1992

[**In thousands.** As of **fall.** Data are for regular day schools and exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment]

CONTROL OF SCHOOL AND LEVEL	1965	1970	1978	1979	1980	1981	1982	1985	1990	1992
Total	**54,394**	**59,853**	**58,895**	**58,215**	**58,046**	**57,572**	**57,170**	**56,224**	**57,162**	**58,188**
Public	46,143	52,337	51,335	50,682	50,444	49,747	49,340	48,568	49,367	50,362
Private [1]	8,251	7,516	7,560	7,533	7,602	7,824	7,830	7,656	7,795	7,826
Kindergarten through 8	35,463	36,629	32,060	31,631	31,297	30,945	30,843	30,236	32,925	34,125
Public	30,563	32,577	28,328	27,931	27,674	27,245	27,143	26,636	28,925	30,025
Private [1]	4,900	4,052	3,732	3,700	3,623	3,700	3,700	3,600	4,000	4,100
Grades 9 through 12	13,010	14,643	15,576	15,014	14,652	14,255	13,901	13,741	12,144	12,253
Public	11,610	13,332	14,223	13,714	13,313	12,855	12,501	12,341	10,944	11,053
Private [1]	1,400	1,311	1,353	1,300	1,339	1,400	1,400	1,400	1,200	1,200
College	5,921	8,581	11,259	11,570	12,097	12,372	12,426	12,247	12,093	11,810
Public	3,970	6,428	8,784	9,037	9,457	9,647	9,696	9,591	9,498	9,284
Private	1,951	2,153	2,475	2,533	2,640	2,724	2,730	2,656	2,595	2,526

[1] Data for 1970 and later years have been revised since originally published.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics,* biennial, *Digest of Education Statistics,* annual, and unpublished data.

NO. 208. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1983

[**In millions, except percent.** See headnote, table 209]

YEAR	PUBLIC						PRIVATE					
	Total	Nursery	Kindergarten	Elementary	High school	College	Total	Nursery	Kindergarten	Elementary	High school	College
1960	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1965	45.5	.1	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.8
1970	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1975	52.8	.6	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1978	50.0	.6	2.5	25.3	14.2	7.4	8.6	1.2	.5	3.2	1.2	2.4
1979	49.7	.6	2.6	24.8	14.0	7.7	8.2	1.2	.4	3.1	1.1	2.3
1980	(NA)	.6	2.7	24.4	(NA)		(NA)	1.4	.5	3.1	(NA)	
1981	49.7	.6	2.6	24.8	13.5	8.2	8.7	1.4	.5	3.0	1.1	2.6
1982	49.2	.7	2.7	24.4	13.0	8.4	8.7	1.4	.6	3.0	1.1	2.6
1983	48.7	.8	2.7	24.2	12.8	8.2	9.0	1.5	.7	3.0	1.2	2.6
Percent White:												
1960	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1965	85.0	73.2	85.5	83.3	86.5	92.9	95.5	91.1	90.9	96.4	95.7	95.3
1970	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1975	83.2	68.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.9
1979	82.3	67.3	79.8	81.5	82.5	86.7	89.7	90.0	85.2	89.6	92.1	89.3
1980	(NA)	68.2	80.7	80.9	(NA)		(NA)	89.0	87.0	90.7	(NA)	
1981	81.3	67.4	81.4	80.5	81.6	84.6	89.1	88.7	85.7	90.2	91.8	87.6
1982	81.1	69.1	79.7	80.3	81.1	85.0	89.1	89.9	88.4	89.5	92.7	86.8
1983	80.9	69.6	80.6	79.9	80.8	84.9	89.0	88.8	89.6	90.6	89.2	86.9

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 373, and earlier reports; and unpublished data.

NO. 209. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1983

[**In millions.** As of **Oct.** For **1960,** covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. Elementary includes kindergarten and grades 1–8; high school, grades 9–12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment]

YEAR	ALL LEVELS [1]			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1965	54.7	28.5	26.2	35.5	18.2	17.3	13.0	6.5	6.5	5.7	3.5	2.2
1970	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1974	60.3	31.2	29.1	34.4	17.6	16.8	15.4	7.8	7.6	8.8	4.9	3.9
1975	61.0	31.6	29.4	33.8	17.3	16.5	15.7	8.0	7.7	9.7	5.3	4.4
1976	60.5	31.2	29.3	33.3	17.0	16.2	15.7	8.1	7.7	10.0	5.3	4.7
1977	60.0	30.8	29.2	32.4	16.6	15.8	15.8	8.0	7.8	10.2	5.4	4.8
1978	58.6	30.1	28.6	31.5	16.1	15.3	15.5	7.8	7.6	9.8	5.1	4.7
1979	57.9	29.5	28.3	30.9	15.9	15.0	15.1	7.7	7.4	10.0	5.0	5.0
1980	57.3	29.2	28.2	30.6	15.8	14.9	14.6	7.3	7.2	10.2	5.0	5.2
1981	58.4	29.8	28.6	31.0	15.9	15.0	14.6	7.4	7.2	10.7	5.4	5.4
1982	57.9	29.5	28.4	30.7	15.8	14.9	14.1	7.2	6.9	10.9	5.4	5.5
1983	57.7	29.6	28.2	30.6	15.7	14.8	14.0	7.1	6.9	10.8	5.5	5.3

[1] Beginning 1965, includes nursery schools, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 373, and earlier reports; and unpublished data.

No. 210. Public School Enrollment in Regular School by Level—States: 1975 and 1982

[**In thousands.** As of **fall.** Includes unclassified students. For revised U.S. totals for 1975, see table 220. See also Appendix III]

STATE	PRE KINDERGARTEN THROUGH GRADE 8		GRADES 9–12 [1]		HIGHER EDUCATION [2]	
	1975	1982	1975	1982	1975	1982
US	**30,545**	**27,143**	**14,294**	**12,501**	**8,835**	**9,696**
AL	520	510	239	214	146	147
AK	65	63	25	26	13	23
AZ	[3] 350	359	[3] 143	151	169	201
AR	317	304	139	128	56	66
CA	2,993	2,802	1,427	1,264	1,618	1,646
CO	384	380	185	166	136	152
CT	450	336	203	150	94	101
DE	84	60	43	33	27	28
DC	94	65	36	26	15	15
FL	1,061	1,039	490	446	288	354
GA	751	739	340	315	143	152
HI	121	110	56	52	43	47
ID	133	145	63	58	31	35
IL	1,539	1,287	731	593	444	529
IN	851	664	375	336	159	195
IA	408	338	204	167	84	105
KS	294	283	154	124	108	127
KY	475	458	217	194	105	115
LA	592	556	255	220	132	153
ME	172	147	79	65	31	33
MD	607	462	274	237	177	202
MA	[3] 813	597	[3] 385	312	174	178
MI	1,419	1,157	654	605	437	440
MN	573	472	307	244	149	169
MS	356	327	156	141	90	95
MO	646	547	319	256	158	174
MT	115	107	57	45	28	33
NE	210	186	105	83	61	78
NV	96	97	44	54	30	42
NH	120	107	54	53	24	26
NJ	[3] 998	777	[3] 460	396	228	256
NM	183	190	91	79	48	60
NY	[3] 2,281	1,761	[3] 1,120	957	614	573
NC	818	769	367	328	201	242
ND	84	81	48	36	28	34
OH	1,535	1,259	757	602	337	389
OK	408	423	186	171	124	145
OR	321	309	156	139	130	124
PA	1,481	1,157	765	627	287	300
RI	121	89	55	50	32	35
SC	443	424	186	184	108	109
SD	100	86	51	38	22	26
TN	626	591	251	237	140	155
TX	1,992	2,150	821	836	542	667
UT	212	275	97	95	57	65
VT	73	64	31	27	17	18
VA	759	683	344	293	215	245
WA	530	508	255	232	203	198
WV	283	267	121	108	68	72
WI	625	504	339	281	211	242
WY	59	74	29	27	18	23

[1] Includes postgraduates. [2] See headnote, table 255. Includes U.S. military academies not shown separately. [3] Estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual, and unpublished data.

No. 211. School Enrollment and Rate, by Age, Sex and Race: 1970 to 1983

[**In thousands, except rate.** As of **October.** Covers persons 3 to 34 years old enrolled in nursery school and above. Data relates to civilian noninstitutional population and are based on Current Population Survey, see text pp. 1 and 2. See *Historical Statistics, Colonial Times to 1970,* series H 442–476 for enrollment 5-34 years old]

YEAR AND AGE	population	TOTAL ENROLLED					RATE				
		Total	Male	Female	White	Black	Total	Male	Female	White	Black
1970, total	**106,996**	**60,357**	**31,413**	**28,944**	**51,719**	**7,829**	**56.4**	**59.7**	**53.2**	**56.2**	**57.4**
3 and 4 years	7,135	1,461	771	691	1,181	250	20.5	21.2	19.8	19.9	22.7
5 and 6 years	7,820	7,000	3,545	3,455	5,899	999	89.5	88.9	90.2	90.3	84.9
7 to 13 years	29,168	28,943	14,688	14,255	24,564	3,998	99.2	99.0	99.4	99.2	99.3
14 and 15 years	8,019	7,869	3,992	3,877	6,761	1,025	98.1	98.2	98.1	98.2	97.6
16 and 17 years	7,699	6,927	3,539	3,388	6,008	837	90.0	91.3	88.6	90.6	85.7
18 and 19 years	6,958	3,322	1,821	1,501	2,924	352	47.7	54.4	41.6	48.7	40.1
20 and 21 years	6,118	1,949	1,131	818	1,750	174	31.9	42.7	23.6	33.1	22.8
22 to 24 years	9,476	1,410	931	479	1,305	84	14.9	21.2	9.4	15.7	8.0
25 to 29 years	13,415	1,011	713	298	910	68	7.5	11.0	4.3	7.7	4.8
30 to 34 years	11,188	466	283	182	416	41	4.2	5.3	3.1	4.2	3.4
1980, total	**115,434**	**57,348**	**29,155**	**28,192**	**47,673**	**8,251**	**49.7**	**50.9**	**48.5**	**48.9**	**53.9**
3 and 4 years	6,215	2,280	1,202	1,078	1,844	371	36.7	37.8	35.5	36.3	38.2
5 and 6 years	6,116	5,853	2,971	2,882	4,781	904	95.7	95.0	96.4	95.8	95.4
7 to 13 years	23,928	23,751	12,110	11,641	19,585	3,598	99.3	99.2	99.3	99.2	99.4
14 and 15 years	7,414	7,282	3,701	3,580	6,038	1,088	98.2	98.7	97.7	98.3	97.9
16 and 17 years	8,013	7,129	3,620	3,509	5,937	1,047	89.0	89.1	88.8	88.6	90.6
18 and 19 years	8,160	3,788	1,879	1,910	3,199	494	46.4	47.0	45.8	46.3	45.7
20 and 21 years	8,112	2,515	1,280	1,235	2,206	242	31.0	32.6	29.5	31.9	23.4
22 to 24 years	11,858	1,931	1,019	912	1,669	196	16.3	17.8	14.9	16.4	13.6
25 to 29 years	18,487	1,714	880	833	1,473	187	9.3	9.8	8.8	9.2	8.8
30 to 34 years	17,131	1,105	492	613	942	124	6.4	5.9	7.0	6.3	6.8
1983, total	**119,415**	**57,744**	**29,593**	**28,152**	**47,423**	**8,200**	**48.4**	**49.7**	**47.0**	**47.7**	**50.8**
3 and 4 years	6,988	2,624	1,363	1,261	2,132	387	37.5	38.1	36.9	37.6	36.2
5 and 6 years	6,510	6,214	3,166	3,048	5,094	915	95.4	95.1	95.8	95.7	94.7
7 to 13 years	23,463	23,278	11,887	11,391	18,934	3,470	99.2	99.1	99.3	99.2	99.5
14 and 15 years	7,214	7,093	3,617	3,476	5,857	1,035	98.3	98.4	98.2	98.4	97.8
16 and 17 years	7,304	6,698	3,404	3,294	5,492	1,002	91.7	91.8	91.6	91.4	92.6
18 and 19 years	7,819	3,938	1,956	1,983	3,285	523	50.4	50.4	50.3	50.9	46.1
20 and 21 years	8,039	2,609	1,379	1,230	2,253	258	32.5	35.2	29.9	33.4	23.4
22 to 24 years	12,722	2,111	1,203	908	1,753	254	16.6	19.4	13.9	16.4	15.6
25 to 29 years	20,606	1,976	1,084	892	1,641	193	9.6	10.7	8.5	9.4	7.8
30 to 34 years	18,750	1,203	534	669	981	164	6.4	5.8	7.0	6.2	7.6

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 373 and earlier reports; and unpublished data.

NO. 212. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD: 1968 TO 1983

[**As of October.** Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs. Excludes 5 year olds enrolled in elementary school. The method of indentifying children of Spanish origin was changed in 1980 from allocation based on status of mother to status reported for each child. The number of children counted as of Spanish origin using the new method is larger. Based on Current Population Survey; see text, p. 2]

ITEM	NUMBER OF CHILDREN (1,000)								ENROLLMENT RATE		
	1968	1970	1975	1979	1980	1981	1982	1983	1968	1970	1983
Population, 3–5 years old	11,895	10,877	10,183	9,119	9,284	9,644	9,873	10,252	(X)	(X)	(X)
Total enrolled [1] [2]	**3,925**	**4,075**	**4,954**	**4,664**	**4,878**	**4,936**	**5,105**	**5,385**	**33.0**	**37.5**	**52.5**
Nursery	816	1,093	1,745	1,862	1,982	2,055	2,151	2,347	6.9	10.0	22.9
Kindergarten	3,110	2,982	3,209	2,802	2,896	2,881	2,954	3,038	26.1	27.4	29.6
White	3,309	3,414	4,105	3,786	3,994	4,038	4,165	4,430	33.2	37.8	53.1
Black	553	585	731	738	725	725	769	758	31.2	34.9	48.8
Spanish origin [3]	(NA)	(NA)	(NA)	289	370	399	368	406	(NA)	(NA)	42.7
3 years old	317	454	683	746	857	891	928	1,005	8.3	13.0	28.1
4 years old	911	1,003	1,418	1,393	1,423	1,442	1,496	1,619	22.8	27.9	47.4
5 years old	2,698	2,617	2,852	2,525	2,598	2,604	2,681	2,762	65.9	69.2	84.6
LABOR FORCE STATUS OF MOTHER											
All races: [2] With mother in labor force [4]	1,217	1,345	2,168	2,353	2,480	2,515	2,629	2,853	33.2	38.8	55.3
3 and 4 years old	456	526	973	1,139	1,252	1,204	1,268	1,453	18.9	23.5	41.3
5 years old	761	818	1,195	1,214	1,229	1,311	1,360	1,399	60.6	66.6	85.0
Married, spouse present	1,015	1,131	1,733	1,922	1,976	1,999	2,095	2,296	32.9	39.5	55.8
Other marital status	200	214	435	431	504	517	534	556	34.9	36.0	53.3
Employed	1,134	1,246	1,948	2,158	2,256	2,264	2,302	2,578	33.6	39.3	56.4
Full-time	778	770	1,236	1,416	1,445	1,444	1,361	1,655	34.1	38.6	55.9
Mother not in labor force	2,642	2,694	2,704	2,196	2,266	2,254	2,340	2,378	32.8	37.0	49.7
White: With mother in labor force [4]	915	1,031	1,723	1,833	1,976	2,001	2,107	2,307	32.7	39.1	55.5
3 and 4 years old	320	374	740	872	967	937	995	1,160	17.5	22.1	41.0
5 years old	595	657	983	961	1,007	1,064	1,111	1,147	61.4	69.2	86.6
Married, spouse present	803	913	1,449	1,583	1,671	1,696	1,788	1,953	32.5	39.1	55.8
Other marital status	110	119	273	250	305	306	319	354	35.1	38.9	54.0
Employed	856	959	1,566	1,706	1,840	1,837	1,889	2,130	33.1	39.3	56.5
Full-time	553	557	941	1,068	1,127	1,114	1,048	1,300	33.0	38.2	55.7
Mother not in labor force	2,342	2,354	2,331	1,867	1,914	1,926	1,958	2,007	33.3	37.4	50.8
Black: With mother in labor force [4]	270	281	372	446	438	426	447	458	33.5	36.8	54.4
3 and 4 years old	124	138	191	235	244	218	233	243	22.9	27.3	42.9
5 years old	147	143	181	212	193	208	214	214	55.5	55.6	77.4
Married, spouse present	183	192	221	273	240	221	238	272	33.2	39.4	56.9
Other marital status	87	89	151	174	198	205	209	186	34.3	32.2	51.1
Employed	247	256	313	387	356	352	344	366	34.0	37.9	56.6
Full-time	198	195	244	307	269	279	261	302	35.3	39.0	58.4
Mother not in labor force	270	298	330	277	285	245	292	266	29.2	33.9	41.2
Spanish origin: [3] With mother in labor force [4]	(NA)	(NA)	(NA)	131	181	179	156	205	(NA)	(NA)	50.6
3 and 4 years old	(NA)	(NA)	(NA)	58	101	70	54	84	(NA)	(NA)	31.7
5 years old	(NA)	(NA)	(NA)	74	79	109	103	120	(NA)	(NA)	86.2
Married, spouse present	(NA)	(NA)	(NA)	116	146	143	118	175	(NA)	(NA)	52.5
Other marital status	(NA)	(NA)	(NA)	15	34	35	39	30	(NA)	(NA)	42.3
Employed	(NA)	(NA)	(NA)	122	165	139	134	180	(NA)	(NA)	51.7
Full-time	(NA)	(NA)	(NA)	101	128	108	104	142	(NA)	(NA)	54.8
Mother not in labor force	(NA)	(NA)	(NA)	157	174	209	203	195	(NA)	(NA)	36.8
EDUCATION OF MOTHER											
All races: [2] Total mothers	3,860	4,038	4,871	4,549	4,747	4,769	4,969	5,230	32.9	37.6	52.6
Elementary: 0 to 8 years	328	272	319	355	287	304	323	344	21.0	22.4	39.4
High school: 1 to 3 years	698	751	698	600	639	530	652	598	26.8	31.9	40.2
4 years	1,847	1,899	2,130	1,978	2,081	2,155	2,063	2,190	34.5	38.0	49.5
College: 1 to 3 years	537	654	946	870	887	868	968	1,031	41.5	48.7	61.4
4 years or more	450	462	780	746	853	913	962	1,067	50.3	55.8	72.2
White: Total mothers	3,257	3,385	4,054	3,700	3,890	3,927	4,065	4,315	33.1	37.9	53.2
Elementary: 0 to 8 years	217	184	212	256	197	232	227	255	20.3	21.8	38.4
High school: 1 to 3 years	492	544	483	399	426	348	433	419	24.8	31.1	39.7
4 years	1,639	1,657	1,813	1,682	1,751	1,829	1,736	1,804	34.3	37.9	49.1
College: 1 to 3 years	488	578	847	701	767	729	798	873	42.0	48.0	61.9
4 years or more	420	422	698	661	749	790	870	964	50.3	55.6	74.1
Black: Total mothers	540	579	702	724	723	672	739	724	31.2	35.3	48.6
Elementary: 0 to 8 years	102	80	94	81	72	56	68	60	22.3	24.1	41.5
High school: 1 to 3 years	195	187	200	181	197	160	196	160	32.7	33.2	40.2
4 years	186	218	279	263	295	286	291	326	34.8	37.9	50.9
College: 1 to 3 years	39	69	82	155	100	107	141	119	36.4	54.8	57.6
4 years or more	20	25	46	44	59	63	43	60	(B)	(B)	59.6
Spanish origin: [3] Total mothers	(NA)	(NA)	(NA)	288	354	388	359	400	(NA)	(NA)	42.8
Elementary: 0 to 8 years	(NA)	(NA)	(NA)	119	90	131	122	124	(NA)	(NA)	35.4
High school: 1 to 3 years	(NA)	(NA)	(NA)	51	73	55	72	85	(NA)	(NA)	39.3
4 years	(NA)	(NA)	(NA)	88	131	131	99	121	(NA)	(NA)	47.6
College: 1 to 3 years	(NA)	(NA)	(NA)	27	40	44	49	45	(NA)	(NA)	54.0
4 years or more	(NA)	(NA)	(NA)	4	21	27	17	26	(NA)	(NA)	(B)

B Base too small to meet standards of reliability. NA Not available. X Not applicable. [1] Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. [2] Includes other races not shown separately. [3] Persons of Spanish origin may be of any race. [4] Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

NO. 213. YEARS OF SCHOOL COMPLETED, BY AGE AND RACE: 1940 TO 1983

[Through **1980,** as of **April 1.** 1940 based on complete count; 1950, on 20-percent sample; 1960, on 25-percent sample; 1970, on a 20-percent sample; and 1980 based on a 17-percent sample; see text, p. 1. Beginning **1982,** as of **March,** based on Current Population Survey; see text, p. 2. Excludes Armed Forces, except members living off post or with families on post. Beginning 1980, excludes inmates of institutions]

AGE AND YEAR	ALL PERSONS					BLACK PERSONS				
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]
	Total	With less than 5 yr. of school	Total	College, 4 yr. or more		Total	With less than 5 yr. of school	Total	College, 4 yr. or more	
25 years and over:										
1940	75.5	13.7	24.5	4.6	8.6	92.7	42.0	7.3	1.3	5.7
1950	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	6.8
1960	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970	47.7	5.5	52.3	10.7	12.1	68.6	14.6	31.4	4.4	9.8
1980	33.5	3.6	66.5	16.2	12.5	48.8	8.2	51.2	8.4	12.0
1982	29.0	3.0	71.0	17.7	12.6	45.1	7.3	54.9	8.8	12.2
1983	27.9	3.0	72.1	18.8	12.6	43.2	7.1	56.8	9.5	12.2
25–29 years:										
1940	61.9	5.9	38.1	5.9	10.3	88.4	27.7	11.6	1.6	7.0
1950	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.6
1960	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970	26.2	1.7	73.8	16.3	12.6	44.6	3.2	55.4	6.0	12.1
1980	15.5	1.1	84.5	22.1	12.9	24.8	1.1	75.2	11.4	12.6
1982	13.8	.8	86.2	21.7	12.8	19.0	.7	81.0	12.6	12.7
1983	14.0	.9	86.0	22.5	12.8	20.6	1.1	79.4	12.9	12.6

[1] For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1940, 1950, 1960, 1970,* and *1980,* vol. I, and *Current Population Reports,* series P-20, forthcoming reports.

NO. 214. YEARS OF SCHOOL COMPLETED, BY RACE, SPANISH ORIGIN, AND SEX: 1960 TO 1983

[**Persons 25 years old and over.** Persons of Spanish origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 213. See also *Historical Statistics, Colonial Times to 1970,* series H 602–617]

YEAR, RACE, SPANISH ORIGIN, AND SEX	Population (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0–4 years	5–7 years	8 years	1–3 years	4 years	1–3 years	4 years or more	
1960, all races	**99,438**	**8.3**	**13.8**	**17.5**	**19.2**	**24.6**	**8.8**	**7.7**	**10.6**
White	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
Male	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
Female	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
Black	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
Male	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
Female	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
1970, all races	**109,899**	**5.5**	**10.0**	**12.8**	**19.4**	**31.1**	**10.6**	**10.7**	**12.1**
White	98,246	4.5	9.1	13.0	18.8	32.2	11.1	11.3	12.1
Male	46,527	4.8	9.7	13.3	18.2	28.5	11.1	14.4	12.1
Female	51,718	4.1	8.6	12.8	19.4	35.5	11.1	8.4	12.1
Black	10,375	14.6	18.7	10.5	24.8	21.2	5.9	4.4	9.8
Male	4,714	17.7	19.1	10.2	22.9	20.0	6.0	4.2	9.4
Female	5,661	12.0	18.3	10.8	26.4	22.2	5.8	4.6	10.1
Spanish origin	3,938	18.9	17.1	10.2	17.7	22.0	7.9	6.0	9.6
Male	1,923	18.3	16.3	10.0	17.5	20.9	9.2	7.8	9.9
Female	2,014	19.6	17.9	10.4	18.0	23.1	6.7	4.3	9.3
1980, all races	**132,836**	**3.6**	**6.7**	**8.0**	**15.3**	**34.6**	**15.7**	**16.2**	**12.5**
White	114,290	2.6	5.8	8.2	14.6	35.7	16.0	17.1	12.5
Male	53,941	2.8	6.0	8.0	13.6	31.8	16.4	21.3	12.5
Female	60,349	2.5	5.6	8.4	15.5	39.1	15.6	13.3	12.6
Black	13,195	8.2	11.7	7.1	21.8	29.3	13.5	8.4	12.0
Male	5,895	10.0	12.0	6.7	20.5	28.3	14.0	8.4	12.0
Female	7,300	6.7	11.6	7.3	22.9	30.0	13.2	8.3	12.0
Spanish origin	6,739	15.5	16.6	8.1	15.8	24.4	12.0	7.6	10.8
Male	3,247	15.2	16.2	7.7	15.5	22.6	13.4	9.4	11.1
Female	3,493	15.8	17.1	8.4	16.1	26.0	10.6	6.0	10.6
1983, all races	**138,020**	**3.0**	**5.3**	**6.8**	**12.8**	**37.7**	**15.6**	**18.8**	**12.6**
White	120,610	2.4	4.8	6.9	12.1	38.4	15.9	19.5	12.6
Male	57,263	2.6	4.8	6.8	11.5	34.3	16.1	24.0	12.7
Female	63,347	2.3	4.8	7.1	12.7	42.2	15.7	15.4	12.6
Black	13,940	7.1	9.6	6.6	19.9	33.9	13.4	9.5	12.2
Male	6,139	8.8	9.7	6.3	18.7	32.9	13.6	10.0	12.2
Female	7,801	5.8	9.5	6.9	20.8	34.7	13.3	9.2	12.2
Spanish origin	6,885	14.8	16.7	8.3	14.0	27.4	10.9	7.9	11.1
Male	3,190	15.0	15.4	8.0	13.0	27.3	12.0	9.2	11.6
Female	3,694	14.7	17.8	8.6	14.8	27.4	9.9	6.8	10.7

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960, 1970,* and *1980,* vol. I, and *Current Population Reports,* series P-20, forthcoming reports.

No. 215. Years of School Completed, by Region, Division and State: 1980

[**In thousands, except percent,** for persons 25 years old and over. As of **April 1.** Based on the *1980 Census of Population*; see Appendix III]

Region, division, and state	Population, 25 years old and over	Years of school completed					Percent of population completing at least—				
		Elementary	High school		College		Elementary	High school		College	
		8 years or less	1-3 years	4 years	1-3 years	4 or more years	8 years or less	1-3 years	4 years	1-3 years	4 or more years
U.S	**132,836**	**24,258**	**20,278**	**45,947**	**20,795**	**21,558**	**100.0**	**81.7**	**66.5**	**31.9**	**16.2**
Northeast	**29,903**	**5,256**	**4,579**	**10,864**	**4,047**	**5,156**	**100.0**	**82.4**	**67.1**	**30.8**	**17.2**
New England	7,438	1,165	1,030	2,672	1,146	1,425	100.0	84.3	70.5	34.6	19.2
Maine	662	110	98	260	99	95	100.0	83.4	68.7	29.4	14.4
New Hampshire	542	79	71	201	91	99	100.0	85.3	72.3	35.1	18.2
Vermont	295	49	36	107	46	56	100.0	83.3	71.0	34.7	19.0
Massachusetts	3,463	497	466	1,261	545	694	100.0	85.6	72.2	35.8	20.0
Rhode Island	575	119	105	188	74	89	100.0	79.3	61.1	28.3	15.4
Connecticut	1,900	310	254	654	290	393	100.0	83.7	70.3	35.9	20.7
Middle Atlantic	22,466	4,092	3,549	8,192	2,901	3,731	100.0	81.8	66.0	29.5	16.6
New York	10,721	1,962	1,654	3,652	1,530	1,924	100.0	81.7	66.3	32.2	17.9
New Jersey	4,504	798	670	1,615	594	826	100.0	82.3	67.4	31.5	18.3
Pennsylvania	7,240	1,332	1,225	2,925	777	981	100.0	81.6	64.7	24.3	13.6
Midwest	**34,085**	**5,827**	**5,088**	**13,154**	**4,996**	**5,021**	**100.0**	**82.9**	**68.0**	**29.4**	**14.7**
E. No. Central	24,066	3,999	3,874	9,292	3,416	3,484	100.0	83.4	67.3	28.7	14.5
Ohio	6,292	967	1,111	2,547	807	859	100.0	84.6	67.0	26.5	13.7
Indiana	3,136	519	535	1,309	380	393	100.0	83.4	66.4	24.6	12.5
Illinois	6,679	1,236	1,001	2,344	1,016	1,082	100.0	81.5	66.5	31.4	16.2
Michigan	5,254	792	890	1,998	825	749	100.0	84.9	68.0	30.0	14.3
Wisconsin	2,705	486	336	1,093	389	401	100.0	82.0	69.6	29.2	14.8
W. No. Central	10,019	1,827	1,214	3,863	1,579	1,536	100.0	81.8	69.6	31.1	15.3
Minnesota	2,346	392	240	904	402	407	100.0	83.3	73.1	34.5	17.4
Iowa	1,700	284	200	729	250	237	100.0	83.3	71.5	28.6	13.9
Missouri	2,919	634	430	1,059	389	406	100.0	78.3	63.5	27.2	13.9
North Dakota	365	90	32	114	74	54	100.0	75.2	66.4	35.1	14.8
South Dakota	390	86	39	141	69	55	100.0	78.0	67.9	31.7	14.0
Nebraska	912	138	105	370	158	142	100.0	84.9	73.4	32.8	15.5
Kansas	1,388	203	167	544	238	236	100.0	85.4	73.3	34.2	17.0
South	**43,691**	**9,854**	**7,524**	**13,481**	**6,295**	**6,537**	**100.0**	**77.4**	**60.2**	**29.4**	**15.0**
South Atlantic	21,994	4,639	3,863	6,821	3,212	3,459	100.0	78.9	61.3	30.3	15.7
Delaware	345	51	57	125	52	60	100.0	85.2	68.6	32.4	17.5
Maryland	2,499	412	402	812	365	509	100.0	83.5	67.4	34.9	20.4
District of Columbia	399	64	67	102	56	109	100.0	83.0	67.1	41.5	27.5
Virginia	3,133	678	499	890	468	598	100.0	78.4	62.4	34.0	19.1
West Virginia	1,147	321	184	408	114	119	100.0	72.0	56.0	20.4	10.4
North Carolina	3,403	836	701	947	469	450	100.0	75.4	54.8	27.0	13.2
South Carolina	1,733	445	357	469	229	233	100.0	74.3	53.7	26.7	13.4
Georgia	3,086	731	614	879	412	450	100.0	76.3	56.4	27.9	14.6
Florida	6,250	1,101	982	2,190	1,047	930	100.0	82.4	66.7	31.6	14.9
E. So. Central	8,364	2,322	1,420	2,610	1,004	1,008	100.0	72.2	55.3	24.1	12.1
Kentucky	2,087	654	324	654	224	231	100.0	68.7	53.1	21.8	11.1
Tennessee	2,692	745	435	853	320	339	100.0	72.3	56.2	24.5	12.6
Alabama	2,217	554	411	704	278	270	100.0	75.0	56.5	24.7	12.2
Mississippi	1,368	369	250	399	182	168	100.0	73.0	54.8	25.6	12.3
W. So. Central	13,333	2,893	2,241	4,050	2,079	2,070	100.0	78.3	61.5	31.1	15.5
Arkansas	1,337	359	237	443	153	145	100.0	73.2	55.5	22.3	10.8
Louisiana	2,281	569	397	706	293	317	100.0	75.1	57.7	26.7	13.9
Oklahoma	1,770	325	277	615	285	267	100.0	81.6	66.0	31.2	15.1
Texas	7,944	1,641	1,329	2,286	1,348	1,341	100.0	79.3	62.6	33.8	16.9
West	**25,157**	**3,321**	**3,087**	**8,448**	**5,457**	**4,844**	**100.0**	**86.8**	**74.5**	**40.9**	**19.3**
Mountain	6,335	784	787	2,260	1,312	1,191	100.0	87.6	75.2	39.5	18.8
Montana	451	64	51	171	86	79	100.0	85.7	74.4	36.5	17.5
Idaho	514	65	70	188	110	81	100.0	87.4	73.7	37.2	15.8
Wyoming	255	25	31	102	53	44	100.0	90.0	77.9	37.9	17.2
Colorado	1,664	176	180	575	351	382	100.0	89.4	78.6	44.1	23.0
New Mexico	707	125	95	241	121	124	100.0	82.3	68.9	34.7	17.6
Arizona	1,559	234	197	535	321	271	100.0	85.0	72.4	38.0	17.4
Utah	705	50	91	253	170	140	100.0	93.0	80.0	44.1	19.9
Nevada	480	46	72	194	99	69	100.0	90.4	75.5	35.1	14.4
Pacific	18,822	2,537	2,300	6,188	4,145	3,653	100.0	86.5	74.3	41.4	19.4
Washington	2,439	252	294	911	520	462	100.0	89.7	77.6	40.2	19.0
Oregon	1,580	181	204	587	326	282	100.0	88.5	75.6	38.5	17.9
California	14,044	1,996	1,729	4,416	3,151	2,753	100.0	85.8	73.5	42.0	19.6
Alaska	211	19	18	82	48	45	100.0	91.0	82.5	43.7	21.1
Hawaii	548	89	55	192	101	111	100.0	83.8	73.8	38.8	20.3

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C).

NO. 216. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1983

[**Persons 25 years old and over as of March 1983.** See headnote, table 213. For definition of median, see Guide to Tabular Presentation]

RACE, SEX, AND AGE	Population (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0–4 years	5–7 years	8 years	1–3 years	4 years	1–3 years	4 years or more	
All races	**138,020**	**3.0**	**5.3**	**6.8**	**12.8**	**37.7**	**15.6**	**18.8**	**12.6**
Male	65,004	3.2	5.2	6.7	12.1	33.9	15.9	23.0	12.7
Female	73,016	2.8	5.3	7.0	13.4	41.1	15.4	15.1	12.5
25–29 years	20,638	.9	1.6	1.7	9.8	42.5	21.0	22.5	12.8
30–34 years	18,704	1.0	1.6	1.8	8.7	37.6	22.7	26.5	13.0
35–44 years	28,750	1.5	3.1	2.9	11.0	40.2	17.5	23.8	12.8
45–54 years	22,206	2.4	4.9	5.6	14.2	41.5	13.5	17.9	12.6
55 years old and over	47,723	5.8	9.8	14.0	16.1	32.4	10.3	11.6	12.1
Black	**13,940**	**7.1**	**9.6**	**6.6**	**19.9**	**33.9**	**13.4**	**9.5**	**12.2**
25–29 years	2,492	1.1	1.0	1.6	16.9	46.2	20.3	12.9	12.6
30–34 years	2,129	.6	1.1	2.8	16.3	41.3	23.4	14.4	12.7
35–44 years	2,976	1.7	6.6	3.9	21.6	40.9	14.3	11.0	12.4
45–54 years	2,260	4.4	11.0	8.1	25.2	33.0	10.3	8.1	12.0
55 years old and over	4,083	19.6	20.7	12.8	19.3	17.9	5.0	4.7	8.8
Spanish origin [1]	**6,885**	**14.8**	**16.7**	**8.3**	**14.0**	**27.4**	**10.9**	**7.9**	**11.1**
25–29 years	1,365	6.7	12.9	5.3	16.8	33.3	14.7	10.4	12.3
30–34 years	1,243	7.2	12.7	6.3	15.8	33.5	14.2	10.0	12.2
35–44 years	1,729	11.0	16.7	8.3	15.0	29.4	11.4	8.3	11.8
45–54 years	1,181	16.9	19.7	10.5	13.0	24.2	9.6	5.9	9.6
55 years old and over	1,368	32.7	21.3	11.3	9.0	15.9	4.5	5.0	7.5

[1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, unpublished data.

NO. 217. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF HIGH SCHOOL OR MORE, BY AGE, RACE, AND SPANISH ORIGIN: 1970 TO 1983

[**Persons 25 years old and over.** As of **April 1970** and **1980**, and **March 1975** and **1983**]

RACE AND SPANISH ORIGIN	LESS THAN 5 YEARS OF SCHOOL							4 YEARS OF HIGH SCHOOL OR MORE						
	1970	1975	1980	1983				1970	1975	1980	1983			
				Total	25–34 yr.	35–64 yr.	65 yr. and over				Total	25–34 yr.	35–64 yr.	65 yr. and over
All races [1]	**5.5**	**4.2**	**3.6**	**3.0**	**1.0**	**2.5**	**7.5**	**52.3**	**62.5**	**66.5**	**72.1**	**86.4**	**73.6**	**46.1**
White	4.5	3.3	2.6	2.4	.9	2.1	5.6	54.5	64.6	68.8	73.8	87.3	75.9	48.6
Black	14.6	12.3	8.2	7.2	.9	5.1	26.8	31.4	42.5	51.2	56.8	79.2	53.2	20.2
Spanish origin [2]	19.5	18.5	15.5	14.8	7.0	16.2	40.8	32.1	37.9	44.0	46.2	58.1	42.1	19.3
Mexican	28.5	24.6	20.1	19.1	9.1	22.0	52.4	24.2	31.0	37.6	41.1	53.2	35.8	12.6
Puerto Rican	20.5	17.4	14.1	12.6	3.7	14.5	(B)	23.4	28.7	40.1	41.6	55.3	35.8	(B)
Cuban	8.2	7.3	7.3	7.7	1.7	7.2	17.8	43.9	51.7	55.3	51.8	71.2	50.7	29.4
Other [3]	8.8	7.6	8.3	6.6	3.5	6.0	22.4	44.9	58.0	57.4	62.3	73.9	59.7	33.6

B Base too small to meet standards of reliability. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vols. I and II, *1980 Census of Population*, vol. I, chapter C, *Current Population Reports*, series P–20, No. 290; and unpublished data.

NO. 218. SCHOOL DAYS LOST ASSOCIATED WITH ACUTE CONDITIONS: 1962 TO 1981

[**Days lost per year per 100 children, ages 6–16.** Based on data collected during the periods July of the previous year to June of the year shown. Based on a sample of the civilian noninstitutionalized population; see Appendix III]

CONDITION	1962	1965	1970	1975	1980	1981				
						Total [1]	Male	Female	White	Black
All acute conditions	**521**	**456**	**452**	**451**	**487**	**468**	**419**	**518**	**471**	**425**
Infective and parasitic diseases	108	139	90	81	99	82	75	90	88	64
Respiratory conditions	342	238	264	261	282	268	246	290	273	206
Upper respiratory	174	147	147	121	118	117	105	130	114	138
Influenza and other	168	91	117	140	164	150	140	161	159	68
Digestive system conditions	14	13	24	21	22	25	19	30	23	36
Injuries	27	29	36	52	37	45	53	36	41	71
All other acute conditions	29	38	38	36	47	48	27	71	47	49

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, series 10, and unpublished data.

NO. 219. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1975 TO 1984

[For school year ending in year shown, except as indicated. Data are estimates]

ITEM	Unit	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total school districts	Number	16,624	16,284	16,200	16,090	16,044	15,977	15,936	15,878	15,821
ENROLLMENT										
Population 5–17 years old [1]	1,000	51,498	50,635	49,897	49,040	48,041	47,223	46,259	45,434	44,749
Percent of resident population	Percent	24.1	23.3	22.7	22.1	21.4	20.8	20.2	19.6	19.1
Fall enrollment [2]	1,000	45,135	44,387	43,724	42,733	41,778	41,024	40,118	39,691	39,401
Percent of population 5–17 years old	Percent	87.6	87.7	87.6	87.1	87.0	86.9	86.7	87.4	88.0
Elementary [3]	1,000	25,780	25,704	24,994	24,804	24,397	24,141	24,082	23,923	23,735
Secondary [4]	1,000	19,355	18,684	18,729	17,929	17,381	16,881	16,036	15,768	15,666
Average daily:										
Membership (ADM)	1,000	44,442	43,610	42,938	41,935	40,812	40,086	39,210	38,785	38,585
Attendance (ADA)	1,000	41,476	40,865	40,161	39,206	38,411	37,809	36,970	36,684	36,467
High school graduates	1,000	2,840	2,862	2,854	2,821	2,762	2,733	2,711	2,627	2,557
INSTRUCTIONAL STAFF										
Total	1,000	2,453	2,469	2,475	2,508	2,523	2,517	2,454	2,427	2,408
Classroom teachers	1,000	2,171	2,186	2,197	2,206	2,217	2,209	2,160	2,136	2,117
Average salaries:										
Instructional staff	Dollar	12,167	13,840	14,697	15,762	16,714	18,321	20,269	21,790	23,244
Classroom teachers	Dollar	11,690	13,352	14,198	15,032	15,971	17,642	19,270	20,725	22,029
REVENUES										
Revenue receipts	Mil. dol	63,047	75,303	82,146	87,800	97,635	106,350	113,780	120,658	126,904
Federal	Mil. dol	5,089	6,355	7,232	7,769	9,020	9,280	8,461	8,376	8,345
State	Mil. dol	27,472	32,983	36,369	41,524	47,929	51,560	54,868	57,989	61,793
Local	Mil. dol	30,486	35,965	38,545	38,507	40,686	45,510	50,451	54,293	56,766
Percent of revenue receipts:										
Federal	Percent	8.1	8.4	8.8	8.8	9.2	8.7	7.4	6.9	6.6
State	Percent	43.6	43.8	44.3	47.3	49.1	48.5	48.2	48.1	48.7
Local	Percent	48.4	47.8	46.9	43.9	41.7	42.8	44.3	45.0	44.7
EXPENDITURES										
Total	Mil. dol	62,340	74,722	80,935	86,808	96,105	104,969	112,786	119,624	127,283
Current expenditures (day schools)	Mil. dol	53,333	65,484	71,531	77,285	85,661	94,085	101,971	108,575	115,717
Other current expenditures [5]	Mil. dol	1,748	1,752	1,995	1,650	1,859	1,998	2,024	1,908	2,011
Capital outlay	Mil. dol	5,409	5,454	5,512	5,956	6,504	6,737	6,415	6,690	7,025
Interest on school debt	Mil. dol	1,850	2,032	1,897	1,917	2,081	2,149	2,376	2,451	2,531
Percent of total:										
Current expenditures (day schools)	Percent	85.6	87.6	88.4	89.0	89.1	89.6	90.4	90.8	90.9
Other current expenditures [5]	Percent	2.8	2.3	2.5	1.9	1.9	1.9	1.8	1.6	1.6
Capital outlay	Percent	8.7	7.3	6.8	6.9	6.8	6.4	5.7	5.6	5.5
Interest on school debt	Percent	3.0	2.7	2.3	2.2	2.2	2.0	2.1	2.0	2.0
In current dollars:										
Revenue receipts per pupil in—										
ADA	Dollar	1,520	1,843	2,045	2,239	2,542	2,813	3,078	3,289	3,480
ADM	Dollar	1,419	1,727	1,913	2,094	2,392	2,653	2,902	3,111	3,289
Current expenditure per pupil in—										
ADA	Dollar	1,286	1,602	1,781	1,971	2,230	2,488	2,758	2,960	3,173
ADM	Dollar	1,200	1,502	1,666	1,843	2,099	2,347	2,601	2,799	2,999
In constant (1982) dollars: [6]										
Revenue receipts per pupil in—										
ADA	Dollar	2,762	2,956	3,073	3,076	3,082	3,057	3,078	3,153	3,218
ADM	Dollar	2,579	2,770	2,875	2,877	2,900	2,883	2,902	2,983	3,041
Current expenditures per pupil in—										
ADA	Dollar	2,337	2,570	2,677	2,708	2,703	2,704	2,758	2,839	2,935
ADM	Dollar	2,181	2,409	2,504	2,532	2,544	2,551	2,601	2,684	2,774

[1] Estimated resident population as of July 1 of the previous year. [2] Fall enrollment of the previous year. [3] Kindergarten through grade 6. [4] Grades 7 through 12. [5] Current expenses for summer schools, adult education, post-high school vocational education, personnel retraining, etc., when operated by local school districts and not part of regular public elementary and secondary day-school program. [6] Deflated by the Consumer Price Index, all wage earners (for school year) supplied by U.S. National Center for Education Statistics.

Sources: National Education Association, Washington, DC, *Estimates of School Statistics, 1983–84* (Copyright) and *Rankings of the States, 1984* (Copyright); and unpublished data.

NO. 220. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT, BY GRADE: 1960 TO 1982

[For **school year through 1965**; thereafter, as of **fall** of year. Beginning **1975,** kindergarten includes nursery schools. For 1970–1982, totals include ungraded, postgraduates, and special classes which are not prorated among grades. For 1960 and 1965, enrollment figures are prorated and 12th grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970,* series H 420–424]

GRADE	ENROLLMENT (1,000)									PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1978	1979	1980	1981	1982	1960	1970	1982
Pupils enrolled	36,087	42,280	45,909	44,791	42,550	41,645	40,987	40,148	39,643	100.0	100.0	100.0
Kindergarten and grades 1–8	27,602	30,652	32,577	30,487	28,425	27,922	27,674	27,269	27,143	76.5	71.0	68.5
Kindergarten	1,923	2,250	2,559	2,945	2,652	2,675	2,689	2,700	2,839	5.3	5.6	7.2
First	3,733	4,014	3,814	3,236	3,062	2,938	2,894	2,951	2,936	10.3	8.3	7.4
Second	3,436	3,800	3,654	3,027	3,148	2,896	2,800	2,786	2,790	9.5	8.0	7.0
Third	3,302	3,662	3,662	3,038	3,158	3,096	2,908	2,812	2,762	9.2	8.0	7.0
Fourth	3,146	3,523	3,676	3,112	3,046	3,130	3,115	2,926	2,797	8.7	8.0	7.1
Fifth	3,118	3,465	3,634	3,281	2,980	3,055	3,130	3,131	2,911	8.6	7.9	7.3
Sixth	3,070	3,362	3,599	3,476	3,036	2,999	3,038	3,180	3,141	8.5	7.8	7.9
Seventh	3,173	3,363	3,662	3,619	3,228	3,128	3,087	3,184	3,287	8.8	8.0	8.3
Eighth	2,701	3,212	3,601	3,636	3,355	3,168	3,091	3,062	3,122	7.5	7.8	7.9
Grades 9–12	8,485	11,628	13,332	14,304	14,125	13,723	13,313	12,879	12,501	23.5	29.0	31.5
Ninth	2,412	3,198	3,652	3,879	3,726	3,516	3,380	3,290	3,247	6.7	8.0	8.2
Tenth	2,258	3,085	3,457	3,723	3,610	3,527	3,375	3,223	3,136	6.3	7.5	7.9
Eleventh	2,063	2,778	3,127	3,354	3,312	3,241	3,195	3,041	2,916	5.7	6.8	7.4
Twelfth	1,752	2,567	2,774	2,986	3,023	2,969	2,925	2,908	2,787	4.8	6.0	7.0

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

NO. 221. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT, BY STATE: 1975 TO 1982

[Enrollment as of **fall.** Includes unclassified students. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION AND STATE	ENROLLMENT (1,000)			ENROLLMENT RATE [1]		
	1975	1980	1982	1975	1980	1982
U.S	44,791	40,984	39,643	88.9	86.5	87.3
Region:						
Northeast	9,667	8,213	7,673	85.1	82.3	82.6
Midwest	12,277	10,763	10,227	88.5	85.9	87.0
South	14,654	14,134	13,939	90.6	87.8	88.6
West	8,192	7,873	7,805	92.0	90.1	90.1
N. Eng	2,557	2,186	1,997	89.6	86.6	85.6
ME	251	222	212	98.0	91.5	92.6
NH	175	167	160	88.6	85.3	85.6
VT	105	96	91	90.4	87.9	88.3
MA	1,198	1,022	909	89.2	88.6	86.0
RI	176	148	139	82.8	79.7	80.3
CT	652	531	486	89.5	83.3	83.1
Mid. Atl	7,110	6,026	5,676	83.6	80.8	81.6
NY	[2] 3,406	2,871	2,719	83.1	80.8	82.0
NJ	[2] 1,458	1,246	1,173	84.7	81.5	82.4
PA	2,246	1,909	1,784	83.8	80.4	80.5
E. No. Cent	8,774	7,689	7,287	88.2	85.6	86.9
OH	2,293	1,957	1,860	89.0	84.8	86.2
IN	1,174	1,056	1,000	90.9	88.0	88.7
IL	2,270	1,983	1,880	85.5	82.6	83.2
MI	2,073	1,863	1,762	90.9	90.1	93.0
WI	964	830	785	84.1	82.1	82.9
W. No. Cent	3,503	3,074	2,940	87.9	86.5	87.3
MN	880	754	715	89.3	87.2	88.2
IA	612	534	505	88.3	88.4	88.6
MO	965	845	803	87.8	83.8	84.7
ND	131	117	117	82.1	85.9	87.3
SD	151	129	124	90.5	87.4	88.6
NE	316	280	269	86.5	86.6	86.2
KS	448	415	407	86.3	88.7	90.0
So. Atl	7,102	6,671	6,479	90.8	87.4	88.1
DE	127	99	93	90.4	79.5	80.9
MD	881	751	699	87.3	83.9	84.9
DC	130	100	91	87.8	91.8	92.9
VA	1,104	1,010	976	93.7	90.7	92.4
WV	404	384	375	98.6	92.6	93.3
NC	1,185	1,129	1,097	92.8	90.0	91.4
SC	630	619	609	89.8	88.1	89.4
GA	1,090	1,069	1,054	90.1	86.9	88.5
FL	1,551	1,510	1,485	88.8	84.4	83.1
E. So. Cent	2,840	2,760	2,671	86.9	85.2	86.1
KY	692	670	651	85.5	83.7	85.2
TN	877	854	828	90.5	87.8	89.0
AL	759	759	724	86.2	87.6	87.4
MS	512	477	468	84.1	79.6	80.6
W. So. Cent	4,712	4,703	4,789	92.6	90.0	90.8
AR	457	448	433	92.1	90.3	91.0
LA	847	778	776	84.7	80.3	81.3
OK	595	578	594	97.2	92.9	93.8
TX	2,813	2,900	2,986	94.5	92.4	93.1
Mt	2,244	2,280	2,302	93.7	92.6	92.3
MT	172	155	152	91.9	92.9	93.3
ID	197	203	203	96.4	95.4	93.5
WY	88	98	102	96.9	97.3	96.2
CO	569	546	545	93.6	92.2	92.8
NM	275	271	269	89.5	89.5	90.3
AZ	[2] 493	514	510	91.5	88.9	88.1
UT	310	344	370	98.6	98.2	97.4
NV	140	149	151	97.1	93.4	92.6
Pac	5,948	5,593	5,503	91.4	88.4	89.2
WA	785	758	739	93.6	91.0	90.7
OR	478	465	448	91.8	88.5	88.4
CA	4,420	4,118	4,065	91.4	88.0	89.2
AK	89	87	89	84.2	94.0	92.7
HI	176	165	162	84.8	83.4	83.5

[1] Percent of persons, 5–17 years. Based on estimated resident population as of July 1, 1975 and 1982, and enumerated resident population as of April 1, 1980. [2] Estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and *Statistics of Public Elementary and Secondary School Systems,* annual.

No. 222. Public Elementary and Secondary Schools, by Enrollment Size and Type of School: 1970 and 1978

[As of fall]

TYPE OF SCHOOL	Number	ENROLLMENT SIZE—PERCENT OF TOTAL							
		49 students or less	50–99 students	100–249 students	250–499 students	500–749 students	750–999 students	1,000 to 1,999 students	2,000 or more students
All schools,[1] 1970	**89,372**	**6.4**	**6.0**	**19.0**	**29.0**	**20.8**	**9.2**	**8.2**	**1.4**
Elementary[2]	47,434	4.5	5.2	19.9	35.7	24.3	7.5	2.8	(z)
Middle/Junior high[3]	9,771	1.3	2.8	10.9	19.4	23.0	19.8	21.8	1.0
Senior high[4]	15,144	2.4	6.9	18.7	20.4	13.9	9.8	20.3	7.4
Unclassified[5]	2,223	1.3	17.0	23.3	14.3	5.7	2.0	1.9	.4
All schools,[1] 1978	**87,365**	**5.7**	**5.2**	**18.8**	**34.4**	**19.5**	**7.7**	**7.4**	**1.4**
Elementary[2]	44,880	2.9	4.7	21.6	43.9	20.6	4.9	1.5	(z)
Middle/Junior high[3]	10,581	.9	1.9	10.0	24.7	28.4	19.9	13.9	.3
Senior high[4]	16,003	5.0	5.6	15.6	18.1	13.9	10.3	24.1	7.3
Unclassified[5]	5,286	18.5	8.4	15.0	36.0	16.6	3.8	1.5	.1

Z Less than .05 percent. [1] Includes other schools not shown separately. [2] Grade span: Prekindergarten through 6. [3] Grade span: 5 through 9. [4] Grade span: 7 through 12. [5] Includes schools for special education and the handicapped.

Source: U.S. National Center for Educational Statistics, *The Condition of Education*, 1982.

No. 223. Minority Enrollment in Public Elementary and Secondary Schools, by Minority-Group School Enrollment, 1976 to 1980, and by States, 1980

[As of fall. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics. Data are based on a survey of public school districts with a substantial minority-group enrollment. Extent of undercoverage (school districts not included) will vary by State. For composition of regions, see fig. I inside front cover]

REGION, DIVISION AND STATE	Total minority enrollment[1] (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT					REGION, DIVISION AND STATE	Total minority enrollment[1] (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT				
		Under 50 percent		90–100 per-cent (1,000)	99–100 percent				Under 50 percent		90–100 per-cent (1,000)	99–100 percent	
		Total (1,000)	Per-cent		Number (1,000)	Per-cent			Total (1,000)	Per-cent		Number (1,000)	Per-cent
Total, 1976	**10,747.0**	**4,287.0**	**39.9**	**3,379.8**	**1,829.2**	**17.0**	**So. Atl**	**1,911.9**	**887.7**	**46.4**	**412.9**	**228.7**	**12.0**
Total, 1978	**10,336.5**	**4,088.4**	**39.6**	**3,115.6**	**1,663.9**	**16.1**	DE	27.1	25.6	94.5	.2	.2	.8
Total, 1980	**9,129.6**	**3,200.7**	**35.4**	**2,976.2**	**1,617.3**	**17.7**	MD	250.7	90.0	36.0	70.5	48.8	19.5
Region:							DC	101.1	.7	.7	94.7	84.1	83.1
Northeast	1,540.4	371.3	24.1	756.5	417.7	27.1	VA	225.4	103.9	46.3	12.6	3.0	1.3
Midwest	1,508.8	507.4	33.6	610.4	420.7	27.9	WV	14.5	13.9	95.7	–	–	–
South	4,023.9	1,585.8	39.4	1,138.3	572.9	14.2	NC	293.9	185.7	63.1	19.2	4.6	1.6
West	2,055.3	735.5	35.8	470.5	205.9	10.0	SC	212.0	95.3	45.0	36.1	15.5	7.3
							GA	304.2	110.4	36.4	90.0	52.8	17.4
N. Eng	**181.7**	**78.1**	**43.0**	**27.3**	**9.5**	**5.2**	FL	483.0	262.2	54.3	89.6	19.7	4.1
ME	1.1	1.1	100.0	–	–	–							
NH	1.5	1.5	100.0	–	–	–	**E. So. Cent**	**620.6**	**236.4**	**38.1**	**194.0**	**116.4**	**18.8**
VT	.3	.3	100.0	–	–	–	KY	50.9	46.1	90.4	–	–	–
MA	87.5	37.7	43.1	2.3	–	–	TN	171.5	55.8	32.5	58.3	29.3	17.1
RI	10.4	7.5	72.1	–	–	–	AL	228.3	90.4	39.6	79.6	55.4	24.3
CT	80.9	30.0	37.1	25.0	9.5	11.7	MS	169.9	44.1	26.0	56.1	31.7	18.7
Mid Atl	**1,358.7**	**293.2**	**21.6**	**729.2**	**408.2**	**30.0**	**W. So. Cent**	**1,491.4**	**461.7**	**31.0**	**531.4**	**227.8**	**15.3**
NY	816.9	158.9	19.4	463.3	250.7	30.7	AR	64.9	28.0	43.1	1.8	–	–
NJ	287.4	63.6	22.2	141.9	64.8	22.5	LA	313.2	114.0	36.4	112.5	78.1	24.9
PA	254.4	70.7	27.8	124.0	92.7	36.5	OK	75.5	53.4	70.8	3.9	–	–
							TX	1,037.8	266.3	25.6	413.2	149.7	14.4
E. No. Cent	**1,271.1**	**363.5**	**28.6**	**553.4**	**380.4**	**29.9**							
OH	251.5	99.8	39.6	36.8	11.5	4.6	**Mt**	**394.2**	**196.3**	**49.8**	**48.8**	**6.2**	**1.6**
IN	115.0	46.3	40.2	37.8	22.0	19.1	MT	9.9	5.9	59.9	2.9	.3	3.0
IL	511.3	112.6	22.1	309.5	247.6	48.4	ID	7.4	7.2	97.5	–	–	–
MI	324.9	69.5	21.4	158.3	93.6	28.8	WY	4.6	4.0	86.1	–	–	–
WI	68.4	35.3	51.7	11.0	5.7	8.4	CO	103.0	58.7	57.0	1.5	.2	.2
							NM	115.5	28.5	24.6	25.2	4.9	4.2
W. No. Cent	**237.7**	**143.9**	**60.5**	**57.0**	**40.3**	**17.0**	AZ	102.6	45.0	43.9	17.5	.6	.6
MN	37.2	35.0	93.9	.9	.6	1.7	UT	23.9	22.5	93.9	.9	.2	.7
IA	18.1	17.7	97.9	–	–	–	NV	27.3	24.5	89.4	.8	–	–
MO	112.8	40.1	35.5	50.0	36.6	32.5							
ND	2.5	2.3	91.9	–	–	–	**Pac**	**1,661.1**	**539.2**	**32.5**	**421.7**	**199.7**	**12.0**
SD	7.4	3.0	41.2	2.3	1.7	23.3	WA	69.7	55.4	79.3	.5	–	–
NE	19.6	15.9	81.3	.8	.3	1.7	OR	27.8	24.2	87.4	.6	.6	2.1
KS	40.1	29.9	74.4	3.0	1.1	2.7	CA	1,427.3	441.7	30.9	391.8	197.7	13.9
							AK	14.4	10.8	74.8	2.3	1.0	6.9
							HI	121.9	7.1	5.9	26.5	.4	.3

– Represents zero. [1] Includes categories not shown separately.

Source: U.S. Office for Civil Rights, *State and National Summaries of Data Collected by The Elementary and Secondary Schools Civil Rights Survey, 1976, 1978,* and *1980.*

NO. 224. ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND TEACHERS, BY TYPE OF CONTROL, 1960 TO 1982, AND PROJECTIONS, 1985 AND 1992

[**In thousands, except percent and ratio.** As of **fall** of year. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Minus sign (–) indicates decrease]

ITEM	1960	1965	1970	1975	1980	1981	1982	1985, proj.	1990, proj.	1992, proj.
PUPILS ENROLLED										
Total	**42,181**	**48,473**	**51,272**	**49,791**	**45,949**	**45,200**	**44,743**	**43,977**	**45,069**	**46,378**
Annual percent change [1]	3.6	2.8	1.1	–.6	–1.6	–1.6	–1.0	–.6	.5	1.4
Elementary	29,150	31,570	31,553	29,340	27,779	27,519	27,565	27,181	29,907	30,885
Secondary	13,031	16,904	19,719	20,451	18,170	17,680	17,178	16,796	15,162	15,493
Public	36,281	42,173	45,909	44,791	40,987	40,099	39,643	38,977	39,869	41,078
Elementary	24,350	26,670	27,501	25,640	24,156	23,819	23,865	23,581	25,907	26,785
Secondary	11,931	15,504	18,408	19,151	16,831	16,280	15,778	15,396	13,962	14,293
Private [2]	5,900	6,300	5,363	[3] 5,000	4,962	5,100	[3] 5,100	5,000	5,200	5,300
Elementary	4,800	4,900	4,052	3,700	3,623	3,700	3,700	3,600	4,000	4,100
Secondary	1,100	1,400	1,311	1,300	1,339	1,400	1,400	1,400	1,200	1,200
CLASSROOM TEACHERS										
Total	**1,600**	**1,933**	**2,288**	**2,451**	[3] **2,439**	**2,403**	**2,401**	**2,413**	**2,527**	**2,624**
Annual percent change [1]	4.5	3.9	3.4	1.4	–.1	–1.5	–.1	.2	.9	1.9
Elementary	991	1,112	1,281	1,352	1,365	1,349	1,362	1,371	1,550	1,618
Secondary	609	822	1,007	1,099	1,074	1,054	1,039	1,042	977	1,006
Public	1,408	1,710	2,055	2,196	2,162	2,117	[4] 2,110	2,119	2,209	2,299
Elementary	858	965	1,128	1,180	1,177	1,155	1,165	1,174	1,321	1,379
Secondary	550	746	927	1,016	985	962	945	945	888	920
Private	192	223	233	[3] 255	277	286	291	294	318	325
Elementary	133	147	153	172	188	194	197	197	229	239
Secondary	59	76	80	83	89	92	94	97	89	86
PUPIL-TEACHER RATIO										
Public: Elementary	28.4	27.6	24.4	21.7	20.5	20.6	20.5	20.1	19.6	19.4
Secondary	21.7	20.8	19.9	18.8	17.1	16.9	16.7	16.3	15.7	15.5
Private: Elementary	36.1	33.3	26.5	21.5	19.3	19.1	18.8	18.3	17.5	17.2
Secondary	18.6	18.4	16.4	15.7	15.0	15.2	14.9	14.4	13.5	14.0

[1] Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Data for 1970 and later years have been revised since originally published. [3] Estimated. [4] Preliminary.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics,* biennial; *Digest of Education Statistics,* annual and unpublished data.

NO. 225. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CLASSROOM TEACHERS BY DEGREE HELD, 1973 TO 1983, AND BY EXPERIENCE, 1978 AND 1983

[As of **spring.** Based on sample and subject to sampling variability]

DEGREE AND EXPERIENCE	1973		1978			1983				
	Elementary	Secondary	Elementary	Junior High [1]	Senior High	Elementary	Junior High [1]	Senior High	Men	Women
Percent, highest degree held:										
Less than bachelor's	2.2	.7	.5	–	.2	(NA)	(NA)	(NA)	(NA)	(NA)
Bachelor's	72.4	59.1	60.6	49.5	46.6	51.4	47.2	42.9	38.4	52.1
Masters	23.3	37.0	36.5	46.2	48.0	44.7	47.6	49.2	54.1	43.0
Professional degree, 6 years	2.2	3.1	2.4	3.8	4.1	3.7	4.9	7.4	6.6	4.7
Doctorate	–	.1	–	.5	1.1	.1	.3	.4	.8	.2
Percent with teaching experience of—										
1–2 years			7.7	8.6	5.5	3.8	2.9	2.9	1.4	4.1
3–4 years			11.3	11.0	11.2	6.7	4.6	3.6	3.9	5.7
5–9 years			28.8	31.1	24.7	23.4	24.1	19.1	18.4	24.4
10–14 years	(NA)		20.2	17.7	24.3	21.6	30.3	28.0	26.7	25.3
15–19 years			12.6	15.3	15.3	18.2	14.0	19.1	19.2	16.5
20 years or more			19.4	16.3	19.0	26.3	24.1	27.4	30.3	24.0
Median [2] (years)			10	9	11	13	13	14	14	13

– Represents or rounds to zero. NA Not available. [1] Includes middle schools. [2] For definition of median, see Guide to Tabular Presentation.

Source: National Education Association, Washington, DC, *Nationwide Teacher Opinion Poll,* 1973, 1978 and 1983. (Copyright 1973, 1978 and 1983 by the National Education Association. All rights reserved.)

NO. 226. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, 1960 TO 1984, AND BY STATES, 1984

[Estimates for school year ending in **June**. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

YEAR AND STATE	TEACHERS [1] (1,000)			AVG. SALARY ($1,000)			STATE	TEACHERS [1] (1,000)			AVG. SALARY ($1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary		Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960	1,355	834	521	5.0	4.8	5.3	ME	12.3	7.8	4.5	17.3	16.8	18.2
1965	1,648	940	708	6.2	6.0	6.5	MD	37.4	17.3	20.1	24.1	23.1	24.5
1970	2,008	1,109	899	8.6	8.4	8.9	MA	48.3	20.1	28.2	22.5	22.2	22.7
1974	2,138	1,152	986	10.8	10.5	11.1	MI	73.0	37.8	35.2	28.9	28.7	29.1
1975	2,171	1,169	1,001	11.7	11.3	12.0	MN	38.5	18.5	20.1	24.5	23.7	25.2
1976	2,191	1,170	1,021	12.6	12.3	12.9	MS	24.9	13.5	11.4	15.9	15.6	16.2
1977	2,186	1,176	1,011	13.4	13.0	13.8	MO	46.7	23.3	23.4	19.3	18.8	19.8
1978	2,197	1,176	1,020	14.2	13.9	14.6	MT	9.4	6.3	3.1	20.7	20.1	21.8
1979	2,206	1,193	1,013	15.0	14.7	15.4	NE	16.8	8.8	8.0	18.8	18.0	19.6
1980	2,217	1,209	1,008	16.0	15.6	16.5	NV	7.3	3.9	3.4	23.0	22.0	23.0
1981	2,209	1,205	1,003	17.6	17.2	18.1	NH	9.7	5.1	4.6	17.4	17.4	17.4
1982	2,160	1,192	968	19.3	18.8	19.8	NJ	73.3	41.9	31.4	23.0	22.6	23.6
1983	2,136	1,179	956	20.7	20.2	21.4	NM	15.5	8.1	7.4	20.8	20.4	21.8
1984, U.S.	**2,117**	**1,171**	**946**	**22.0**	**21.5**	**22.7**							
AL	39.2	20.0	19.3	18.0	18.0	18.0	NY	164.0	74.0	90.0	26.8	25.9	27.5
AK	6.4	3.2	3.2	36.6	36.3	36.8	NC	54.7	33.0	21.7	18.0	18.3	18.5
AZ	25.7	18.3	7.3	21.6	21.5	21.8	ND	7.4	4.7	2.7	20.4	19.5	21.2
AR	23.9	11.7	12.2	16.9	16.4	17.4	OH	92.8	52.8	40.0	21.4	20.9	22.1
CA	170.4	108.5	61.9	26.4	25.5	27.2	OK	35.7	18.7	17.0	18.5	18.0	19.0
CO	29.4	15.3	14.2	22.9	22.5	23.8	OR	24.0	14.1	9.9	22.8	22.4	23.7
CT	32.7	18.9	13.8	22.6	22.4	23.0	PA	102.2	48.1	54.0	22.8	22.7	22.9
DE	5.4	2.5	3.0	20.9	20.4	21.4	RI	7.4	3.6	3.9	24.6	25.6	23.6
DC	5.6	3.4	2.3	27.7	27.7	27.7	SC	32.1	20.4	11.6	17.5	17.0	18.2
FL	83.1	46.4	36.6	19.5	19.9	19.2	SD	8.0	5.3	2.7	16.5	16.2	16.7
GA	56.3	33.7	22.6	18.5	18.2	18.9	TN	39.1	24.3	14.9	17.9	17.8	18.0
HI	8.1	4.4	3.7	24.4	25.3	24.0	TX	171.1	94.6	76.5	20.1	19.4	20.8
ID	9.9	5.1	4.8	18.6	17.9	19.4	UT	15.4	9.4	6.0	20.3	19.4	21.4
IL	101.1	66.4	34.7	23.3	22.3	25.3	VT	6.2	2.9	3.3	17.9	17.4	18.5
IN	49.5	24.8	24.6	21.6	21.1	22.0	VA	56.2	33.1	23.0	19.9	19.2	20.8
IA	30.7	14.3	16.4	20.1	19.4	20.8	WA	34.0	18.0	16.0	24.8	24.4	25.2
KS	25.8	14.3	11.5	19.6	19.5	19.7	WV	22.4	12.7	9.8	17.5	16.7	18.5
KY	32.0	20.8	11.2	19.8	19.3	20.7	WI	47.6	26.1	21.5	23.0	22.5	23.6
LA	41.6	26.5	15.1	19.1	18.1	19.6	WY	7.1	4.6	2.5	24.5	24.0	25.1

[1] Full-time equivalent.

Source: National Education Association, Washington, DC, *Estimates of School Statistics, 1983–84*. (Copyright © 1984 by the National Education Association. All rights reserved.)

NO. 227. AVERAGE STARTING SALARIES OF PUBLIC SCHOOL TEACHERS COMPARED WITH SALARIES IN PRIVATE INDUSTRY, BY INDUSTRY: 1975 TO 1983

[For school year ending in year shown. Salaries based on offers to graduates by approximately 200 companies; based on offers made to students in November of prior year who will graduate in June of year shown]

POSITION	1975 [1]	1976	1977	1978	1979	1980	1981	1982	1983
Teachers [2]	$8,233	$8,768	$9,200	$9,739	$10,138	$10,764	$11,758	$12,769	(NA)
College graduates:									
Engineering	11,940	13,236	13,980	15,606	17,172	18,528	20,136	22,368	25,428
Accounting	11,472	11,712	12,396	13,056	13,992	14,784	15,720	16,980	18,648
Sales—marketing	10,080	11,220	11,316	12,084	12,420	15,072	15,936	17,220	18,372
Business administration	9,324	9,948	10,224	11,556	12,516	13,440	14,100	16,200	17,448
Liberal arts	8,940	9,696	10,020	11,004	11,952	12,696	13,296	15,444	15,924
Chemistry	11,160	11,640	12,384	14,088	15,036	16,200	17,124	19,536	21,492
Mathematics—statistics	10,440	11,004	11,928	12,756	13,872	16,692	17,604	18,600	21,516
Economics—finance	10,104	10,404	10,644	11,424	12,408	13,740	14,472	16,884	17,532
Computer sciences	(NA)	(NA)	(NA)	13,188	14,400	16,500	17,712	20,364	22,260
Other fields	10,368	10,956	11,820	13,476	13,560	16,224	17,544	20,028	22,716
INDEX (1975=100)									
Teachers [2]	100	107	112	118	123	131	143	155	(NA)
College graduates:									
Engineering	100	111	117	131	144	155	169	187	213
Accounting	100	102	108	114	122	129	137	148	163
Sales—marketing	100	111	112	120	123	150	158	171	182
Business administration	100	107	110	124	134	144	151	174	187
Liberal arts	100	109	112	123	134	142	149	173	178
Chemistry	100	104	111	126	135	145	153	175	193
Mathematics—statistics	100	105	114	122	133	160	169	178	206
Economics—finance	100	103	105	113	123	136	143	167	174
Other fields [3]	100	106	114	130	131	157	169	193	219

NA Not available. [1] Male graduates. [2] Minimum mean salary for those with a bachelor's degree. [3] Excludes computer sciences.

Source: National Education Association, Washington, DC, *Prices, Budgets, Salaries and Income*, February 1983. (Copyright © 1983 by the National Education Association. All rights reserved.)

NO. 228. PUBLIC ELEMENTARY AND SECONDARY SCHOOL PRICE INDEXES: 1975 TO 1983

[1975=100. For years ending June 30. Reflects prices paid by public elementary-secondary schools. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change [1]	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT						
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment replacement	Library materials and textbooks	Utilities	Fixed costs
1975	100	(X)	100	100	100	100	100	100	100	100	100	100	100
1976	109	8.6	109	108	107	118	109	107	108	110	113	111	113
1977	116	6.8	116	113	114	137	117	114	113	116	116	123	128
1978	124	6.8	123	120	122	149	126	121	119	124	124	135	142
1979	135	9.2	135	128	131	184	138	128	131	135	132	156	160
1980	148	9.0	145	137	140	209	157	139	148	148	138	204	179
1981	166	12.2	162	152	155	243	179	153	165	164	146	258	200
1982	182	9.7	179	166	170	280	193	169	174	178	151	285	218
1983	193	6.6	192	179	180	307	197	179	172	186	166	279	231

X Not applicable. [1] Change from immediate prior year shown.

Source: Research Associates of Washington, Washington, DC, *Inflation Measure for Schools and Colleges, 1983.*

NO. 229. FINANCES OF PUBLIC SCHOOL SYSTEMS, 1980 TO 1982, AND BY ENROLLMENT-SIZE GROUP, 1982

[In millions of dollars, except percent. Based on surveys and the 1982 Census of State and local governments. For details, see source. Minus sign (–) indicates decrease. See also Appendix III]

ITEM	1980, all school systems	1981, all school systems	1982, BY ENROLLMENT-SIZE GROUP						
			All school systems		Over 50,000	25,000 to 50,000	15,000 to 24,999	7,500 to 14,999	Under 7,500
			Total	Percent change [1]					
General revenue [2]	**101,970**	**111,122**	**118,298**	**6.5**	**21,010**	**10,489**	**10,225**	**18,720**	**57,854**
Intergovernmental	56,279	60,961	63,581	4.3	12,223	6,284	5,722	10,022	29,331
From Federal government	1,645	1,742	1,251	–28.2	293	136	116	164	541
From States	53,088	57,644	60,684	5.3	11,830	5,986	5,513	9,702	27,652
Federal aid distributed by State governments	7,459	7,711	7,020	–9.0	1,739	693	536	988	3,064
From local governments	1,547	1,575	1,646	4.5	100	161	93	156	1,136
From own sources	45,692	50,160	54,717	9.1	8,787	4,206	4,504	8,698	28,522
Taxes	29,212	32,271	35,532	10.1	4,365	2,698	2,745	5,528	20,196
Property	28,089	31,021	34,400	10.9	4,119	2,570	2,681	5,342	19,688
Contribution from parent government	8,809	9,280	9,456	1.9	3,188	575	805	1,531	3,357
Charges and miscellaneous	7,670	8,609	9,729	13.0	1,235	932	954	1,640	4,964
Current charges	4,417	4,712	5,157	9.4	612	525	565	933	2,521
School lunch sales	2,003	2,103	2,299	9.3	293	195	192	392	1,227
Interest earnings	1,764	2,171	2,720	25.3	341	245	232	446	1,456
Other	1,489	1,727	1,853	7.3	282	161	156	261	992
General expenditure [2]	**100,532**	**108,796**	**114,990**	**5.7**	**20,724**	**10,333**	**10,037**	**18,332**	**55,565**
Intergovernmental	470	435	507	16.6	133	3	5	61	305
Direct	100,063	108,360	114,483	5.7	20,592	10,330	10,032	18,271	55,260
Current operation	90,589	98,838	105,400	6.6	19,264	9,515	9,193	16,792	50,638
Salaries and wages	61,944	67,683	71,886	6.2	13,532	6,698	6,408	11,617	33,632
Capital outlay	7,517	7,472	6,879	–7.9	1,027	629	633	1,119	3,472
Construction	5,226	5,035	4,392	–12.8	622	427	397	755	2,191
Interest on debt	1,957	2,050	2,204	7.5	301	186	206	362	1,150
Direct expenditure by level of instruction:									
Elementary and secondary	92,113	99,715	105,023	5.3	19,192	8,986	8,592	16,572	51,682
Higher education	5,993	6,595	7,256	10.0	1,099	1,158	1,234	1,337	2,428
Debt outstanding [3]	**36,685**	**36,094**	**35,955**	**–.4**	**4,831**	**3,301**	**3,622**	**5,899**	**18,302**
Long-term	35,405	34,784	34,367	–1.2	4,778	3,197	3,523	5,644	17,226
Short-term	1,280	1,310	1,588	21.2	53	104	100	255	1,076
Long-term debt issued	2,961	2,488	2,200	–11.6	156	168	270	359	1,247
Long-term debt retired	2,997	3,053	3,072	.6	487	256	275	532	1,521
Cash, security holdings, excl. employee-retirement [3]	16,733	17,694	19,334	9.3	2,042	1,832	1,955	2,923	10,582

[1] Change from 1981. [2] Excludes interschool system transactions. [3] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Finances of Public School Systems, series GF, No. 10, annual,* and *1982 Census of Governments,* vol. 4, no. 1.

NO. 230. PUBLIC ELEMENTARY AND SECONDARY SCHOOL FINANCES, 1970 TO 1984, AND BY STATE, 1984

[In millions of dollars, except as noted. Data are estimates. For school years ending in **June** of year shown]

YEAR AND STATE	RECEIPTS						EXPENDITURES					
	Total	Revenue receipts				Non-revenue receipts	Total [1]	Per capita [2] (dol.)	Current expenditures			Capital outlay
		Total	Source						Elem. and secondary day schools	Average per pupil in ADA [3]		
			Federal	State	Local					Amount (dol.)	Rank	
1970	41,621	38,192	2,767	15,628	19,797	3,429	39,091	194	32,683	773	(x)	4,158
1975	66,319	63,047	5,089	27,472	30,486	3,273	62,340	292	53,333	1,286	(x)	5,409
1980	101,724	97,635	9,020	47,929	40,686	4,089	96,105	428	85,661	2,230	(x)	6,504
1981	110,279	106,350	9,280	51,560	45,510	3,928	104,969	462	94,085	2,488	(x)	6,737
1982	117,600	113,780	8,461	54,868	50,451	3,820	112,786	491	101,971	2,758	(x)	6,415
1983	124,562	120,658	8,376	57,989	54,293	3,903	119,624	516	108,575	2,960	(x)	6,690
1984, total	**130,715**	**126,904**	**8,345**	**61,793**	**56,766**	**3,812**	**127,283**	**544**	**115,717**	**3,173**	**(x)**	**7,025**
AL	1,570	1,532	201	1,032	300	38	1,570	397	1,469	2,102	50	80
AK	666	643	8	534	101	22	658	1,374	579	7,026	1	41
AZ	1,530	1,530	130	800	600	–	1,435	484	1,246	2,738	37	137
AR	999	990	112	570	307	10	992	426	893	2,198	46	74
CA	12,905	12,835	885	8,600	3,350	70	13,070	519	11,850	2,912	31	500
CO	2,002	1,912	90	803	1,019	90	1,788	570	1,643	3,261	19	88
CT	1,986	1,985	103	758	1,125	(z)	1,986	633	1,821	4,036	6	107
DE	355	347	32	234	80	9	332	548	309	3,735	10	8
DC	369	369	43	–	326	–	349	560	320	4,116	5	20
FL	4,983	4,905	407	2,640	1,857	78	4,856	455	4,401	3,201	22	407
GA	2,483	2,482	231	1,455	796	1	2,542	443	2,341	2,322	44	147
HI	635	635	57	576	2	–	621	607	596	3,982	7	8
ID	478	468	33	300	135	10	475	480	435	2,198	47	30
IL	6,592	6,424	491	2,424	3,509	168	5,893	513	5,470	3,397	16	265
IN	2,604	2,558	146	1,371	1,041	47	2,705	494	2,399	2,730	38	219
IA	1,664	1,640	91	639	909	24	1,598	550	1,500	3,212	20	82
KS	1,433	1,409	70	623	717	24	1,396	576	1,221	3,361	18	105
KY	1,697	1,617	170	1,147	300	80	1,618	436	1,493	2,550	42	80
LA	2,166	2,106	186	1,250	670	60	2,151	485	1,970	2,802	35	127
ME	593	581	45	296	240	12	593	517	549	2,813	34	19
MD	2,487	2,487	139	984	1,363	(z)	2,417	562	2,305	3,720	12	64
MA	3,222	3,217	183	1,287	1,747	5	3,252	564	2,979	3,739	9	179
MI	5,573	5,518	289	1,759	3,470	55	5,640	622	5,200	3,208	21	131
MN	2,602	2,582	113	1,397	1,071	20	2,453	592	2,234	3,378	17	110
MS	936	916	178	507	231	20	922	356	858	1,962	51	50
MO	2,285	2,232	153	820	1,259	53	1,987	400	1,850	2,600	40	80
MT	622	603	55	273	275	19	566	693	504	3,631	14	45
NE	800	790	50	225	515	10	768	481	740	2,927	28	10
NV	456	448	18	179	251	8	445	499	401	2,861	33	30
NH	454	449	16	37	396	5	430	448	401	2,796	36	21
NJ	5,473	5,373	204	2,109	3,060	100	5,308	711	5,135	4,943	2	53
NM	842	833	90	647	96	9	1,018	728	749	2,921	29	217
NY	12,229	11,647	430	4,868	6,349	582	12,200	691	11,302	4,783	3	476
NC	2,669	2,654	304	1,637	713	15	2,609	429	2,507	2,447	43	103
ND	372	363	26	215	122	9	371	546	336	2,969	26	29
OH	6,080	5,680	290	2,540	2,850	400	5,465	509	5,150	3,042	25	160
OK	1,961	1,891	148	1,200	543	70	1,785	541	1,600	2,891	32	155
OR	1,654	1,650	93	475	1,082	4	1,654	621	1,561	3,771	8	60
PA	7,107	6,524	280	2,965	3,279	583	6,623	557	5,875	3,725	11	226
RI	470	470	22	168	280	–	469	491	456	3,720	13	5
SC	1,543	1,423	118	813	492	120	1,445	443	1,255	2,255	45	122
SD	362	360	38	97	225	2	337	481	308	2,640	39	20
TN	1,831	1,736	174	797	765	95	1,830	391	1,684	2,173	48	76
TX	9,940	9,300	784	4,281	4,235	640	9,680	616	8,156	2,913	30	1,162
UT	921	896	46	491	359	25	1,003	620	754	2,119	49	198
VT	315	309	18	104	187	6	301	573	282	3,148	23	6
VA	2,945	2,845	188	1,222	1,435	100	2,856	515	2,670	2,968	27	100
WA	2,468	2,424	136	1,821	466	44	2,559	595	2,144	3,106	24	309
WV	1,025	1,023	94	626	303	2	989	503	891	2,587	41	49
WI	2,744	2,725	120	1,033	1,572	19	2,715	571	2,506	3,553	15	98
WY	621	574	19	165	390	47	559	1,088	420	4,488	4	118

– Represents zero. X Not applicable. Z Less than $500,000. [1] Includes interest on school debt and other current expenditures not shown separately. [2] Based on Bureau of the Census estimated resident population, as of July 1, the preceeding year. [3] Average daily attendance.

Source: National Education Association, Washington, DC, *Estimates of School Statistics*, annual (copyright), and unpublished data.

No. 231. Public School Pupil Transportation: 1950 to 1981

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series H 531-534]

ITEM	Unit	1950	1960	1968	1970	1974	1976	1978	1980	1981 [1]
Pupils transported at public expense [2]	Million	6.9	12.2	17.1	18.2	21.3	21.8	21.8	21.5	21.4
Percent of pupils in ADA [2]	Percent	27.7	37.6	42.0	43.4	51.5	52.8	54.4	56.1	56.6
Expenditure of public funds [3]	Mil. dol	215	486	981	1,219	1,858	2,377	2,731	3,833	4,694
Cost per pupil transported [2]	Dollars	31	40	57	67	87	109	125	179	220

[1] Preliminary. [2] Prior to 1960 based on enrollment; thereafter, average daily attendance (ADA). [3] Excludes capital outlay.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 232. Public Elementary and Secondary Students in Educational Programs for the Handicapped, by Type of Handicap: 1977 to 1983

[In thousands, except percent. For school year ending in year shown. For persons 3 to 21 years old]

TYPE OF HANDICAP	1977	1978	1979	1980	1981	1982	1983
All conditions	**3,692**	**3,751**	**3,889**	**4,005**	**4,142**	**4,198**	**4,255**
PERCENT DISTRIBUTION							
Learning disabled	21.5	25.7	29.1	31.9	35.3	38.6	40.9
Speech impaired	35.3	32.6	31.2	29.6	28.2	27.0	26.6
Mentally retarded	26.0	24.9	23.2	21.7	20.0	18.7	17.8
Emotionally disturbed	7.6	7.7	7.7	8.2	8.4	8.1	8.3
Hard of hearing and deaf	2.4	2.3	2.2	2.0	1.9	1.8	1.7
Orthopedically handicapped	2.3	2.3	1.8	1.6	1.4	1.4	1.3
Other health impaired	3.8	3.6	2.7	2.6	2.4	1.9	1.2
Visually handicapped	1.0	.9	.8	.8	.8	.7	.7
Multihandicapped	(NA)	(NA)	1.3	1.5	1.6	1.7	1.5
Deaf-blind	(NA)	(NA)	.1	.1	.1	.1	.1

NA Not available.

Source: U.S. National Center for Education Statistics, *Condition of Education,* 1984.

No. 233. School Library Media Centers (LMC)—Median Expenditures and Median Collection Size, by Selected Characteristic: 1983

[For school year ending in year shown. Based on sample survey of approximately 33,000 school library subscribers to *The School Library Journal.* For composition of regions, see fig. 1 inside front cover. All figures are medians. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	School enrollment	EXPENDITURES [1]		BOOK COLLECTION			AUDIO-VISUAL (AV) COLLECTION [3]		
		Total	Per pupil	Number	Per pupil	Volumes added [2]	Number	Per pupil	AV added [2]
Total	**546**	**$4,400**	**$7.66**	**9,442**	**16**	**300**	**1,106**	**2**	**27**
Level of school:									
Elementary	450	3,280	7.29	8,000	18	250	1,200	3	28
Junior/Middle	696	4,899	7.33	10,000	15	320	1,288	2	25
Senior high	900	7,744	9.04	12,000	15	367	1,000	1	30
Control of school:									
Public	550	4,405	7.60	9,510	16	300	1,200	2	27
Private	440	4,299	10.88	8,500	20	336	600	1	25
Size of school district:									
Below 50,000 students	501	4,521	8.67	9,200	17	300	1,000	2	25
50,000 to 199,999	640	4,410	6.61	10,000	14	300	1,259	2	31
200,000 to 749,999	652	3,662	6.15	9,060	14	225	1,319	2	20
Over 750,000 students	600	5,090	6.88	10,000	15	349	1,900	3	30
Region of school:									
Northeast	509	4,383	8.45	10,000	18	285	1,075	2	25
South	590	4,120	6.85	9,080	15	294	1,400	3	36
Midwest	500	4,800	9.14	9,000	17	300	914	2	25
West	590	4,762	7.69	9,512	16	300	1,000	1	20
Districts:									
With a media coordinator	595	4,210	6.98	10,000	16	300	1,364	2	31
With no media coordinator	505	4,636	8.80	9,000	16	300	934	2	25

[1] Expenditures for materials. Includes funds budgeted directly to the LMC through local education agencies, Federal funds and gift funds. [2] During 1982-83. [3] As reported by respondents; generally represents the number of items catalogued.

Source: R. R. Bowker, New York, NY, "Expenditures for Resources in School Library Media Centers FY 1982-83," by Marilyn L. Miller and Barbara B. Moran, *School Library Journal,* October 1983. (Copyright.)

NO. 234. AVAILABILITY OF COMPUTER UNITS IN PUBLIC SCHOOLS: 1982 AND 1983

[As of **Spring 1982.** Based on survey and subject to sampling variation. For details, see source]

COMPUTER AVAILABILITY	SCHOOLS WITH COMPUTER UNITS				NUMBER OF COMPUTER UNITS			
	Number		Percent[1]		Total		Average per school	
	1982	1983 [2]	1982	1983 [2]	1982	1983 [2]	1982	1983 [2]
All applications:								
Micros	28,959	37,053	35	45	101,987	156,269	3.5	4.2
Terminals	8,848	10,363	11	13	30,472	34,826	3.4	3.4
Either or both	31,068	38,573	38	47	132,459	191,095	4.3	5.0
Instructional use:								
Micros	27,501	34,847	34	43	96,462	146,065	3.5	4.2
Terminals	5,898	6,803	7	8	24,446	27,155	4.1	4.0
Either or both	29,028	36,181	35	44	120,908	173,220	4.2	4.8

[1] Percent of schools in-scope and operational at survey time. [2] Estimated.

Source: National Center for Education Statistics, *Instructional Use of Computers in Public Schools, Spring 1982,* March 1984.

NO. 235. USE OF MICROCOMPUTERS IN ELEMENTARY AND SECONDARY SCHOOLS, BY REGION: 1982–1983

[Based on a probability sample of 2,209 public, private and parochial schools between November 1982 and March 1983. Elementary includes schools with grades K–6 or K–8; secondary includes all other. For details, contact source. For composition of regions, see fig. I inside front cover]

ITEM	ELEMENTARY					SECONDARY				
	Total	North-east	Mid-west	South	West	Total	North-east	Mid-west	South	West
Percent with one or more micros	42	44	47	28	51	77	85	81	67	76
Among owners—										
Number [1] of micros	2	2	2	2	2	5	7	3	4	5
Ratio [1] of students per micro	183	200	182	330	100	125	108	139	166	100
Percent [1] of students using micro [2]	16	12	25	13	26	13	13	14	9	16
Number [1] of minutes of use per student [3]	24	34	23	22	20	51	54	48	48	60
Percent reporting "intensive use" of micros for—										
Drill and practice	19	16	16	28	19	11	8	8	17	9
Programming instruction	21	33	20	19	17	51	54	47	44	64
By—"Above-Average" students	30	18	32	37	31	34	39	34	29	40
"Average" students	12	3	10	20	18	12	17	10	13	6
"Below Average" students	15	4	20	14	15	9	8	9	11	8

[1] Median. For definition, see Guide to Tabular Presentation. [2] During an average week. [3] Per student user per week.

Source: Center for Social Organization of Schools, The Johns Hopkins University, *Baltimore, MD, National Survey of School Uses of Microcomputers, 1983,* and unpublished data.

NO. 236. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1983

[As of **October 1.** Regular sessions only. See also *Historical Statistics, Colonial Times to 1970,* series H 535-544]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Elementary schools	Number	10,501	10,879	9,362	8,340	8,159	8,100	8,043	7,996	7,950	7,937
Pupils enrolled	1,000	4,373	4,492	3,359	2,525	2,365	2,293	2,269	2,266	2,225	2,180
Teachers, total	1,000	108	120	112	99	99	98	97	97	97	99
Religious	1,000	79	76	52	35	29	27	25	24	22	21
Lay	1,000	29	44	60	64	70	70	72	73	75	78
Secondary schools	Number	2,392	2,413	1,981	1,653	1,564	1,540	1,516	1,498	1,482	1,464
Pupils enrolled	1,000	880	1,082	1,008	890	853	846	837	828	801	788
Teachers, total	1,000	44	57	54	50	49	50	49	49	49	48
Religious	1,000	33	38	28	20	16	15	14	14	13	12
Lay	1,000	11	19	26	30	33	34	35	35	36	36

Source: National Catholic Educational Association, Washington, DC, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967–68 to 1969–70,* and *U.S. Catholic Schools, 1973–74,* and National Catholic Educational Association/ Ganley's, *Catholic Schools in America,* annual. (Copyright.)

No. 237. Characteristics of Private Schools, by Level and Affiliation: 1976 to 1980

[As of **fall.** Elementary includes any combination of grades from prekindergarten through 8. Secondary includes any combination of grades from 7 through 12. Combined must include at least one grade below grade 7 and one above grade 8]

Level and item	All private schools			No affiliation			Religious affiliation					
							Total			Catholic		
	1976	1978	1980 [1]	1976	1978	1980 [1]	1976	1978	1980 [1]	1976	1978	1980 [1]
Total:												
Schools	20,081	19,663	20,764	4,171	3,944	4,722	15,910	15,719	16,042	9,966	9,849	9,509
Pupils (1,000)	5,167	5,084	4,962	758	747	795	4,409	4,338	4,166	3,423	3,270	3,138
Teachers [2] (1,000)	269	273	277	62	63	70	207	209	207	146	143	144
Pupil/teacher ratio	19.2	18.6	17.9	12.2	11.9	11.4	21.3	20.8	20.1	23.4	22.9	21.8
Elementary: [3]												
Schools	12,965	12,749	13,333	1,476	1,384	1,678	11,489	11,365	11,655	8,092	8,020	7,783
Pupils (1,000)	3,081	2,989	2,902	184	184	211	2,896	2,804	2,691	2,464	2,342	2,241
Teachers [2] (1,000)	133	133	133	14	14	15	119	119	117	95	93	92
Pupil/teacher ratio	23.2	22.5	21.8	13.1	13.1	14.1	24.3	23.6	23.0	25.9	25.2	24.4
Secondary:												
Schools	2,484	2,418	2,219	473	445	419	2,011	1,973	1,800	1,552	1,518	1,410
Pupils (1,000)	1,080	1,068	1,004	97	100	95	983	969	909	882	857	825
Teachers [2] (1,000)	62	63	62	9	9	9	53	53	53	46	45	46
Pupil/teacher ratio	17.4	17.0	16.2	10.8	11.1	10.6	18.5	18.3	17.2	19.2	19.0	17.9
Combined:												
Schools	3,420	3,348	3,459	1,276	1,219	1,212	2,144	2,129	2,247	140	135	149
Pupils (1,000)	905	937	929	401	396	392	504	540	537	58	53	56
Teachers [2] (1,000)	61	64	65	30	31	32	31	34	33	3	3	3
Pupil/teacher ratio	14.8	14.6	14.3	13.4	12.8	12.3	16.3	15.9	16.3	19.3	17.7	18.7
Other: [4]												
Schools	1,212	1,148	1,753	946	896	1,413	266	252	340	182	176	167
Pupils (1,000)	101	90	126	76	66	98	25	24	28	19	18	16
Teachers [2] (1,000)	12	13	18	9	10	14	3	3	3	2	2	2
Pupil/teacher ratio	8.4	6.9	7.0	8.4	6.6	7.0	8.3	8.0	9.3	9.5	9.0	8.0

[1] Revised data from the NCES 1980-81 private elementary and secondary school survey. [2] Full-time equivalent teachers. [3] Includes middle schools. [4] Includes special education, vocational/technical, and alternative schools regardless of grade span.

Source: U.S. National Center for Education Statistics, *Private Schools in American Education,* and unpublished data.

No. 238. Private Elementary and High Schools—Enrollment and Tuition, by Race, Family Income, Education of Family Householder, and Residence: 1982

[As of **October.** Civilian noninstitutional population. Based on Current Population Survey; see text, pp. 1 and 2]

Item	Enrollment (1,000)			Mean tuition (dol.)		Item	Enrollment (1,000)			Mean tuition (dol.)	
	All schools	Private		All private	Church related		All schools	Private		All private	Church related
		Total	Church related					Total	Church related		
Enrolled: Total	**41,534**	**4,151**	**3,441**	**1,029**	**827**	EDUCATION [1] [3]					
Dependent family members	40,902	4,128	3,423	1,028	825	Elementary:					
RACE [1]						0-8 yr	5,032	202	166		
White	33,369	3,726	3,095	1,024	825	High school:					
Black	6,245	277	220	975	796	1-3 yr	5,811	326	279		
Spanish origin [2]	3,464	300	264	837	747	4 yr. or more	14,875	1,340	1,151	(NA)	(NA)
INCOME [1] (dol.)						College:					
Less than 7,500	6,121	206	186	666	677	1-3 yr	6,618	855	745		
7,500 to 14,999	8,133	499	447	778	690	4 yr. or more	7,832	1,367	1,048		
15,000 to 24,999	9,749	976	820	852	787	Not reported	734	38	34		
25,000 to 34,999	7,380	996	855	905	742	RESIDENCE [4]					
35,000 to 49,999	4,755	629	522	1,063	873	Northeast	8,774	1,171	985	1,063	783
50,000 to 74,999	2,072	344	270	1,573	1,156	Midwest	10,743	1,260	1,145	766	691
75,000 and over	715	221	142	2,106	1,374	South	13,782	1,026	740	1,209	993
Not reported	1,978	256	182	1,100	775	West	8,235	693	570	1,154	942

NA Not available. [1] Dependent family members. [2] Persons of Spanish origin may be of any race. [3] Education of family householder. [4] Total enrolled.

Source: U.S. Bureau of the Census, unpublished data.

No. 239. Scholastic Aptitude Test (SAT) Scores and Characteristics of College Bound Seniors: 1967 to 1983

[For school year ending in year shown]

TYPE OF TEST AND CHARACTERISTIC	Unit	1967	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
TEST SCORES [1]												
Verbal, total [2]	Point	466	460	434	431	429	429	427	424	424	426	425
Male	Point	463	459	437	433	431	433	431	428	430	431	430
Female	Point	468	461	431	430	427	425	423	420	418	421	420
Math, total [2]	Point	492	488	472	472	470	468	467	466	466	467	468
Male	Point	514	509	495	497	497	494	493	491	492	493	493
Female	Point	467	465	449	446	445	444	443	443	443	443	445
PARTICIPANTS												
Total	1,000	(NA)	(NA)	996	1,000	979	989	992	992	994	989	963
Male	Percent	(NA)	(NA)	49.9	49.5	48.9	48.4	48.3	48.2	48.0	48.1	48.2
White	Percent	(NA)	(NA)	86.0	85.0	83.9	83.0	82.9	82.1	81.9	81.7	81.1
Black	Percent	(NA)	(NA)	7.9	8.2	8.8	9.0	8.9	9.1	9.0	8.9	8.8
Obtaining scores [1] of—												
600 or above:												
Verbal	Percent	(NA)	(NA)	7.9	8.0	8.0	7.9	7.7	7.2	7.0	7.1	6.9
Math	Percent	(NA)	(NA)	15.6	16.3	16.1	15.8	15.0	15.1	14.4	15.3	15.9
Below 400:												
Verbal	Percent	(NA)	(NA)	37.8	39.7	39.1	39.8	40.7	41.8	41.6	40.2	41.1
Math	Percent	(NA)	(NA)	28.5	29.1	29.7	29.8	29.9	30.2	29.5	29.5	30.1
Selected intended area of study:												
Business and commerce	Percent	(NA)	(NA)	11.5	12.6	14.3	16.3	17.8	18.6	18.5	18.7	18.5
Engineering	Percent	(NA)	(NA)	6.7	8.4	8.8	9.4	10.1	11.1	11.8	12.6	12.5
Social science	Percent	(NA)	(NA)	7.7	6.8	8.2	9.0	8.2	7.8	7.4	7.2	7.2
Education	Percent	(NA)	(NA)	9.1	8.7	8.1	7.2	6.5	6.1	5.7	5.0	4.5
SAT average [1] by high school rank:												
Top tenth	Point	(NA)	(NA)	(NA)	552	546	543	541	539	539	540	539
Second tenth	Point	(NA)	(NA)	(NA)	478	476	472	471	470	472	473	473
Second fifth	Point	(NA)	(NA)	(NA)	434	434	433	432	431	433	435	435
Third fifth	Point	(NA)	(NA)	(NA)	386	387	386	386	386	387	389	389

NA Not available. [1] Minimum score, 200; maximum score, 800. [2] 1967 and 1970 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, NY, *National College-Bound Seniors*, annual. (Copyright.)

No. 240. American College Testing (ACT) Program Scores and Characteristics of College-Bound Students: 1970 to 1983

[Data for academic year ending in year shown. Test scores and characteristics of college-bound students based on sample]

TYPE OF TEST AND CHARACTERISTIC	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
TEST SCORES [1]												
Composite	Point	19.9	18.9	18.6	18.3	18.4	18.5	18.6	18.5	18.5	18.4	18.3
Male	Point	20.3	19.7	19.5	19.1	19.2	19.3	19.3	19.3	19.3	19.2	19.1
Female	Point	19.4	18.2	17.8	17.6	17.8	17.8	17.9	17.9	17.8	17.8	17.6
English	Point	18.5	17.9	17.7	17.5	17.7	17.9	17.9	17.9	17.8	17.9	17.8
Male	Point	17.6	17.1	17.1	16.8	17.0	17.4	17.4	17.3	17.3	17.3	17.3
Female	Point	19.4	18.6	18.3	18.0	18.2	18.3	18.4	18.3	18.2	18.4	18.2
Math	Point	20.0	18.3	17.6	17.5	17.4	17.5	17.5	17.4	17.3	17.2	16.9
Male	Point	21.1	19.7	19.3	19.2	18.9	19.1	19.1	18.9	18.9	18.6	18.4
Female	Point	18.8	17.1	16.2	16.0	16.1	16.2	16.2	16.2	16.0	16.0	15.7
Social studies	Point	19.7	18.1	17.4	17.0	17.3	17.1	17.2	17.2	17.2	17.3	17.1
Male	Point	20.3	19.1	18.7	17.9	18.2	18.0	18.1	18.2	18.3	18.1	18.0
Female	Point	19.0	17.3	16.4	16.2	16.5	16.4	16.4	16.4	16.4	16.6	16.4
Natural science	Point	20.8	20.8	21.1	20.8	20.9	20.9	21.1	21.1	21.0	20.8	20.9
Male	Point	21.6	22.2	22.4	22.0	22.3	22.3	22.3	22.4	22.3	22.2	22.4
Female	Point	20.0	19.6	20.0	19.7	19.6	19.8	20.2	20.0	20.0	19.7	19.6
PARTICIPANTS												
Total	1,000	788	740	714	692	744	770	780	822	836	805	835
Male	Percent	52	47	46	46	45	45	45	45	45	45	46
White	Percent	(NA)	73	77	77	76	76	84	83	83	83	82
Black	Percent	4	7	7	7	7	7	6	8	8	8	9
Obtaining composite scores of—												
26 or above	Percent	14	14	14	13	13	13	13	13	13	13	13
15 or below	Percent	21	30	33	35	34	34	33	33	33	34	35
Planned educational major:												
Business [2]	Percent	18	21	21	15	17	18	20	20	19	19	18
Engineering	Percent	8	6	6	7	7	8	8	8	10	11	10
Social science [3]	Percent	10	9	9	7	7	7	6	6	6	6	6
Education	Percent	16	13	12	11	10	9	9	9	7	6	6

NA Not available. [1] Minimum score, 1; maximum score, 36. [2] Includes political and persuasive (e.g. sales) fields through 1975; thereafter, business and commerce. [3] Includes religion through 1975.

Source: The American College Testing Program, Iowa City, IA, *High School Profile Report*, annual.

NO. 241. PUBLIC HIGH SCHOOL GRADUATES—STATES: 1975 TO 1982

[**In thousands.** Excludes 7,000 graduates of subcollegiate departments of higher education, Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children]

STATE	1975	1980	1982	STATE	1975	1980	1982	STATE	1975	1980	1982
U.S.	**2,823.0**	**2,747.7**	**2,711.2**	KS	32.5	30.9	28.3	ND	10.7	9.9	9.5
				KY	42.4	41.2	42.5	OH	158.2	144.2	139.9
AL	46.6	45.2	45.4	LA	47.7	46.3	46.3	OK	37.8	39.3	38.3
AK	4.2	5.2	5.5	ME	14.8	15.4	15.2	OR	30.7	29.9	28.8
AZ	25.7	28.6	28.0	MD	55.4	54.3	54.6	PA	163.1	146.5	143.4
AR	26.8	29.1	29.7	MA	[1] 79.0	73.8	73.4	RI	11.0	10.9	10.5
CA	273.4	249.2	241.3	MI	135.5	124.3	121.0	SC	[2] 38.3	38.7	37.9
CO	35.0	36.8	35.5	MN	66.5	64.9	62.1	SD	11.7	10.7	9.9
CT	42.8	37.7	37.7	MS	27.2	27.6	28.0	TN	49.4	49.8	51.4
DE	8.2	7.6	7.8	MO	62.4	62.3	59.9	TX	159.5	171.4	172.1
DC	5.4	5.0	4.5	MT	12.3	12.1	11.2	UT	19.7	20.0	19.4
FL	86.5	87.3	90.7	NE	22.2	22.4	21.0	VT	6.5	6.7	6.5
GA	59.8	61.6	64.5	NV	7.2	8.5	9.2	VA	65.6	66.6	67.8
HI	11.3	11.5	11.6	NH	11.1	11.7	11.7	WA	51.0	50.4	50.1
ID	12.6	13.2	12.6	NJ	[1] 96.0	94.6	93.8	WV	24.6	23.4	23.6
IL	[1] 141.3	135.6	136.5	NM	18.4	18.4	17.6	WI	71.0	69.3	67.4
IN	74.0	73.1	74.0	NY	[1] 211.3	204.1	194.6	WY	5.6	6.1	6.0
IA	43.0	43.4	41.5	NC	70.1	70.9	71.2				

[1] Estimated. [2] Includes pupils graduating during summer of 1975.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 242. EMPLOYMENT STATUS OF HIGH SCHOOL GRADUATES NOT ENROLLED IN COLLEGE AND SCHOOL DROPOUTS, BY SEX AND RACE: 1975 TO 1983

[**In thousands except percent.** For civilian noninstitutional population 16 to 21 years old. As of **October.** High school graduates: Persons not enrolled in college and includes those who attended college prior to survey date; Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

EMPLOYMENT STATUS, SEX, AND RACE	GRADUATES					DROPOUTS				
	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Civilian population	**7,254**	**7,708**	**7,366**	**7,092**	**7,002**	**3,317**	**3,377**	**3,244**	**3,202**	**2,915**
In labor force	6,008	6,646	6,387	6,038	5,945	2,029	2,248	2,207	2,125	1,894
Percent of population	82.8	86.2	86.7	85.1	84.9	61.2	66.6	68.0	66.4	65.0
Employed	5,111	5,805	5,450	4,956	4,952	1,449	1,636	1,543	1,360	1,317
Percent of labor force	85.1	87.4	85.3	82.1	83.3	71.4	72.8	69.9	64.0	69.5
Male	2,573	2,833	2,701	2,455	2,451	969	1,077	1,060	869	874
Female	2,538	2,973	2,749	2,501	2,501	480	559	483	491	443
White	4,653	5,211	4,912	4,429	4,442	1,216	1,426	1,372	1,179	1,160
Black	[1] 454	513	472	463	449	[1] 232	179	146	142	114
Unemployed	897	841	937	1,082	993	580	613	664	765	577
Percent of labor force	14.9	12.7	14.7	17.9	16.7	28.6	27.3	30.1	36.0	30.5
Male	450	465	440	512	487	336	371	395	481	372
Female	447	376	497	570	506	244	242	269	284	205
White	715	624	670	789	655	419	434	473	551	430
Black	[1] 185	207	254	279	302	[1] 161	151	176	199	139
Not in labor force	1,246	1,062	979	1,050	1,059	1,289	1,128	1,037	1,076	1,021
Percent of population	17.2	13.8	13.3	14.8	15.1	38.9	33.4	32.0	33.6	35.0

[1] Black and other races.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, Nos. 131 and 191, Bulletin 2192, and unpublished data.

NO. 243. HIGH SCHOOL DROPOUTS 14 TO 24 YEARS OLD, BY RACE AND AGE: 1968 TO 1983

[As of **October.** See headnote, table 242]

AGE AND RACE	NUMBER OF DROPOUTS (1,000)							PERCENT OF POPULATION				
	1968	1970	1975	1980	1981	1982	1983	1970	1975	1980	1982	1983
Total dropouts [1]	**4,650**	**4,670**	**4,974**	**5,212**	**5,286**	**5,160**	**5,025**	**12.2**	**11.5**	**12.0**	**11.8**	**11.7**
16–17 years	568	617	715	709	622	556	494	8.0	8.6	8.8	7.3	6.8
18–21 years	2,163	2,138	2,557	2,578	2,621	2,646	2,419	16.4	16.3	15.8	16.3	15.3
22–24 years	1,766	1,770	1,553	1,798	1,899	1,854	1,991	18.7	14.5	15.2	14.6	15.7
White [1]	**3,685**	**3,577**	**3,861**	**4,169**	**4,218**	**4,080**	**3,950**	**10.8**	**10.5**	**11.3**	**11.2**	**11.0**
16–17 years	453	485	594	619	517	478	424	7.3	8.4	9.2	7.6	7.1
18–21 years	1,711	1,618	1,980	2,032	2,087	2,056	1,897	14.3	14.7	14.7	15.2	14.4
22–24 years	1,396	1,356	1,169	1,416	1,503	1,467	1,531	16.3	12.6	14.0	13.7	14.3
Black [1]	**932**	**1,047**	**1,024**	**934**	**944**	**937**	**918**	**22.2**	**18.5**	**16.0**	**15.5**	**15.3**
16–17 years	110	125	116	80	92	66	62	12.8	10.2	6.9	6.0	5.8
18–21 years	437	500	540	486	473	519	436	30.5	27.0	23.0	23.0	19.5
22–24 years	362	397	337	346	348	332	396	37.8	27.8	24.0	20.5	24.3

[1] Includes other age and race groups not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 373 and earlier reports; and unpublished data.

No. 244. High School and College Graduates, by Sex and Control: 1950 to 1982

[**In thousands, except percent.** Prior to **1960,** excludes Alaska and Hawaii. See also table 265; Appendix III; and *Historical Statistics, Colonial Times to 1970,* series H 598-601 and H 752-756]

Year of graduation	High school graduates [1]						College graduates [3]				
	Total		Sex		Control		Bachelor's degrees [4]				Master's and doctor's degrees [5]
	Number	Percent of persons 18 years old [2]	Male	Female	Public	Private, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Female	
1950	1,200	56.0	571	629	(NA)	(NA)	432	40	329	103	65
1955	1,351	64.6	648	703	1,208	143	286	24	183	103	67
1960	1,864	72.4	898	966	1,633	231	392	28	254	138	84
1965	2,665	70.8	1,314	1,351	2,366	298	501	25	289	213	162
1970	2,896	77.1	1,433	1,463	2,596	300	793	30	451	341	273
1975	3,133	73.6	1,542	1,591	2,823	310	923	31	505	418	382
1977	3,154	74.1	1,547	1,607	2,840	315	920	30	496	424	414
1978	3,127	73.6	1,531	1,596	2,825	302	921	30	487	434	410
1979	3,101	71.8	1,516	1,585	2,801	300	921	29	477	444	403
1980	3,043	71.5	1,491	1,552	2,748	295	929	29	474	456	401
1981	3,020	71.3	1,483	1,537	2,725	295	935	30	470	465	401
1982, prel	3,001	71.7	1,474	1,527	2,711	290	953	30	473	480	400

NA Not available. [1] Data for 1950-1970 include about 7,000 graduates of subcollegiate departments of institutions of higher education, Federal schools for Indians and on Federal installations, and residential schools for exceptional children. [2] Based on estimated resident population as of July 1. [3] Data cover public and private institutions. [4] Through 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. [5] Beginning 1965, includes first professional degrees.

Source: U.S. National Center for Education Statistics, *Condition of Education,* annual.

No. 245. College Enrollment of Persons 18-24 Years Old and Percent of High School Graduates Enrolled in College, by Sex and Race: 1960 to 1983

[**In thousands, except percent.** As of **October,** except as noted. Covers civilian noninstitutional population]

Item and year	All persons			Male			Female		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
College enrollment:									
1960 [2]	2,215	2,081	[3] 134	1,334	1,269	[3] 65	880	811	[3] 69
1970	5,805	5,305	416	3,331	3,096	192	2,474	2,209	225
1975	6,935	6,116	665	3,693	3,326	294	3,243	2,790	372
1980	7,226	6,334	688	3,604	3,224	278	3,625	3,110	410
1981	7,575	6,549	750	3,833	3,340	325	3,741	3,208	424
1982	7,678	6,594	767	3,837	3,308	331	3,841	3,285	436
1983	7,477	6,463	741	3,820	3,335	331	3,657	3,129	411
Percent of high school graduates enrolled:									
1960 [2]	23.7	24.2	[3] 18.4	30.3	31.1	[3] 20.8	17.8	17.9	[3] 16.5
1970	32.7	33.2	26.0	41.2	42.3	28.7	25.6	25.6	24.1
1975	32.5	32.4	32.0	36.2	36.4	32.8	29.2	28.6	31.5
1980	31.8	32.0	27.8	33.5	34.0	26.4	30.3	30.2	28.8
1981	32.5	32.5	28.0	34.7	34.7	28.2	30.4	30.5	27.8
1982	33.0	33.1	28.0	34.5	34.4	28.3	31.6	31.8	27.7
1983	32.5	32.9	27.0	35.0	35.4	27.5	30.3	30.6	26.7

[1] Includes other races, not shown separately. [2] As of April. [3] For 1960, Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, *Characteristics of the Population,* part 1; *Curren Population Reports,* series P-20, No. 373 and earlier reports; and unpublished data.

No. 246. College Enrollment, by Sex, Age, and Race: 1972 to 1983

[**In thousands, except percent.** As of **October.** Covers civilian noninstitutional population, 14 years old and over. Degree-credit enrollment only]

Sex, age, and race	1972	1975	1976	1977	1978	1979	1980	1981	1982	1983	Percent		
											1975	1980	1983
Total	**9,095**	**10,880**	**11,139**	**11,546**	**11,140**	**11,380**	**11,387**	**12,127**	**12,309**	**12,320**	**100.0**	**100.0**	**100.0**
Male [1]	5,218	5,911	5,785	5,889	5,581	5,480	5,430	5,825	5,899	6,010	54.3	47.7	48.8
18-24 yr	3,534	3,693	3,673	3,712	3,621	3,508	3,604	3,833	3,837	3,820	33.9	31.7	31.0
25-34 yr	1,178	1,521	1,518	1,546	1,396	1,356	1,325	1,442	1,460	1,576	14.0	11.6	12.8
35 yr. and over	365	569	489	520	457	487	405	453	490	506	5.2	3.6	4.1
Female [1]	3,877	4,969	5,354	5,657	5,559	5,900	5,957	6,303	6,410	6,310	45.7	52.3	51.2
18-24 yr	2,724	3,243	3,508	3,431	3,373	3,482	3,625	3,741	3,841	3,657	29.8	31.8	29.7
25-34 yr	581	947	971	1,255	1,173	1,319	1,378	1,485	1,528	1,510	8.7	12.1	12.3
35 yr. and over	418	614	700	809	845	914	802	940	900	989	5.6	7.0	8.0
White	8,147	9,547	9,679	9,961	9,662	9,956	9,926	10,352	10,550	10,566	87.7	87.2	85.8
Male	4,723	5,263	5,085	5,156	4,913	4,823	4,804	5,011	5,078	5,162	48.4	42.2	41.9
Female	3,427	4,285	4,594	4,806	4,748	5,132	5,123	5,342	5,474	5,404	39.4	45.0	43.9
Black and other races	949	1,333	1,460	1,585	1,479	1,424	1,461	1,775	1,758	1,754	12.3	12.8	14.2
Male	496	648	700	733	668	657	626	814	821	848	6.0	5.5	6.9
Female	450	684	760	851	811	768	834	961	936	906	6.3	7.3	7.4

[1] Includes persons 14 to 17 years old, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 373, earlier reports, and unpublished data.

No. 247. Higher Education—Summary: 1965 to 1982

[Institutions, staff, and enrollment as of **fall**. Finances for fiscal year ending in the following year. Covers universities, colleges, professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 680, H 699-705, and H 710]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982
Institutions staff [1]	**Number**	**2,230**	**2,556**	**3,026**	**3,095**	**3,134**	**3,152**	**3,231**	**3,253**	**3,280**
4-year	Number	1,551	1,665	1,898	1,938	1,941	1,957	1,957	1,979	1,984
2-year	Number	679	891	1,128	1,157	1,193	1,195	1,274	1,274	1,296
Instructional staff	**1,000**	**412**	**573**	**781**	**812**	**809**	**823**	**846**	**865**	**865**
Instructor or above	1,000	340	474	628	650	647	657	678	695	695
Percent full-time	Percent	72.9	77.8	70.1	68.8	68.6	68.6	68.7	68.3	68.3
Total enrollment [2]	**1,000**	**5,921**	**8,581**	**11,185**	**11,286**	**11,260**	**11,570**	**12,097**	**12,372**	**12,426**
Degree credit	1,000	5,526	7,920	9,731	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Male	1,000	3,375	4,637	5,321	5,789	5,641	5,683	5,874	5,975	6,031
Female	1,000	2,152	3,284	4,410	5,497	5,619	5,887	6,223	6,397	6,394
4-year institutions	1,000	4,685	6,290	7,143	7,243	7,232	7,353	7,571	7,655	7,654
2-year institutions	1,000	841	1,630	2,588	4,043	4,028	4,217	4,526	4,716	4,772
Full-time	1,000	3,910	5,489	6,147	6,793	6,668	6,794	7,098	7,181	7,221
Part-time	1,000	1,616	2,431	3,584	4,493	4,592	4,776	4,999	5,190	5,205
Public	1,000	3,624	5,800	7,426	8,847	8,786	9,037	9,457	9,647	9,696
Private	1,000	1,902	2,120	2,306	2,439	2,474	2,533	2,640	2,725	2,730
Graduate	1,000	697	1,031	1,263	1,085	1,081	1,070	1,100	1,101	1,090
Undergraduate [3]	1,000	4,829	6,889	8,468	10,201	10,179	10,500	10,997	11,270	11,336
Male	1,000	2,910	4,005	4,621	5,193	5,057	5,116	5,303	5,404	5,461
Female	1,000	1,919	2,884	3,847	5,008	5,122	5,384	5,694	5,867	5,875
1st time freshmen	1,000	1,442	1,780	1,910	2,394	2,390	2,503	2,588	2,595	2,505
4-year institutions	1,000	3,988	5,259	5,884	6,158	6,152	6,285	6,472	6,555	6,565
Full-time	1,000	3,159	4,234	4,577	4,703	4,678	4,768	4,897	4,939	4,934
Part-time	1,000	829	1,025	1,308	1,456	1,474	1,517	1,574	1,615	1,630
2-year institutions	1,000	841	1,630	2,584	4,043	4,028	4,215	4,526	4,716	4,771
Public	1,000	3,184	5,076	6,520	8,128	8,083	8,337	8,747	8,946	9,009
Private	1,000	1,645	1,813	1,948	2,073	2,096	2,163	2,251	2,325	2,327
Nondegree credit	1,000	395	661	1,453	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Current funds revenues [4]	**Mil. dol**	**12,734**	**23,879**	**39,703**	**47,034**	**51,838**	**58,520**	**65,585**	**72,191**	
Educational and general [4]	Mil. dol	10,285	18,392	(X)	(X)	(X)	(X)	(X)	(X)	
Tuition and fees	Mil. dol	2,670	5,021	8,172	9,855	10,704	11,930	13,773	15,774	
Federal Government	Mil. dol	2,654	2,739	5,414	6,113	6,844	7,772	8,479	8,320	
State government	Mil. dol	2,984	6,589	12,261	14,746	16,364	18,378	20,106	21,849	
Auxiliary enterprises	Mil. dol	2,139	3,125	4,548	5,328	5,741	6,481	7,287	8,122	
Plant funds [5]	Mil. dol	3,484	(NA)	3,910	3,293	3,676	4,382	4,774	5,185	(NA)
Increase in fund balance [6]	Mil. dol	663	498	959	1,032	1,373	2,154	2,793	2,224	
Current funds expenditures [4]	**Mil. dol**	**12,509**	**23,375**	**38,903**	**45,970**	**50,721**	**56,914**	**64,053**	**70,339**	
Educational and general [7]	Mil. dol	9,951	17,616	30,598	36,257	39,833	44,543	50,074	54,849	
Auxiliary enterprises and activities	Mil. dol	1,888	2,988	4,477	5,261	5,750	6,486	7,288	7,998	
Gross addition to plant value	Mil. dol	3,125	4,165	4,702	4,527	4,576	5,551	6,471	6,975	
Value of plant	Mil. dol	26,851	46,054	66,348	74,771	78,638	83,733	88,761	94,517	
Endowment (book value)	Mil. dol	8,766	11,341	13,952	15,568	16,804	18,561	20,941	23,085	

NA Not available. X Not applicable. [1] Beginning 1975, number of institutions includes count of branch campuses. [2] Beginning 1975, branch campuses counted according to actual status, e.g., 2-year branch in 2-year category; previously a 2-year branch included in university category. [3] Includes first-professional enrollment and unclassified students. [4] Includes items not shown separately. [5] Beginning 1975, annual net increase in plant funds. [6] Includes endowment, and, beginning 1975, annuity and student loans. See table 256. [7] Beginning 1975, not strictly comparable with earlier years.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual, and unpublished data.

No. 248. Enrollment in Institutions of Higher Education by Sex, Age, and Attendance Status, 1970 to 1982, and Projections, 1987 and 1992

[As of **fall**]

SEX AND AGE	NUMBER (1,000)					PERCENT PART-TIME				
	1970	1975	1982	1987	1992	1970	1975	1982	1987	1992
Total	**8,581**	**11,185**	**12,426**	**12,136**	**11,810**	**32.2**	**38.8**	**41.9**	**45.9**	**47.9**
Male	5,044	6,149	6,031	5,918	5,715	30.5	36.1	37.8	41.6	43.4
14 to 17 years	129	126	107	92	80	3.9	13.5	15.0	13.0	13.7
18 and 19 years	1,349	1,397	1,295	1,138	1,026	6.2	9.2	10.2	10.8	10.5
20 and 21 years	1,095	1,245	1,287	1,061	1,029	9.6	15.4	16.1	15.4	15.3
22 to 24 years	964	1,048	1,138	1,086	972	32.6	34.5	37.2	34.8	34.8
25 to 29 years	783	1,123	1,055	1,152	1,057	58.2	57.8	57.7	59.6	59.7
30 to 34 years	308	557	559	663	711	76.6	67.0	68.9	72.5	72.6
35 years and over	415	654	590	724	838	81.9	76.8	85.8	85.2	85.3
Female	3,537	5,036	6,394	6,218	6,095	34.6	42.1	45.8	50.0	52.2
14 to 17 years	129	152	126	122	105	9.3	12.5	5.6	9.0	8.6
18 and 19 years	1,250	1,388	1,432	1,234	1,108	8.8	10.6	14.5	12.4	12.5
20 and 21 years	785	998	1,253	1,016	980	16.3	19.8	19.8	19.0	19.1
22 to 24 years	493	706	943	852	762	53.1	54.4	45.8	46.7	46.7
25 to 29 years	292	651	939	965	876	72.6	66.5	65.8	68.4	68.4
30 to 34 years	179	410	703	769	815	84.4	76.8	82.2	80.9	80.9
35 years and over	409	730	998	1,260	1,449	85.6	85.6	83.7	85.1	85.1

Source: U.S. National Center for Education Statistics, *The Condition of Education,* annual.

No. 249. College Enrollment, by Major Field of Study Sex, and Race: 1966 and 1982

[In thousands, except percent. As of October. Covers civilian noninstitutional population 14 to 34 years old. Degree-credit enrollment only. Based on Current Population Survey; see text, p. 2]

Major field of study	1966				1982				Percent distribution	
	Total	Male	Female	Black	Total	Male	Female	Black	1966	1982
Total enrollment [1]	**5,999**	**3,710**	**2,289**	**282**	**10,919**	**5,409**	**5,510**	**1,127**	**100.0**	**100.0**
Agriculture, forestry [2]	73	71	2	12	259	112	147	9	1.2	2.4
Biological sciences	602	334	268	27	318	169	149	28	10.0	2.9
Health, medical profession					1,305	332	973	183		12.0
Business, commerce	888	684	204	41	2,586	1,307	1,278	292	14.8	23.7
Education	1,118	359	760	65	732	189	543	65	18.6	6.7
Engineering [3]	534	524	10	12	1,229	972	257	86	8.9	11.3
English, journalism	620	304	316	15	304	137	167	35	10.3	2.8
Liberal arts or humanities					852	398	454	65		7.8
Law	(NA)	(NA)	(NA)	(NA)	252	143	109	19	(NA)	2.3
Mathematics, statistics	236	150	86	8	187	98	90	17	3.9	1.7
Physical sciences	226	200	25	12	258	177	81	10	3.8	2.4
Social sciences	642	401	241	48	763	352	411	69	10.7	7.0
Vocational, technical	(NA)	(NA)	(NA)	(NA)	414	291	122	48	(NA)	3.8

NA Not available. [1] Includes other fields of study, not shown separately. [2] Includes home economics in 1982.
[3] Includes computer sciences in 1982.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 183, and unpublished data.

No. 250. Higher Education Enrollments in Foreign Languages: 1960 to 1983

[As of fall]

Item	1960	1965	1968	1970	1972	1974	1977	1980	1983
Registrations [1] **(1,000)**	[2] **647.1**	**1,034.9**	**1,127.4**	**1,111.5**	**1,008.9**	**946.6**	**933.5**	**924.8**	**966.0**
Index (1960=100)	100.0	159.9	174.2	171.8	155.9	146.3	144.3	142.9	149.3
By selected language: (1,000)									
Spanish	178.7	310.3	364.9	389.2	364.5	362.2	376.7	379.4	386.2
French	228.8	371.6	388.1	359.3	293.1	253.1	246.1	248.4	270.1
German	146.1	213.9	216.3	202.6	177.1	152.1	135.4	126.9	128.2
Italian	11.1	22.9	30.4	34.2	33.3	33.0	33.3	34.8	38.7
Russian	30.6	33.7	40.7	36.1	36.4	32.5	27.8	24.0	30.4
Latin	[2] 25.7	39.6	35.0	27.6	24.4	25.2	24.4	25.0	24.2
Ancient Greek	[2] 12.7	19.5	19.3	16.7	20.6	24.4	25.8	22.1	19.1
Hebrew	3.8	8.1	10.2	16.6	21.1	22.4	19.4	19.4	18.2
Japanese	1.7	3.4	4.3	6.6	8.3	9.6	10.7	11.5	16.1
Chinese	1.8	3.6	5.1	6.2	10.0	10.6	9.8	11.4	13.2

[1] Includes other foreign languages, not shown separately. [2] Estimated.

Source: Association of Departments of Foreign Languages, New York, NY, *ADFL Bulletin*, vol. 16, No. 1, and earlier issues. (Copyright.)

No. 251. Foreign (Nonimmigrant) Student Enrollment in Institutions of Higher Education, by Region of Origin, 1976 to 1983, and by Field of Study, 1976 and 1982

Region of origin	Enrollment (1,000)								Percent enrolled in—					
									Engineering		Science [1]		Business	
	1976	1977	1978	1979	1980	1981	1982	1983	1976	1982	1976	1982	1976	1982
All regions	**179**	**203**	**237**	**264**	**286**	**312**	**326**	**337**	**23**	**23**	**13**	**7**	**16**	**18**
Africa	25	26	30	34	36	38	42	43	17	17	16	7	20	25
Asia [2]	97	109	131	147	165	179	181	187	30	30	13	8	16	17
China: Taiwan	11	12	14	16	18	19	21	21	26	25	27	12	8	16
Hong Kong	12	11	12	11	10	10	9	9	19	19	15	8	21	29
India	10	9	9	9	9	9	11	13	35	33	17	13	15	19
Iran	20	23	36	45	51	48	36	27	40	45	8	9	10	10
Europe	14	17	19	22	23	25	29	32	13	13	13	8	15	17
Latin America [3]	30	37	39	41	42	50	55	57	20	19	12	6	16	19
North America	10	10	13	16	16	15	15	15	7	8	8	6	10	15
Canada	10	11	13	15	15	14	15	14	6	8	7	6	8	14
Oceania	3	3	4	4	4	4	4	4	5	4	11	6	13	17

[1] Physical and life sciences. [2] Includes countries not shown separately.
[3] Includes Mexico, Central America, Caribbean, and South America.

Source: Institute of International Education, New York, NY, *Open Doors*, annual. (Copyright.)

No. 252. Enrollment in Institutions of Higher Education, by Specified Minority Groups, 1968 to 1982, and by Geographic Division, 1982

[Enrollment in thousands, except percent. As of **fall.** Prior to 1976, excludes Alaska and Hawaii. Excludes institutions in the outlying areas. For composition of divisions, see fig. I, inside front cover]

Year and geographic division	Number of institutions	Total enrollment	Black enrollment		Enrollment of other minority groups				
			Number	Percent	Total	Percent	American Indian	Asian American	Spanish-surnamed American
1968, full-time [1]	2,054	4,820	287	6.0	169	3.5	29	48	91
1970, full-time [1]	2,516	4,966	345	6.9	181	3.7	27	52	103
1972, full-time [1]	2,665	5,531	459	8.3	219	4.0	32	57	130
1974, full-time [1]	2,808	5,639	508	9.0	255	4.5	33	64	158
1976, full-time [1]	2,821	5,755	605	10.5	331	5.8	38	101	191
1978, full-time [1]	2,897	5,664	601	10.6	346	6.1	36	114	196
1980, full-time [1]	2,979	5,993	625	10.4	396	6.6	39	136	221
1982, total [2]	**2,953**	**9,161**	**883**	**9.6**	**725**	**7.8**	**67**	**251**	**406**
New England	237	531	19	3.6	17	3.2	1	7	9
Middle Atlantic	477	1,328	141	10.6	98	7.4	5	29	64
East North Central	470	1,742	153	8.8	57	3.2	8	22	27
West North Central	307	716	28	3.9	18	2.5	6	6	6
South Atlantic	508	1,346	224	16.7	64	16.6	4	16	43
East South Central	212	496	92	18.6	5	.9	1	2	2
West South Central	255	910	104	11.5	96	10.5	7	12	77
Mountain	145	531	12	2.3	58	10.9	12	8	37
Pacific	342	1,562	111	7.0	311	19.9	22	148	141

[1] Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of normal load. [2] Covers full-time and part-time enrollment. Not comparable with previous years.

Source: U.S. Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education,* biennial.

No. 253. Junior (Two-Year) Colleges—Summary: 1960 to 1982

[Institutions and their enrollment as of **fall;** financial data for fiscal year ending the following year. Prior to 1975, excludes two-year branches of universities and other four-year institutions. Beginning 1980, includes schools accredited by the National Association of Trade and Technical Schools. 1960 covers degree-credit students only. See *Historical Statistics, Colonial Times to 1970,* series H 690–692 and H 705, for related but not comparable data. See also Appendix III]

Item	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Institutions	**Number**	**521**	**679**	**892**	**1,128**	**1,157**	**1,193**	**1,195**	**1,274**	**1,274**	**1,296**
Public	Number	315	420	654	897	921	924	926	945	940	933
Private	Number	206	259	237	231	236	269	269	329	334	363
Enrollment	**1,000**	**451**	**1,173**	**2,223**	**3,970**	**4,043**	**4,028**	**4,217**	**4,526**	**4,716**	**4,772**
Public	1,000	392	1,041	2,102	3,836	3,902	3,874	4,057	4,329	4,481	4,520
Private	1,000	59	132	121	134	141	154	160	198	236	252
Male	1,000	282	734	1,317	2,165	1,965	1,885	1,922	2,047	2,124	2,170
Female	1,000	169	439	906	1,805	2,078	2,143	2,295	2,479	2,592	2,602
Current funds revenue [1]	**Mil. dol**		**874**	**2,504**	**5,304**	**6,281**	**6,742**	**7,507**	**8,505**	**9,294**	
Tuition and fees	Mil. dol		186	413	896	1,088	1,161	1,302	1,618	1,864	
State government	Mil. dol		242	916	2,248	2,728	3,140	3,635	3,961	4,269	
Local government	Mil. dol	(NA)	237	700	1,187	1,406	1,210	1,168	1,623	1,482	(NA)
Current funds expenditures	**Mil. dol**		**819**	**2,327**	**5,092**	**6,072**	**6,558**	**7,253**	**8,212**	**9,006**	
Education and general [2]	Mil. dol		672	2,073	4,736	5,661	6,107	6,722	7,608	8,358	
Instruction	Mil. dol		391	1,205	2,401	2,818	3,007	3,315	3,764	4,156	

NA Not available. [1] Includes items not shown separately. [2] Includes mandatory transfers.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and *Financial Statistics of Institutions of Higher Education,* annual.

No. 254. College Enrollment of High School Graduates Who Are Dependent Family Members, 18 to 24 Years Old, by Family Income: 1983

[In thousands, except as indicated. As of **October.** Covers civilian noninstitutional population. Degree creditable enrollment. A dependent family member is a relative of the person maintaining the family other than the spouse. Such persons are generally sons and daughters within the family. Based on Current Population Survey; see text, p. 2]

Income class	All races [1]			White			Black		
	Total	In college		Total	In college		Total	In college	
		Number	Percent		Number	Percent		Number	Percent
All income levels	**13,784**	**6,009**	**43.6**	**11,372**	**5,191**	**45.6**	**2,057**	**623**	**30.3**
Under $10,000	1,897	487	25.7	1,033	288	27.9	807	185	22.9
$10,000 to $14,999	1,351	437	32.3	924	281	30.4	379	119	31.4
$15,000 to $19,999	1,338	480	35.9	1,076	395	36.7	233	69	29.6
$20,000 to $24,999	1,374	511	37.2	1,169	448	38.3	176	46	26.1
$25,000 to $34,999	2,627	1,121	42.7	2,355	994	42.2	209	98	46.9
$35,000 and over	4,497	2,618	58.2	4,210	2,463	58.5	180	83	46.1
Not reported	694	352	50.7	604	322	53.3	72	21	(B)
Median family income (dol.)	24,227	33,149	(X)	30,019	35,000+	(X)	12,447	14,874	(X)

(B) Base too small to meet standard of reliability. X Not applicable. [1] Includes other races, not shown separately.

Source: U.S. Bureau of the Census, unpublished data.

No. 255. Institutions of Higher Education—Number, 1982, and Enrollment, 1970 and 1982, Selected Characteristics, States and Other Areas

[Number of institutions for academic year beginning **1982**. Opening **fall** enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, state or other area	1970		1982								
				Enrollment (1,000)							
	Total enrollment (1,000)	First-time freshmen (1,000)	Number of institutions [1]	Total	Male	Female	Public	Private	Full-time	Part-time	First-time freshmen
U.S	**8,580.9**	**2,063.4**	**3,280**	**12,426**	**6,031**	**6,394**	**9,696**	**2,730**	**7,221**	**5,205**	**2,505**
Region:											
Northeast	1,993.7	461.0	813	2,632	1,246	1,386	1,520	1,113	1,642	990	524
Midwest	2,301.0	554.5	866	3,167	1,559	1,609	2,508	662	1,893	1,275	685
South	2,207.3	546.5	1,044	3,588	1,720	1,866	2,962	625	2,194	1,390	730
West	2,061.8	496.8	546	2,979	1,449	1,528	2,649	329	1,429	1,549	564
N.E	**560.1**	**141.5**	**255**	**769**	**361**	**407**	**391**	**378**	**476**	**291**	**171**
ME	34.1	10.0	29	48	21	26	33	15	30	18	11
NH	29.4	7.6	27	52	25	27	26	26	35	17	12
VT	22.2	6.0	22	31	14	17	18	12	22	8	6
MA	303.8	76.1	117	408	194	214	178	230	260	147	89
RI	45.9	10.7	13	68	32	36	35	34	43	25	18
CT	124.7	31.1	47	162	75	87	101	61	86	76	35
M.A	**1,433.6**	**319.5**	**558**	**1,863**	**885**	**979**	**1,129**	**735**	**1,166**	**699**	**353**
NY	806.5	172.1	296	1,012	475	537	573	439	642	371	176
NJ	216.1	56.9	60	322	147	175	256	66	166	156	59
PA	411.0	90.5	202	529	263	267	300	230	358	172	118
E.N.C	**1,615.9**	**388.7**	**528**	**2,254**	**1,108**	**1,147**	**1,795**	**459**	**1,286**	**968**	**489**
OH	376.3	88.4	139	532	277	256	389	143	316	216	116
IN	192.7	43.3	74	254	129	125	195	59	170	84	61
IL	452.1	114.8	160	684	321	363	529	155	338	346	129
MI	392.7	90.8	92	508	245	263	440	68	280	228	115
WI	202.1	51.4	63	276	136	140	242	34	182	94	68
W.N.C	**685.1**	**165.8**	**338**	**913**	**451**	**462**	**713**	**203**	**607**	**307**	**196**
MN	160.8	36.7	67	214	103	111	169	46	146	68	42
IA	108.9	29.3	60	148	76	72	105	43	113	35	38
MO	183.9	41.3	92	244	122	122	174	70	152	93	48
ND	31.5	9.4	18	36	19	17	34	3	29	7	9
SD	30.6	7.7	20	35	17	18	26	9	26	9	8
NE	66.9	15.3	28	94	47	47	78	17	58	36	22
KS	102.5	26.1	53	142	67	75	127	15	83	59	29
S.A	**1,070.6**	**277.6**	**536**	**1,787**	**841**	**946**	**1,419**	**367**	**1,062**	**724**	**339**
DE	25.3	8.8	8	32	14	18	28	4	21	12	7
MD	149.6	33.6	57	235	104	130	202	32	113	122	46
DC	77.2	10.4	18	83	41	42	15	68	48	34	11
VA	151.9	43.4	69	281	128	153	245	36	167	114	41
WV	63.2	15.9	29	83	39	44	72	11	52	31	15
NC	171.9	57.2	128	301	142	159	242	59	201	100	68
SC	69.5	23.8	62	137	67	70	109	28	98	38	31
GA	126.5	27.6	80	198	97	102	152	46	136	62	40
FL	235.5	56.9	85	437	209	228	354	83	226	211	80
E.S.C	**411.6**	**98.8**	**239**	**620**	**294**	**325**	**512**	**108**	**434**	**185**	**140**
KY	98.6	21.3	57	144	67	77	115	29	98	46	28
TN	135.1	29.1	80	202	97	104	155	47	137	65	41
AL	103.9	25.5	60	168	81	87	147	21	119	49	36
MS	74.0	22.9	42	106	49	57	95	11	80	25	35
W.S.C	**725.1**	**170.1**	**269**	**1,181**	**585**	**595**	**1,031**	**150**	**698**	**481**	**251**
AR	52.0	13.5	35	77	37	40	66	11	56	21	18
LA	120.7	27.2	32	177	85	91	153	24	120	56	34
OK	110.2	27.4	45	168	83	85	145	23	97	71	35
TX	442.2	102.0	157	759	380	379	667	92	425	333	164
Mt	**452.8**	**107.9**	**151**	**690**	**348**	**342**	**611**	**79**	**393**	**297**	**163**
MT	30.1	7.3	16	37	19	18	33	4	27	10	7
ID	34.6	11.6	9	43	22	21	35	8	30	13	10
WY	15.2	4.8	8	23	11	11	23	–	14	9	6
CO	123.4	28.9	47	172	85	87	152	20	108	64	27
NM	44.5	9.4	20	63	31	33	60	3	38	25	10
AZ	109.6	25.9	29	211	104	107	201	10	96	115	78
UT	81.7	16.6	14	99	56	43	65	34	66	33	17
NV	13.7	3.4	8	42	20	22	42	(z)	14	28	8
Pac	**1,609.0**	**388.9**	**395**	**2,289**	**1,101**	**1,186**	**2,038**	**250**	**1,036**	**1,252**	**401**
WA	183.5	53.3	50	228	110	118	198	30	148	79	27
OR	122.2	37.7	45	141	71	70	124	17	89	53	35
CA	1,257.2	284.8	273	1,843	885	958	1,646	197	762	1,081	329
AK	9.5	2.2	15	25	10	14	23	1	7	17	1
HI	36.6	10.9	12	52	25	26	47	5	30	22	9
U.S. military [2]	**17.1**	**4.3**	**11**	**60**	**54**	**6**	**60**	**–**	**60**	**(z)**	**4**
Other [3]	**67.3**	**16.2**	**45**	**163**	**67**	**96**	**66**	**97**	**133**	**30**	**45**
PR	63.1	15.5	39	153	63	91	57	97	127	26	42
GU	2.7	.6	2	5	2	3	5	–	3	2	2
VI	1.4	.2	1	3	1	2	3	–	1	2	(z)

– Represents zero. Z Less than 500. [1] Branch campuses counted separately. [2] Military academies.
[3] Includes American Samoa and Trust Territory, not shown separately.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual; and *Education Directory: Colleges and Universities*, annual.

NO. 256. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1970 TO 1982

[In millions of dollars. For fiscal years ending in year shown. For coverage, see headnote, table 247. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 729–738 and H 747–749]

ITEM	1970	1975	1978	1979	1980	1981	1982		
							Total	Public	Private
Current funds revenues	**21,515**	**35,687**	**47,034**	**51,838**	**58,520**	**65,585**	**72,191**	**47,271**	**24,920**
Educational and general	16,486	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Tuition and fees	4,420	7,233	9,855	10,704	11,930	13,773	15,774	6,395	9,379
Federal Government	2,682	4,991	6,113	6,844	7,772	8,479	8,320	5,296	3,023
State government	5,786	10,857	14,746	16,364	18,378	20,106	21,849	21,397	452
Local government	775	1,424	1,744	1,573	1,588	1,791	1,938	1,757	181
Endowment earnings	447	718	832	985	1,177	1,364	1,597	244	1,353
Private gifts, grants, and contracts [1]	1,001	1,745	2,320	2,489	2,808	3,177	3,564	1,277	2,287
Related activities [2]	1,373	555	883	1,037	1,239	1,410	1,583	1,072	511
Auxiliary enterprises	2,900	4,080	5,328	5,741	6,481	7,287	8,122	5,123	2,999
Other funds revenues	2,129	4,083	5,212	6,100	7,146	8,198	9,446	4,710	4,736
Plant funds [3]	(NA)	3,311	3,293	3,676	4,382	4,774	5,185	3,480	1,704
Increase in fund balance	368	486	1,032	1,373	2,153	2,793	2,224	462	1,761
Endowment	*368*	*229*	*756*	*1,100*	*1,874*	*2,493*	*2,090*	*415*	*1,615*
Annuity and life income	(NA)	26	45	69	64	56	49	7	41
Loans	(NA)	231	229	203	215	244	145	40	105
Current funds expenditures [4]	**21,403**	**35,058**	**45,971**	**50,721**	**56,914**	**64,053**	**70,339**	**46,219**	**24,120**
Educational and general		27,548	36,257	39,833	44,543	50,074	54,849	37,171	17,678
Instruction		11,798	15,336	16,663	18,497	20,733	22,963	16,348	6,614
Institutional support		3,057	4,142	4,557	5,054	5,773	6,471	3,957	2,514
Research		3,132	3,920	4,448	5,099	5,658	5,930	4,005	1,925
Plant operation [5]		2,787	3,795	4,179	4,700	5,350	5,979	4,104	1,875
Academic support		2,256	3,130	3,471	3,876	4,273	4,656	3,298	1,358
Libraries		1,002	1,349	1,427	1,624	1,759	1,922	1,288	635
Student services	(NA)	1,439	2,035	2,275	2,567	2,909	3,177	2,086	1,091
Scholarships and fellowships		1,450	1,839	1,945	2,200	2,505	2,685	1,089	1,596
Unrestricted funds		632	818	883	905	1,081	1,236	375	861
Restricted funds		818	1,021	1,061	1,296	1,424	1,449	714	735
Public service		1,098	1,425	1,593	1,817	2,058	2,204	1,812	392
Mandatory transfers		532	634	703	732	815	784	471	313
Auxiliary enterprises [4]		4,074	5,261	5,750	6,486	7,288	7,998	5,070	2,928
Hospitals [4]		2,351	3,598	4,131	4,757	5,433	6,234	3,902	2,332
Independent operations [4]		1,087	855	1,007	1,128	1,258	1,259	76	1,182
Gross addition to plant value [6]	**4,233**	**4,761**	**4,527**	**4,576**	**5,551**	**6,471**	**6,975**	**4,594**	**2,382**
Value of plant (grounds, buildings, equipment)	**42,094**	**62,183**	**74,771**	**78,638**	**83,733**	**88,761**	**94,517**	**64,136**	**30,381**
Endowment (book value) [7]	**10,854**	**13,403**	**15,568**	**16,804**	**18,561**	**20,941**	**23,085**	**4,566**	**18,520**

NA Not available. X Not applicable. [1] Private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts. [2] 1970 represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only. [3] Annual net increase in plant funds. [4] Includes mandatory transfers which are primarily current expenditures for plant. [5] Includes maintenance. [6] Includes expenditures from current funds for plant expansion. [7] Includes funds functioning as endowment funds.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

NO. 257. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1983

[1967=100. For years ending June 30. Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change [1]	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment	Books, periodicals	Utilities
1965	91	4.3	89	89	94	78	96	95	96	95	91	100
1970	121	5.9	124	121	118	146	111	113	106	111	121	104
1972	*136*	*5.6*	*138*	*133*	*136*	*180*	*126*	*126*	*113*	*119*	*164*	*122*
1973	143	5.3	146	138	144	198	132	132	116	123	177	129
1974	153	7.1	155	145	153	222	145	138	132	131	195	158
1975	166	8.6	166	154	166	241	169	150	164	154	220	203
1976	177	6.6	176	162	179	267	180	157	172	163	252	219
1977	189	6.5	187	169	192	295	195	167	181	172	268	258
1978	201	6.7	199	173	207	324	209	176	188	183	286	293
1979	217	7.7	215	189	223	367	226	187	203	198	316	321
1980	238	9.9	232	202	243	409	261	202	239	216	364	409
1981	264	10.7	255	220	266	460	299	225	270	237	400	508
1982	290	10.0	279	239	287	528	332	251	284	255	443	589
1983	309	6.3	298	255	303	569	350	265	283	265	472	638

[1] Change from immediate prior year shown.

Source: U.S. National Institute of Education, *Inflation Measures for Schools and Colleges*, 1983; beginning 1983, Research Associates of Washington, *Higher Education Prices and Price Indexes*, annual.

NO. 258. INSTITUTIONS OF HIGHER EDUCATION—CHARGES: 1965 TO 1984

[**In dollars, except as indicated.** Estimated. Data are for the entire academic year ending in year shown. Figures for 1965 and 1970 are average charges for full-time resident degree-credit students; figures for later years are average charges per full-time equivalent students. Room and board are based on full-time students]

ACADEMIC YEAR AND CONTROL	TUITION AND REQUIRED FEES				BOARD RATES				DORMITORY CHARGES			
	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools
Public:												
1965	243	99	298	224	436	361	462	402	271	178	291	241
1970	323	178	427	306	511	465	540	483	370	308	395	347
1975	432	277	599	448	625	638	634	613	506	424	527	497
1979	543	327	777	622	796	837	823	764	655	527	689	641
1980	583	355	840	662	867	894	898	833	715	572	749	703
1981	633	385	915	721	940	1,000	969	904	798	635	827	795
1982	721	432	1,042	813	1,038	1,088	1,067	1,003	909	697	970	885
1983	798	473	1,164	936	1,136	1,162	1,167	1,103	1,010	755	1,072	993
1984, prel	870	510	1,270	1,020	1,210	1,240	1,250	1,180	1,080	810	1,150	1,060
Average annual percent change:												
1965–1970	5.9	12.5	7.5	6.4	3.2	5.2	3.2	3.7	6.4	11.6	6.3	7.6
1970–1975	6.0	9.3	7.0	7.9	4.1	6.5	3.3	4.9	6.5	6.6	5.9	7.5
1975–1980	6.2	5.1	7.0	8.1	6.8	7.0	7.2	6.3	7.2	6.2	7.3	7.2
1980–1984	10.5	9.5	10.9	11.4	8.7	8.5	8.6	9.1	10.9	9.1	11.3	10.8
Private:												
1965	1,088	702	1,297	1,023	488	464	515	479	331	289	390	308
1970	1,533	1,034	1,809	1,469	562	547	608	543	436	413	500	409
1975	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1979	2,867	1,831	3,487	2,771	889	858	1,000	851	758	700	961	704
1980	3,130	2,062	3,811	3,020	955	924	1,078	911	827	769	999	768
1981	3,498	2,413	4,275	3,390	1,053	997	1,208	999	917	880	1,083	860
1982	3,972	2,697	4,887	3,855	1,175	1,118	1,326	1,124	1,037	1,025	1,226	970
1983	4,439	3,008	5,583	4,329	1,300	1,179	1,501	1,234	1,181	1,177	1,453	1,083
1984, prel	4,880	3,300	6,140	4,750	1,390	1,260	1,610	1,320	1,270	1,260	1,560	1,160

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 259. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM, NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1985

[For years ending **June 30,** except College Work-Study for calendar year **1970** and, beginning **1978,** Guaranteed Student Loan as of **September 30.** For information on various programs, see source. Funds utilized exclude operating costs, etc. and represent funds given to students]

PROGRAM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984, prel.	1985, proj.
Pell Grants:											
Number of recipients	1,000	(X)	573	1,864	1,893	2,538	2,650	2,606	2,550	2,751	2,801
Funds utilized	Mil. dol	(X)	357	1,588	1,561	2,505	2,400	2,419	2,425	2,696	3,019
Average grant	Dollars	(X)	621	852	825	987	906	928	951	980	1,078
Supplemental Educational Opportunity Grants:[1]											
Number of recipients	1,000	258.2	395.0	499.0	510.0	606.0	657.7	654.3	635.7	647.7	686.2
Funds utilized	Mil. dol	113	200	243	266	336	367	352	343	353	374
Average grant	Dollars	440	506	489	522	555	558	538	540	545	545
National Direct Student Loans:											
Number of recipients	1,000	456.0	680.0	795.1	808.6	958.2	803.9	810.0	674.0	672.3	661.0
Loan funds utilized[2]	Mil. dol	246	440	615	640	650	685	695	[3] 595	[3] 595	[3] 585
Average loan	Dollars	540	647	773	792	679	852	858	882	885	885
Loans in default	Mil. dol	(NA)	(NA)	702.5	731.7	824.4	887.9	1,024.7	(NA)	(NA)	(NA)
Default rate[4]	Percent	(NA)	(NA)	17.4	16.0	16.1	15.7	[5] 15.9	(NA)	(NA)	(NA)
College Work-Study:											
Number of recipients	1,000	385.0	570.0	845.3	852.5	925.6	739.1	705.9	721.0	800.0	758.9
Funds utilized[2]	Mil. dol	173	295	469	488	601	591	564	630	700	664
Average annual earnings	Dollars	450	518	555	573	650	800	800	874	875	875
Guaranteed Student Loans:											
Number of loans	1,000	863	990	1,085	1,510	2,314	3,540	2,788	3,039	3,154	3,270
Loan funds utilized	Mil. dol	811	1,298	1,959	2,984	4,840	7,824	6,239	6,928	7,192	7,544
Average loan	Dollars	940	1,310	1,805	1,976	2,091	2,210	2,238	2,279	2,280	2,308
Loans in default	Mil. dol	(NA)	(NA)	1,004	1,226	1,439	1,694	1,984	2,499	3,202	3,997
Default rate[4]	Percent	(NA)	(NA)	11.0	11.5	12.5	12.3	11.3	11.0	11.3	11.5

NA Not available. X Not applicable. [1] For 1970, data represents Educational Opportunity Grants Program. [2] Includes institutional matching funds. [3] Represents total money available for disbursements. [4] Loans in default as a percent of cumulative matured loans. [5] Preliminary and partially edited.

Source: U.S. Dept. of Education, Office of Student Financial Assistance, *Program Book*, 1983, and unpublished data.

No. 260. Percent of Aspiring Postsecondary Students Who Applied for Financial Aid, by Characteristic: 1980

[Based on sample and subject to sampling error. For details, see source]

Characteristic	Percent [1]	Characteristic	Percent [1]
Total	51	Parental savings—Con.	
Family income: $0–$12,000	63	$3,001 to $6,000	47
$12,001–$18,000	56	More than $6,000	36
$18,001–$30,000	53	Number of major Federal financial aid programs known to parents: None	19
$30,001–$48,000	50	One	43
Over $48,000	35	Two	51
Family net worth: [2] —$5,000 or more [3]	52	Three	59
—$4,999 [3] to $99	62	Four	69
$100 to $9,999	56	High school grades: A	71
$10,000 to $49,000	44	A–B	57
More than $50,000	32	B	49
Expected living expenses: None	30	B–C	41
Less than $1,000	56	C or lower	33
$1,000 to $1,999	66	Educational aspiration: Vocational training	33
$2,000 to $2,999	68	Some college	43
$3,000 to $3,999	57	B.A. degree	58
$4,000 or more	50	M.A. or professional degree	63
Parental savings for education: None	51	Race/ethnicity: White [4]	48
Less than $1,000	62	Black [4]	69
$1,000 to $3,000	53	Hispanic	52
		Other	48

[1] Percent of students applying for aid in each specified group. [2] Difference between total assets (including home equity) and total liabilities. [3] Minus sign (–) indicates in debt. [4] Non-Hispanic.

Source: U.S. National Center for Educational Statistics, Bulletin, "Who Applied for Student Financial Aid?" January 1983.

No. 261. Voluntary Financial Support of Higher Education: 1965 to 1983

[For school years ending in years shown; enrollment as of **fall** of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

Item	Unit	1965	1970	1975	1978	1979	1980	1981	1982	1983
Estimated support, total [1]	Mil. dol.	1,400	1,780	2,160	3,040	3,230	3,800	4,230	4,860	5,160
Foundations	Mil. dol.	402	484	497	623	701	903	922	1,003	1,018
Individuals	Mil. dol.	628	822	1,002	1,480	1,521	1,757	2,056	2,337	2,427
Alumni	Mil. dol.	280	381	486	714	785	910	1,049	1,240	1,237
Business corporations	Mil. dol.	196	269	357	508	556	696	778	976	1,112
Religious denominations	Mil. dol.	101	102	112	158	161	155	140	175	206
Current operations	Mil. dol.	603	951	1,370	1,825	2,010	2,250	2,590	2,870	3,125
Capital purposes	Mil. dol.	797	829	790	1,215	1,220	1,550	1,640	1,990	2,035
Enrollment, higher education	1,000	(NA)	8,094	10,224	11,286	11,259	11,570	12,097	12,372	12,358
Support per student	Dollars	(NA)	220	211	269	287	328	350	393	418
In **1967** dollars	Dollars	(NA)	194	137	143	139	142	135	140	142
Expenditures, higher education	Bil. dol.	(NA)	24.7	36.9	49.4	54.1	62.5	70.5	77.3	82.5
Expenditures per student	Dollars	(NA)	3,052	3,805	4,377	4,805	5,402	5,828	6,248	6,676
In **1967** dollars	Dollars	(NA)	2,698	2,460	2,373	2,328	2,327	2,245	2,225	2,272
Institutions reporting support	Number	1,064	1,045	986	1,065	972	1,019	928	1,101	1,137
Total support reported	**Mil. dol.**	**1,245**	**1,472**	**1,675**	**2,348**	**2,556**	**3,055**	**3,318**	**4,086**	**4,368**
Private 4-year institutions	Mil. dol.	1,032	1,154	1,227	1,702	1,823	2,178	2,367	2,835	2,966
Public 4-year institutions	Mil. dol.	195	292	431	623	715	856	929	1,217	1,362
Junior colleges	Mil. dol.	18	26	17	23	18	20	21	34	38

NA Not available. [1] Includes other contributions not shown separately.

Source: Council for Financial Aid to Education, New York, NY, *Voluntary Support of Education*, annual.

No. 262. Institutions of Higher Education—Average Salaries and Fringe Benefits for Faculty Members, by Type of Control: 1970 to 1984

[**In thousands of dollars.** For academic year ending in year shown. Figures are for 9 months teaching for full-time faculty members in four-year colleges and universities]

Type of control and academic rank	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
AVERAGE SALARIES											
Public: All ranks	13.1	16.6	17.6	18.3	19.3	20.5	22.1	23.9	26.2	28.6	29.3
Professor	17.3	21.7	23.1	24.3	25.4	26.8	28.8	31.0	33.7	36.0	37.1
Associate professor	13.2	16.7	17.7	18.6	19.5	20.5	21.9	23.4	25.7	27.5	28.4
Assistant professor	10.9	13.7	14.5	15.2	16.0	16.8	18.0	19.2	21.2	22.6	23.5
Instructor	9.1	11.2	11.9	12.2	13.1	13.9	14.8	15.1	16.7	17.7	19.1
Private: All ranks	13.1	16.6	17.6	18.4	19.4	21.2	22.1	24.4	26.8	29.2	31.1
Professor	17.8	22.4	23.7	25.1	26.2	28.1	30.1	32.7	35.8	38.8	41.5
Associate professor	12.6	16.0	16.9	17.8	18.7	19.8	21.0	23.1	25.4	27.5	29.4
Assistant professor	10.3	13.0	13.7	14.4	15.1	16.0	17.0	18.4	20.4	22.1	23.7
Instructor	8.8	10.9	11.5	11.6	12.1	13.2	13.3	14.4	15.9	17.6	18.4
AVERAGE FRINGE BENEFITS—ALL RANKS COMBINED											
Public	1.9	2.5	2.6	2.7	3.0	3.4	3.9	4.7	5.1	5.4	6.0
Private	2.2	2.8	3.0	3.0	3.3	3.6	4.1	4.9	5.4	5.7	6.4

Source: Maryse Eymonerie Associates, McLean, Virginia. Data derived from the American Association of University Professors, Washington, DC, *Annual Report on the Economic Status of the Profession*.

No. 263. Institutions of Higher Education—Tenure Status of Full-Time Faculty, by Type of Institution and Rank of Faculty: 1983

[Data are for those institutional units of higher education reporting tenure status. Excludes schools with no tenure status]

Type of institution and status	All institutions [1]	University	Other 4-yr. schools	2-yr. schools	Professor	Associate professor	Assistant professor	Instructor	Lecturer
PUBLIC INSTITUTIONS									
Total faculty	268,501	90,684	112,756	65,061	78,096	68,349	61,665	18,891	5,115
With tenure	184,924	61,179	74,514	49,231	75,282	58,409	19,610	2,142	680
Percent	68.9	67.5	66.1	75.7	96.4	85.5	31.8	11.3	13.3
PRIVATE INSTITUTIONS									
Total faculty	98,851	33,718	63,410	1,723	31,236	27,308	29,090	7,965	1,179
With tenure	56,262	20,333	34,070	859	29,186	20,147	4,730	288	14
Percent	56.9	60.3	53.7	49.9	93.4	73.8	16.3	3.6	1.2

[1] Includes instructional faculty with no academic rank, not shown separately.

Source: U.S. National Center for Education Statistics, *Faculty, Salaries, Tenure and Benefits: 1982-83.*

No. 264. Monthly Salary Offers to Candidates for Degrees by Field of Study: 1975 to 1983

[**In dollars.** Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

Field of study	Bachelor's				Master's [1]				Doctor's			
	1975	1980	1982	1983	1975	1980	1982	1983	1975	1980	1982	1983
Accounting	981	1,293	1,545	1,565	(NA)	1,517	1,847	1,891	(NA)	(NA)	(NA)	(NA)
Business, general [2]	843	1,218	1,477	1,486	1,250	1,795	2,135	2,215	(NA)	(NA)	(NA)	(NA)
Marketing [3]	801	1,145	1,370	1,411	(NA)	1,794	2,099	2,122	(NA)	(NA)	(NA)	(NA)
Engineering:												
Civil	1,064	1,554	1,925	1,869	1,183	1,753	2,249	2,260	1,382	2,089	2,851	2,936
Chemical	1,196	1,801	2,256	2,228	1,310	1,947	2,459	2,404	1,845	2,452	3,019	3,130
Electrical [4]	1,081	1,690	2,064	2,128	1,228	1,912	2,369	2,461	1,550	2,534	3,099	3,200
Mechanical	1,122	1,703	2,098	2,096	1,274	1,893	2,332	2,400	1,624	2,426	2,959	3,150
Nuclear [5]	(NA)	1,668	2,039	2,078	(NA)	1,831	2,300	2,386	(NA)	(NA)	(NA)	(NA)
Petroleum	(NA)	1,987	2,539	2,568	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Engineering technology	1,012	1,585	1,958	2,006	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemistry	956	1,459	1,751	1,712	1,118	1,688	1,987	2,203	1,503	2,261	2,719	2,694
Mathematics	915	1,475	1,777	1,799	1,138	1,685	2,162	2,124	1,523	2,199	2,544	2,585
Physics	(NA)	(NA)	(NA)	(NA)	1,216	(NA)	(NA)	(NA)	1,473	2,303	2,785	2,903
Humanities	723	1,074	1,283	1,360	931	1,309	1,512	1,617	(NA)	(NA)	(NA)	(NA)
Social sciences [6]	770	1,072	1,286	1,320	953	1,298	1,552	1,606	(NA)	(NA)	(NA)	(NA)
Computer science	975	1,558	1,908	1,941	1,169	1,858	2,267	2,359	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Candidates with 1 year or less of full-time nonmilitary employment. [2] For master's degrees, offers are after nontechnical undergraduate degree. [3] Includes distribution. [4] Beginning 1980, includes computer engineering. [5] Includes engineering physics. [6] Beginning 1980, excludes economics.

Source: College Placement Council, Inc., Bethlehem, PA, *A Study of Beginning Offers*, annual. (Copyright.)

No. 265. Earned Degrees Conferred, by Level of Degree: 1950 to 1982

[**In thousands, except percent.** Except as noted, includes Puerto Rico; beginning 1960 includes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series H 751–763, for similar data. See also Appendix III]

Year	Total		Bachelor's [1]		Master's		Doctorates		Percent of total		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's [1]	Master's	Doctorates
1950	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955	354	65.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960	479	65.8	256	139	51	24	8.8	1.0	82.4	15.5	2.1
1965	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1970	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1973	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5
1978	1,342	54.3	544	454	162	151	23.7	8.5	74.3	23.3	2.4
1979	1,335	53.3	534	466	154	148	23.6	9.2	74.9	22.6	2.5
1980 [2]	1,330	52.6	526	473	151	147	22.9	9.7	75.1	22.4	2.5
1981 [2]	1,336	51.8	523	484	147	149	22.7	10.2	75.4	22.2	2.5
1982 [2]	1,353	51.2	526	499	146	150	22.2	10.5	75.7	21.8	2.4

[1] Includes 1st professional degrees. [2] Data for 50 States and DC.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

No. 266. Earned Degrees Conferred, by Field of Study, 1975 to 1982, and by Level of Degree and Sex, 1982

Major field of study	Bachelor's [1] (1,000)							Master's, 1982		Doctorates, 1982	
	1975	1978	1979	1980	1981	1982		Total	Male	Total	Male
						Total	Male				
All fields	**922.9**	**921.2**	**921.4**	**929.4**	**935.1**	**953.0**	**473.4**	**295,546**	**145,532**	**32,707**	**22,224**
Agriculture	17.5	22.7	23.1	22.8	21.9	21.0	14.4	4,163	3,114	1,079	925
Animal science	3.4	4.1	4.0	3.7	3.7	3.6	2.0	453	301	146	129
Forestry	2.6	2.7	2.5	2.4	2.1	1.7	1.3	426	330	88	78
All other	11.5	15.9	16.6	16.7	16.0	15.8	11.2	3,284	2,483	845	718
Architecture [2]	8.2	9.3	9.3	9.1	9.5	9.7	6.8	3,327	2,242	80	58
Area studies	3.0	2.9	2.6	2.5	2.6	2.5	.9	750	380	98	55
Biological sciences	51.7	51.5	48.8	46.4	43.2	41.6	22.8	5,874	3,426	3,743	2,654
Biology, general	38.7	37.6	36.0	33.5	31.3	29.7	15.9	2,579	1,545	676	452
Zoology, general	5.6	4.5	4.1	3.7	3.3	3.1	1.8	413	229	223	167
All other	7.4	9.4	8.8	9.2	8.6	8.9	5.0	2,882	1,652	2,842	2,035
Business and management	133.8	161.3	172.9	186.7	200.9	215.8	131.1	61,428	44,359	857	705
Business management and administration	38.9	51.0	57.0	61.6	68.6	74.5	46.9	36,925	27,044	424	342
Business, commerce, general	31.2	31.9	32.2	34.5	36.7	37.3	22.6	9,144	6,601	155	125
Accounting	31.1	40.1	41.4	42.7	43.3	45.5	26.2	3,246	2,160	61	53
All other	32.6	38.3	42.3	47.9	52.2	58.5	35.4	12,113	8,554	217	185
Communications	19.2	25.4	26.5	28.6	31.3	34.2	14.9	3,327	1,578	200	136
Computer and information sciences	5.0	7.2	8.7	11.2	15.1	20.3	13.2	4,935	3,625	251	230
Education	167.0	136.1	126.0	118.1	108.3	101.1	24.4	93,104	25,771	7,676	3,949
Elementary, general	68.7	49.3	44.8	42.0	38.5	37.3	3.1	12,788	1,345	201	73
Physical	24.6	22.7	21.2	20.3	19.1	17.4	8.5	4,077	2,162	226	137
Industrial arts	7.5	7.4	6.9	6.5	5.8	5.5	4.7	2,133	1,432	252	166
Music	8.0	7.4	6.7	6.2	5.3	4.9	2.0	1,084	509	89	53
Special education, general	7.8	8.5	8.7	8.9	8.8	8.2	.6	9,157	1,229	253	89
Other education fields	50.4	40.8	37.7	34.1	30.7	27.8	5.3	63,865	19,094	6,655	3,431
Engineering	46.9	55.7	62.4	68.9	75.0	80.0	70.9	17,939	16,311	2,636	2,496
Chemical	3.1	4.6	5.6	6.3	6.5	6.7	5.3	1,285	1,104	311	292
Petroleum	.3	.6	.8	.9	1.0	1.2	1.1	122	116	21	19
Civil	7.7	9.1	9.8	10.3	10.7	10.5	9.3	2,995	2,725	329	315
Electrical	10.2	11.1	12.3	13.8	14.9	16.5	15.0	4,462	4,174	526	505
Mechanical	6.9	8.9	10.1	11.8	13.3	13.9	12.7	2,399	2,260	333	320
All other	18.8	21.4	23.8	25.7	28.5	31.1	27.4	6,676	5,932	1,116	1,045
Fine and applied arts	40.8	41.0	41.0	40.9	40.5	40.4	14.8	8,746	3,866	670	380
Art [3]	16.2	15.9	15.3	15.2	14.5	13.5	4.0	2,283	890	107	35
Music [4]	8.7	9.0	9.0	9.0	8.7	8.4	4.0	3,361	1,618	406	276
Dramatic arts	5.5	5.0	5.0	5.2	5.3	5.3	2.2	1,258	603	93	45
All other	10.5	11.0	11.6	11.6	12.0	13.2	4.7	1,844	755	64	24
Foreign languages	17.6	12.7	11.8	11.1	10.3	9.6	2.4	2,008	609	536	242
Health professions	49.1	59.4	62.1	63.9	63.6	63.7	10.1	16,503	4,006	925	503
Nursing	23.7	30.0	31.4	32.4	32.8	33.2	1.7	5,312	278	134	6
Pharmacy	6.3	7.3	6.8	7.0	6.6	6.4	3.4	368	233	127	106
Medical lab. technology	5.0	5.2	5.2	5.1	4.9	4.6	.8	207	76	4	1
All other	14.0	16.9	18.7	19.4	19.3	19.5	4.2	10,616	3,419	660	390
Home economics	16.8	17.6	18.3	18.4	18.4	17.9	1.0	2,355	201	247	73
Law (excl. first professional)	.4	.6	.7	.7	.8	.8	.4	1,893	1,510	22	20
Letters	57.6	44.3	42.0	40.6	40.0	40.7	16.0	8,226	3,126	1,681	915
Library sciences	1.1	.7	.6	.4	.4	.3	(Z)	4,506	799	84	31
Mathematical subjects	18.2	12.6	11.8	11.4	11.1	11.6	6.6	2,727	1,821	681	587
Military sciences	.3	.4	.3	.3	.3	.3	.3	49	46	–	–
Physical sciences	20.8	23.0	23.2	23.4	24.0	24.1	17.9	5,514	4,318	3,286	2,835
Chemistry, general	10.4	11.2	11.5	11.2	11.3	11.0	7.5	1,618	1,163	1,595	1,336
Physics, general	3.6	3.3	3.3	3.3	3.4	3.5	3.0	1,282	1,126	863	799
Geology	3.2	4.2	4.3	4.4	5.0	5.3	4.0	1,411	1,088	241	197
All other	3.5	4.2	4.1	4.5	4.3	4.2	3.3	1,203	941	587	503
Psychology	51.0	44.6	42.5	42.0	40.8	41.0	13.6	7,791	3,209	2,780	1,518
Public affairs and services	28.2	37.2	38.2	37.8	36.3	34.4	14.0	19,388	8,285	429	245
Social sciences	135.7	113.2	108.3	103.9	100.6	99.9	55.2	11,951	7,438	3,065	2,240
History	31.5	23.0	21.0	19.3	18.3	17.1	10.7	2,210	1,330	636	455
Sociology	31.5	22.8	20.3	18.9	17.3	16.0	4.8	1,145	519	558	351
Political science, government	29.1	26.1	25.6	25.5	25.0	25.7	15.9	1,954	1,344	513	401
Social sciences, general	13.8	11.3	10.4	8.5	8.2	8.0	3.7	1,107	613	66	51
Economics	14.0	15.7	16.4	17.9	18.8	19.9	13.4	1,964	1,481	677	581
All other	15.8	14.5	14.6	13.9	13.2	13.2	6.8	3,571	2,151	615	401
Theology	4.8	6.3	6.1	6.2	5.8	6.0	4.5	4,064	2,650	1,288	1,185
Theological professions, general	2.8	4.0	3.8	3.7	3.7	3.5	3.0	2,266	1,662	1,160	1,075
Religious education	1.4	1.7	1.7	1.9	1.5	1.6	.8	1,284	647	44	42
All other	.7	.6	.6	.6	.6	1.0	.7	514	341	84	68
Interdisciplinary studies [5]	28.2	35.6	34.2	34.5	34.5	35.8	17.1	4,978	2,840	393	242

– Represents zero. Z Less than 50. [1] Requiring 4 or 5 years. [2] Includes environmental design. [3] Includes history and appreciation. [4] Includes performing and liberal arts, history, and appreciation. [5] Comprises general liberal arts and sciences, biological and physical sciences, humanities and social sciences, engineering, and other disciplines.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 267. Degrees Conferred in Selected Professions: 1950 to 1982

[First professional degrees for medicine, dentistry, and law. As of spring. See Appendix III]

Type of degree and sex of recipient	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Medicine (M.D.):											
Institutions conferring degrees	72	79	81	86	104	109	109	109	112	116	119
Degrees conferred, total	5,612	7,032	7,304	8,314	12,447	13,461	14,279	14,786	14,902	15,505	15,814
Men	5,028	6,645	6,832	7,615	10,818	10,891	11,210	11,381	11,416	11,672	11,867
Women	584	387	472	699	1,629	2,570	3,069	3,405	3,486	3,833	3,947
Percent of total	10.4	5.5	6.5	8.4	13.1	19.1	21.5	23.0	23.4	24.7	25.0
Dentistry (D.D.S. or D.M.D.):											
Institutions conferring degrees	40	45	45	48	52	57	57	58	58	58	58
Degrees conferred, total	2,579	3,247	3,107	3,718	4,773	5,138	5,189	5,434	5,258	5,460	5,282
Men	2,561	3,221	3,085	3,684	4,627	4,764	4,623	4,794	4,558	4,672	4,467
Women	18	26	22	34	146	374	566	640	700	788	815
Percent of total	.7	.8	.7	.9	3.1	7.3	10.9	11.8	13.3	14.4	15.4
Law (LL.B. or J.D.):											
Institutions conferring degrees	(NA)	134	134	145	154	169	169	175	179	177	180
Degrees conferred, total	(NA)	9,240	11,583	14,916	29,296	34,104	34,402	35,206	35,647	36,331	35,991
Men	(NA)	9,010	11,216	14,115	24,881	26,447	25,457	25,180	24,893	24,563	23,965
Women	(NA)	230	367	801	4,415	7,657	8,945	10,026	10,754	11,768	12,026
Percent of total	(NA)	2.5	3.2	5.4	15.1	22.5	26.0	28.5	30.2	32.4	33.4
Engineering:											
Degrees conferred, total	57,159	45,624	50,664	63,753	65,308	68,114	74,492	80,376	87,643	94,270	100,580
Bachelor's	52,246	37,679	36,485	44,479	46,852	49,283	55,654	62,375	68,893	75,000	80,005
Master's	4,496	7,159	12,055	15,593	15,348	16,245	16,398	15,495	16,243	16,709	17,939
Doctorate's	417	786	2,124	3,681	3,108	2,586	2,440	2,506	2,507	2,561	2,636
Men	56,988	45,453	(NA)	63,227	63,853	65,103	69,861	74,168	80,001	85,105	89,706
Women	191	171	(NA)	526	1,455	3,011	4,631	6,208	7,642	9,165	10,874
Percent of total	.3	.4	(NA)	.8	2.2	4.4	6.2	7.7	8.7	9.7	10.8

NA Not available.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 268. Earned Degrees Below Bachelor's, by Curriculum: 1974 to 1982

[**In thousands, except percent.** Includes Puerto Rico and outlying areas through 1980. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

Type of curriculum	1974	1975	1976	1977	1978	1979	1980	1981	1982	Percent female	
										1975	1982
All degrees	**429.7**	**448.5**	**487.7**	**511.0**	**524.0**	**515.4**	**512.9**	**533.9**	**560.7**	**46.0**	**53.9**
Arts, science (incl. general programs)	169.2	171.4	174.7	176.0	172.0	162.7	159.6	159.1	161.0	45.3	54.5
Occupational	260.5	277.2	313.0	334.5	352.0	352.7	353.3	374.8	399.7	49.7	53.7
Science and engineering	147.3	159.0	174.8	186.4	194.3	193.5	193.5	214.8	236.4	46.2	46.6
Health services	70.3	76.7	83.5	88.0	90.6	90.0	86.6	86.8	90.5	87.5	88.5
Nursing, R.N.	28.7	32.4	34.3	35.9	36.8	35.9	35.7	35.6	37.5	92.9	93.2
Mechanical and engineering	52.6	56.3	63.3	68.1	71.6	71.3	72.5	89.3	98.8	2.5	8.4
Natural science	16.4	18.0	19.5	20.9	21.2	19.7	19.2	19.6	20.0	30.0	39.6
Data processing	8.0	7.9	8.5	9.4	10.6	12.5	15.1	19.0	27.1	36.1	52.1
Business and commerce	80.5	83.0	96.8	105.7	115.9	121.3	124.5	127.1	129.9	56.9	67.1
Secretarial	27.3	27.5	29.0	30.8	32.8	34.2	33.3	31.7	32.0	98.9	98.4
Public service	32.8	35.2	41.4	42.4	41.9	37.9	35.3	33.0	33.5	39.2	50.3
Police and corrections	15.9	17.0	20.3	20.0	19.3	16.0	14.5	12.6	13.3	12.4	27.4

Source: U.S. National Center for Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate*, annual; *Digest of Education Statistics*, annual, and unpublished data.

No. 269. Libraries—Number, by Type: 1980 to 1983

Type	1980	1981	1983		Type	1980	1981	1983	
			Total	Percent				Total	Percent
Total [1]	**31,564**	**32,387**	**32,297**	**100.0**	Academic	4,591	4,796	4,900	15.1
					Junior college	*1,191*	*1,235*	*1,297*	*4.0*
United States	28,638	29,278	29,044	89.8	Universities, colleges	1,911	1,892	1,901	5.9
Public	8,717	8,782	8,822	27.3	Departmental	1,489	1,669	1,702	5.3
Public branches	5,936	6,049	6,146	19.0	Law, medicine, religious	269	297	519	1.6
Special	4,645	4,637	4,281	13.3	Armed Forces	485	485	483	1.5
Medical	1,674	1,640	1,552	4.8	Law [2]	*417*	*404*	*430*	*1.3*
Government	1,260	1,615	1,591	4.9					
Religious	913	870	839	2.6	Outlying areas	113	114	121	.4

[1] Includes public libraries with annual incomes of less than $2,000 or book funds of less than $500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately.
[2] Law libraries with more than 10,000 volumes.

Source: R.R. Bowker Co., New York, NY, *The Bowker Annual of Library and Book Trade Information* and *American Library Directory*, annual. (Copyright by Xerox Corporation.)

No. 270. College and University Libraries—Summary: 1982

[Preliminary. For **school year ending in year shown.** Based on survey of academic libraries and joint library systems in the 50 States and DC. Data from Survey of College and University Libraries, Fall 1982. For definition of median, see Guide to Tabular Presentation]

Type of control and enrollment size	Materials circulated		Median number of volumes—		Operating expenses ($1,000)				Staff [3]	
	Total (1,000)	Median (1,000)	Added (1,000)	Held (1,000)	Total [1]	Wages and salaries [2]	Books	Periodicals	Total	Professional staff
All types, public	138,633	31	2	59	1,288,886	736,109	161,615	166,663	37,773	14,704
10,000 or more	93,170	167	15	411	840,938	467,298	105,492	118,336	23,569	8,690
5,000 to 9,999	22,261	52	4	79	215,957	127,947	27,260	24,396	6,595	2,672
1,000 to 4,999	21,281	19	2	41	209,948	128,383	26,177	20,606	6,908	3,001
500 to 999	1,441	7	1	24	15,579	9,162	1,800	2,142	508	253
500 or less	480	6	1	15	6,465	3,319	887	1,184	192	89
All types, private	61,315	15	2	67	653,097	345,078	94,216	91,185	20,648	9,102
10,000 or more	15,582	233	27	953	213,033	118,224	25,284	31,030	5,784	2,120
5,000 to 9,999	9,726	69	11	289	126,766	66,078	16,713	21,862	4,047	1,587
1,000 to 4,999	23,920	28	4	117	221,697	111,169	37,639	28,620	7,263	3,350
500 to 999	7,400	14	2	64	52,296	27,785	8,005	5,977	1,947	1,094
500 or less	4,687	5	1	23	39,305	21,824	6,575	3,696	1,606	952

[1] Includes expenses not shown separately; excludes capital outlay. [2] Includes fringe benefits; excludes wages for student assistance. [3] *Full-time equivalent.*

Source: U.S. National Center for Education Statistics, unpublished data.

No. 271. Noncollegiate Postsecondary Schools—Number, Enrollment and Staff, by Type of School: 1981

[For school year ending in **June.** Includes Puerto Rico and outlying areas. Covers schools offering noncollegiate, noncorrespondence, occupational programs]

Item	Unit	Total[1]	Vocational and technical	Technical institute	Business and commercial	Cosmetology and barber	Flight	Trade	Arts/design	Hospital	Allied health
Schools, total	Number	9,208	734	157	1,287	2,177	799	747	248	783	364
Public	Number	1,904	611	8	5	6	7	11	1	119	87
Private	Number	7,304	123	149	1,282	2,171	792	736	247	664	277
Enrollment	1,000	1,687	470	61	468	171	63	228	57	41	60
Staff, total	1,000	104.4	37.8	4.2	20.0	12.1	(NA)	9.5	3.8	11.7	5.3
Public	1,000	36.5	33.6	.7	(Z)	(Z)	(NA)	.1	(Z)	1.4	.6
Private	1,000	67.9	4.2	3.5	20.0	12.1	(NA)	9.4	3.7	10.3	4.7

NA Not available. Z Fewer than 50. [1] Includes other categories, not shown separately.

No. 272. Noncollegiate Postsecondary Schools—Summary: 1981

[See headnote, table 271. For definition of *mean*, see *Guide to Tabular Presentation*]

Program	Enrollment (1,000)			Mean charges (dol.)			Mean hours to complete		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
All programs[1]	**1,687.1**	**451.4**	**1,235.7**	**1,608**	**593**	**2,200**	**1,107**	**1,324**	**981**
Business/office: Accounting	40.7	13.9	26.9	2,254	488	2,893	1,077	1,238	1,019
Business administration	22.9	4.7	18.2	3,307	395	3,913	1,189	1,148	1,198
Secretary	106.5	23.4	83.1	2,463	541	2,903	1,034	998	1,043
Computer programmer	34.8	2.5	32.3	3,113	551	3,473	775	1,276	704
Data processing, n.e.c.[2]	32.9	11.5	21.4	2,499	695	4,119	1,061	1,139	991
Clerk	24.4	11.4	13.0	1,284	507	1,870	843	924	783
Health: Med. assistant (office)	21.0	1.8	19.2	2,326	820	2,787	766	1,046	680
Nurse (practical)	36.2	26.4	9.8	892	756	1,998	1,416	1,449	1,149
Marketing/distribution: Apparel	45.8	1.0	44.7	3,087	402	3,456	943	1,355	887
Real estate	100.7	.9	99.9	202	238	201	58	419	53
Recreation/tourism	26.3	.2	26.1	1,787	361	1,846	401	451	399
Entertainment services	35.1	.3	34.8	714	808	709	232	1,834	134
Tech: Electronics technologies	45.2	9.0	36.2	2,600	697	4,870	1,610	1,706	1,497
Pilot	48.7	.2	48.5	7,898	7,900	7,898	(NA)	(NA)	(NA)
Communications technologies	15.9	2.0	14.0	2,460	1,199	2,848	937	1,848	657
Performing artists (music, dance, drama)	21.0	.1	20.9	2,144	88	2,412	752	275	815
Trades/industry: Auto mechanic	28.7	18.9	9.8	1,070	607	2,841	1,466	1,561	1,101
Cosmetology	153.4	8.8	144.6	1,457	483	1,525	1,342	1,297	1,348
Truck driver	34.8	1.8	33.0	1,357	489	1,497	187	516	134
Welding	46.8	23.1	23.8	925	455	1,527	756	1,076	347
Commercial art occupations	20.0	3.2	16.8	3,166	943	4,082	1,259	1,640	1,102
Drafting	15.9	9.2	6.7	1,489	518	3,102	1,510	1,652	1,275
Maritime occupations	15.7	3.1	12.6	909	662	971	458	979	328

NA Not available. [1] Includes other programs, not shown separately. [2] N.e.c. means not elsewhere classified.

Source of tables 271 and 272: U.S. National Center for Education Statistics, *Digest of Education Statistics, 1983-84.*

NO. 273. WORK/TRAINING ACTS—ENROLLMENTS AND OBLIGATIONS: 1980 TO 1982

[For years ending **Sept. 30,** except as noted. Covers programs administered by the U.S. Dept. of Labor]

PROGRAM	FIRST-TIME ENROLLMENTS (1,000)			CURRENT ENROLLMENTS [1] (1,000)			OBLIGATIONS (mil. dol.)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total	**3,699**	**3,325**	**2,709**	**2,757**	**2,085**	**1,504**	**8,777**	**7,444**	**4,253**
CETA [2]	2,610	2,145	1,685	1,135	461	347	8,263	6,914	3,806
Training and Work Experience	795	652	576	337	248	198	2,045	2,119	1,767
Public Service Employment	385	174	(x)	333	22	(x)	3,162	1,755	(x)
Special Target Groups [3]	209	133	130	244	21	19	507	528	248
Job Corps	71	75	70	39	44	40	401	573	582
Summer Youth Program	691	717	645	(x)	5	8	725	793	720
Young Adult Conservation Corps	46	35	30	15	26	21	223	164	54
Private Sector Initiative Program	50	74	81	27	30	27	368	148	250
Youth Employment Training Program	363	285	153	140	65	34	832	834	187
Older Americans Act	52	24	24	55	57	57	267	277	277
Work Incentive Program	1,037	1,156	1,000	1,567	1,567	1,100	247	253	168

X Not applicable. [1] As of Sept. 30. [2] Comprehensive Employment and Training Act. [3] Includes Indian and Migrant programs.

Source: U.S. Employment and Training Administration, *Employment and Training Report of the President,* annual.

NO. 274. ADULT EDUCATION—PARTICIPATION, BY SELECTED CHARACTERISTICS AND PROVIDER OF INSTRUCTION: 1981

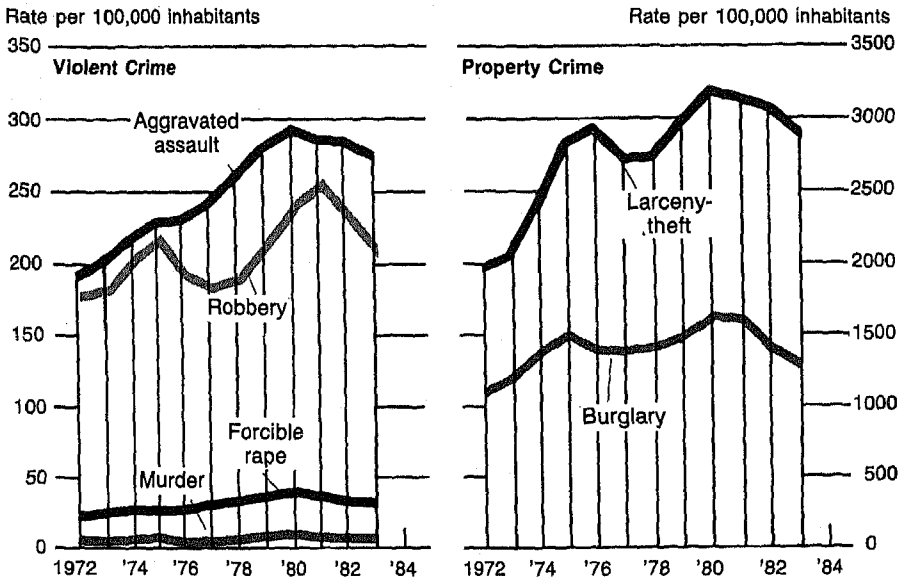
[For year ending in **May.** Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college]

ITEM	Total [1]	Male	Female	White [2]	Black [2]	Hispanic
Participants in adult education (1,000)	**21,252**	**9,358**	**11,893**	**18,674**	**1,298**	**770**
Percent of population	12.6	12.0	13.6	13.8	7.5	8.6
	PERCENT OF POPULATION					
Age:						
17–34 years	16.2	14.6	17.7	17.8	9.3	9.9
35–54 years	15.1	14.1	16.0	16.4	8.2	8.9
55 years and over	5.3	5.0	5.5	5.7	2.5	2.9
Highest level of education:						
Eight years of school or less	2.2	2.2	2.2	1.7	1.9	3.5
1 to 3 years of high school	5.6	4.9	6.1	5.9	4.2	4.9
4 years of high school	11.1	9.7	12.1	11.5	7.6	10.9
1 to 3 years of college	19.6	17.2	21.8	20.5	13.0	17.9
4 years of college	26.1	23.4	29.2	26.9	20.0	19.1
5 or more years of college	31.1	28.4	36.0	31.4	30.1	31.0
Annual family income:						
Under $7,500	6.3	5.2	7.0	6.8	4.6	5.5
$7,500–$9,999	8.1	6.6	9.3	8.7	4.5	7.3
$10,000–$14,999	11.0	8.6	13.0	11.8	7.8	8.6
$15,000–$19,999	13.2	11.7	14.6	14.0	9.7	8.6
$20,000–$24,999	15.1	14.5	15.8	16.0	9.8	8.9
$25,000–$49,999	18.3	17.1	19.5	18.8	14.0	13.2
$50,000 and over	18.8	17.7	20.1	18.8	15.5	17.0
Not reported	7.5	6.7	8.1	7.5	5.6	8.4
Courses taken (1,000)	**37,381**	**16,182**	**21,199**	**32,859**	**2,340**	**1,270**
	PERCENT DISTRIBUTION					
Main reason for taking course:						
Job related reasons [3]	60.3	69.2	53.5	60.7	61.5	53.1
To get a new job	11.8	10.5	12.7	11.3	17.0	15.0
To improve/advance in current job	44.6	54.1	37.3	45.5	38.8	34.3
Non-job related reason [3]	39.4	30.6	46.2	39.1	38.2	46.4
General education	9.6	9.3	9.9	8.8	17.1	13.2
Personal/social reasons	27.3	18.6	33.9	27.9	18.4	30.1
Provider of instruction:						
Elementary, junior, or high school	6.8	4.5	8.6	6.4	7.0	14.9
2-year college or voc-tech institute	18.8	16.3	20.7	18.3	19.6	28.7
4-year college or university	19.2	19.8	18.6	19.5	19.1	12.0
Vocational, trade, or business school	9.1	8.2	9.8	9.0	10.5	8.0
Tutor or private instructor	4.4	3.1	5.4	4.7	1.8	3.3
Business or industry	13.7	19.6	9.2	14.4	8.7	10.1
Labor organization or professional association	5.0	6.6	3.7	5.2	3.5	1.7
Government agency	7.8	9.1	6.9	7.6	13.0	7.4
Private community organization	8.5	5.8	10.5	8.7	5.6	7.2
Other	6.7	7.0	6.5	6.3	11.2	6.7
Employer provided course for employees	24.8	31.1	19.9	24.9	28.2	19.9

[1] Includes other races, not shown separately. [2] Non-hispanic. [3] Includes other reasons, not shown separately.

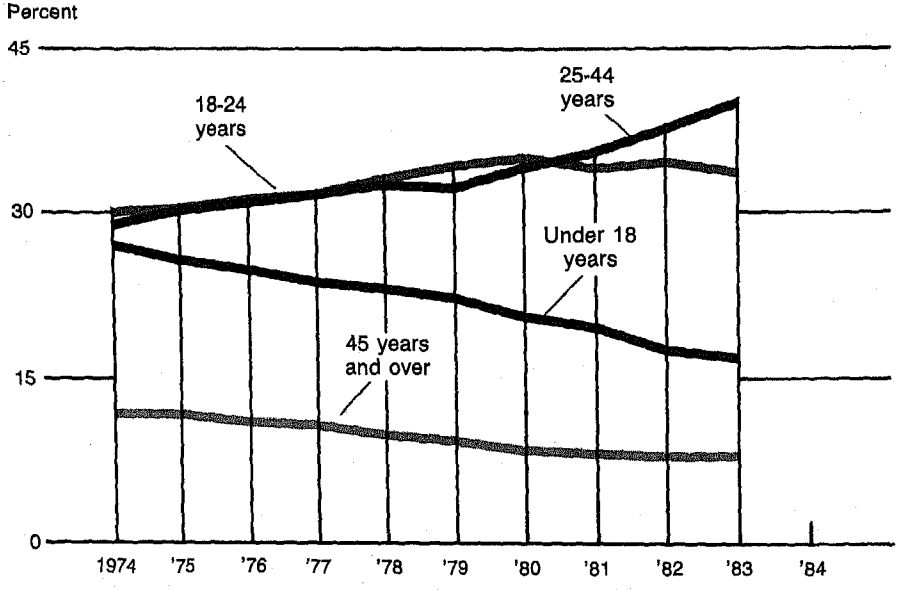
Source: U.S. National Center for Education Statistics, *Participation in Adult Education, 1981,* and unpublished data.

Figure 6.1
Selected Crime Rates: 1972 to 1983

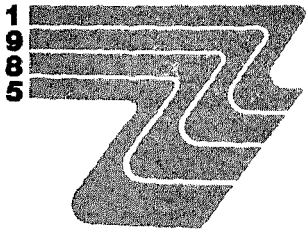


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 275.

Figure 6.2
Persons Arrested — Percent by Age: 1974 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 292.



Section 6

Law Enforcement, Courts, and Prisons

This section presents data on crimes committed, victims of crimes, arrests, and related data. A major source of these data is the Bureau of Justice Statistics (BJS). BJS issues several reports, including *Sourcebook of Criminal Justice Statistics, Criminal Victimization in the United States, Prisoners in State and Federal Institutions, Children in Custody, National Survey of Court Organization, Census of State Correctional Facilities, Census of Jails and Survey of Jail Inmates, Parole in the United States,* and *Capital Punishment.* In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Crime in the United States,* issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director, Federal Court Management Statistics, Federal Offenders,* and *Sentences Imposed Chart* issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment,* issued annually by the Bureau of the Census; and the *Statistical Report,* issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts.

Legal jurisdiction and law enforcement.—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first covers investigation of crimes and arrests of persons suspected of committing them; the second phase is prosecution of those charged with crime; and the third phase is concerned with the punishment or treatment of persons convicted of crime.

Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 97 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter,* is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on characteristics of persons arrested for all criminal offenses. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

National Crime Survey (NCS)—A second perspective on crime is provided by the NCS of the Bureau of Justice Statistics. The NCS includes offenses reported to the police, as well as those not reported (see table on page 164 for percent of victimizations reported to the police). Details about the crimes come directly from the victims. No attempt is made to validate the information against

police records or any other source. The NSC measures rape, robbery, assault, larceny, and motor vehicle theft.

Murder and kidnaping are not covered. Commercial burglary and robbery were dropped from the program during 1977. The so-called victimless crimes, such as drunkenness, drug abuse, and prostitution, also are excluded, as are crimes for which it is difficult to identify knowledgeable respondents or to locate data records.

Crimes of which the victim may not be aware also cannot be measured effectively. Buying stolen property may fall into this category, as may some instances of embezzlement. Attempted crimes of many types probably are under recorded for this reason. Events in which the victim has shown a willingness to participate in illegal activity also are excluded (e.g., gambling, various types of swindles, con games, and blackmail).

In any encounter involving a personal crime, more than one criminal act can be committed against an individual. For example; a rape may be associated with a robbery; or a household offense, such as a burglary, can escalate into something more serious in the event of a personal confrontation. In classifying the survey-measured crimes, each criminal incident has been counted only once—by the most serious act that took place during the incident and ranked in accordance with the seriousness classification system used by the Federal Bureau of Investigation. The order of seriousness for crimes against persons is as follows: Rape, robbery, assault, and larceny. Consequently, if a person were both robbed and assaulted, the event would be classified as robbery; if the victim suffered physical harm, the crime would be categorized as robbery with injury. Personal crimes take precedence over household offenses; among the latter, burglary is the most serious and motor vehicle theft is the least serious.

A *victimization*, basic measure of the occurrence of crime, is a specific criminal act as it affects a single victim. The number of victimizations is determined by the number of victims of such acts. Victimization counts serve as key elements in computing rates of victimization. For crimes against persons, the rates are based on the total number of individuals age 12 and over or on a portion of that population sharing a particular characteristic or set of traits. As general indicators of the danger of having been victimized during the reference period, the rates are not sufficiently refined to represent true measures of risk for specific individuals or households. For further details regarding the NCS, see *Criminal Victimization in the United States,* by the U.S. Bureau of Justice Statistics.

An *incident* is a specific criminal act involving one or more victims; therefore the number of incidents of personal crime is lower than that of victimizations. Incident figures are used in describing the settings and circumstances in which crimes occurred, including the time and place of occurrence, number of victims and offenders, and use of weapons. For crimes against households, victimizations and incidents are synonymous.

NCS estimates appearing in 1980 and earlier reports made use of population controls derived from the 1970 census. Thereafter, the 1980 census was used. Victimization rates, key measures of the occurrence of crime, and all percentages generally were unaffected by the change in the estimation procedure. Thus, the vast majority of data appearing after 1980 are compatible with data in previous NCS reports.

POLICE REPORTING RATES FOR PERSONAL AND HOUSEHOLD CRIMES: 1973 TO 1982

[Percent of victimization reported to the police]

SECTOR AND TYPE OF CRIME	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Personal sector:										
Crimes of violence	45.5	46.9	47.2	48.8	46.1	44.2	45.1	47.1	46.6	48.2
Rape	48.9	51.8	56.2	52.7	58.4	48.8	50.5	41.4	55.7	52.8
Robbery	52.5	53.6	53.3	53.3	55.5	50.5	55.5	56.8	55.8	56.2
Robbery with injury	63.4	61.9	65.0	62.9	66.1	65.4	62.2	69.6	66.6	67.1
Robbery without injury	46.6	49.6	47.9	48.6	49.6	43.6	52.0	50.1	50.7	51.2
Assault	43.5	44.7	45.2	47.5	43.5	42.7	42.4	44.9	43.7	45.9
Aggravated assault	51.6	53.1	55.2	58.4	51.5	52.7	51.3	54.0	52.2	57.6
Simple assault	38.0	38.7	39.0	40.6	38.8	37.0	37.4	39.8	39.0	39.6
Crimes of theft	22.1	24.6	26.3	26.6	24.8	24.6	24.0	26.9	26.7	26.9
Personal larceny with contact	32.8	33.8	34.5	36.2	37.2	33.7	35.6	35.7	40.4	32.7
Personal larceny without contact	21.8	24.2	26.0	26.3	24.5	24.3	23.6	26.5	26.2	26.7
Household sector:										
Household burglary	46.6	47.7	48.6	48.1	48.8	47.1	47.6	51.3	51.1	49.3
Household larceny	24.8	25.2	27.1	27.1	25.4	24.5	25.1	27.5	26.2	26.8
Motor vehicle theft	68.3	67.3	71.1	69.5	68.4	66.1	68.2	69.3	66.6	72.4

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 94 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 13, known as U.S. courts of appeals and the United States Court of Appeals for the Federal Circuit. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-term very restrictive atmosphere.

Prisoners.—Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred then to the Law Enforcement Assistance Administration, and, in 1979, to the Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 275. Crimes and Crime Rates, by Type: 1974 to 1983

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of **July 1,** except 1980, enumerated as of **April 1.** Minus sign (–) indicates decrease. For definitions of crimes, see text, pp. 163 and 164. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 952-961 for related data]

Item and year	Total	Violent crime					Property crime			
		Total	Murder [1]	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft
Number of offenses (1,000):										
1974	10,253	975	20.7	55.4	442	456	9,279	3,039	5,263	977
1975	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976	11,316	988	18.8	57.2	422	490	10,327	3,100	6,265	963
1977	10,951	1,013	19.1	63.6	407	523	9,937	3,063	5,901	974
1978	11,174	1,068	19.6	67.7	422	559	10,106	3,119	5,986	1,001
1979	12,211	1,189	21.5	76.5	475	616	11,022	3,318	6,595	1,109
1980	13,366	1,323	23.0	83.1	559	658	12,043	3,784	7,131	1,128
1981	13,385	1,341	22.5	82.6	585	650	12,044	3,769	7,188	1,087
1982	12,934	1,302	21.0	78.9	546	655	11,632	3,437	7,136	1,059
1983	12,070	1,238	19.3	78.9	500	640	10,832	3,121	6,707	1,004
Annual percent change:										
1974–1975	9.8	5.3	–1.0	1.2	5.1	6.2	10.3	7.0	13.6	2.4
1975–1976	.5	–3.7	8.4	1.9	–9.1	1.1	.9	–4.7	4.8	–3.8
1976–1977	–3.2	2.5	1.8	11.2	–3.6	6.8	–3.8	–1.2	–5.8	1.2
1977–1978	2.0	5.4	2.3	6.5	3.5	6.9	1.7	1.8	1.4	2.7
1978–1979	9.3	11.3	9.7	13.0	12.6	10.2	9.1	6.4	10.2	10.8
1979–1980	9.5	11.3	7.4	8.7	17.7	6.9	9.3	14.0	8.1	1.7
1980–1981	.1	1.3	–2.3	–.6	4.8	–1.3	(z)	–.4	.8	–3.6
1981–1982	–3.4	–2.9	–6.7	–4.5	–6.7	.8	–3.4	–8.8	–.7	–2.6
1982–1983	–6.7	–4.9	–8.1	-	–8.4	–2.4	–6.9	–9.2	–6.0	–5.1
Rate per 100,000 inhabitants:										
1974	4,850	461	9.8	26.2	209	216	4,389	1,438	2,490	462
1975	5,282	482	9.6	26.3	218	227	4,800	1,526	2,805	469
1976	5,271	460	8.8	26.6	197	228	4,811	1,444	2,918	448
1977	5,062	468	8.8	29.4	188	242	4,594	1,416	2,728	450
1978	5,124	490	9.0	31.1	193	257	4,634	1,430	2,745	459
1979	5,548	540	9.7	34.8	216	280	5,008	1,508	2,997	504
1980	5,931	587	10.2	36.9	248	292	5,344	1,679	3,164	500
1981	5,841	585	9.8	36.1	256	284	5,256	1,645	3,137	474
1982	5,586	562	9.1	34.1	236	283	5,024	1,485	3,082	457
1983	5,159	529	8.3	33.7	214	273	4,630	1,334	2,866	429

– Represents zero. Z Less than .05 percent. [1] Includes nonnegligent manslaughter.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

No. 276. Crimes and Crime Rates by Type and Area: 1982 and 1983

[**In thousands, except rate.** Rate per 100,000 population; see headnote, table 275. Estimated totals based on reports from city and rural law enforcement agencies representing 97 percent of the national population. For definitions of crimes, see text, pp. 163 and 164.]

Type of crime	1982						1983					
	SMSA's [1]		Other cities		Rural areas		SMSA's [1]		Other cities		Rural areas	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
Total	**11,024**	**6,367**	**1,204**	**4,983**	**706**	**2,064**	**10,363**	**5,852**	**1,073**	**4,629**	**634**	**1,881**
Violent crime	**1,163**	**672**	**80**	**332**	**59**	**171**	**1,111**	**627**	**73**	**315**	**54**	**161**
Murder and nonnegligent manslaughter	17	10	1	6	2	7	16	9	1	5	2	6
Forcible rape	69	40	5	20	5	15	69	39	5	21	5	15
Robbery	526	304	13	56	6	19	483	273	11	49	6	17
Aggravated assault	550	318	60	250	45	131	542	306	56	240	42	124
Property crime	**9,861**	**5,695**	**1,123**	**4,651**	**648**	**1,893**	**9,252**	**5,225**	**1,000**	**4,314**	**580**	**1,720**
Burglary	2,912	1,682	276	1,144	249	726	2,659	1,501	241	1,039	221	656
Larceny—theft	5,978	3,453	796	3,297	362	1,056	5,667	3,200	715	3,085	325	964
Motor vehicle theft	970	560	51	210	38	110	927	523	44	189	34	100

[1] For definition, see text, Appendix II.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

No. 277. Crime Rates by State, 1980 to 1983, and by Type, 1983

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated resident population as of April 1. For definitions of crimes, see text, pp. 163 and 164. For composition of regions, see fig. I inside front cover]

Region, division, and state	1980, total	1981, total	1982, total	1983							
				Total	Violent crime				Property crime		
					Murder [1]	Forcible rape	Robbery	Aggravated assault	Burglary	Larceny—theft	Motor vehicle theft
U.S. [2]	**5,931**	**5,841**	**5,586**	**5,159**	**8.3**	**33.7**	**214**	**273**	**1,334**	**2,666**	**429**
Region:											
Northeast	5,767	5,678	5,296	4,842	6.8	26.0	314	251	1,187	2,480	577
Midwest	(NA)	(NA)	5,090	4,768	6.4	31.0	166	213	1,174	2,785	392
South	5,573	5,497	5,401	4,953	10.4	34.4	171	304	1,345	2,758	331
West	7,388	7,203	6,875	6,358	8.5	44.4	241	323	1,677	3,576	488
N.E	**5,713**	**5,546**	**5,163**	**4,717**	**3.4**	**23.0**	**161**	**230**	**1,201**	**2,494**	**604**
ME	4,368	4,243	3,860	3,681	2.1	16.8	27	114	996	2,358	168
NH	4,680	4,322	3,829	3,356	2.0	19.5	24	80	822	2,227	182
VT	4,988	5,061	4,692	4,133	3.6	40.8	28	60	1,090	2,723	187
MA	6,079	5,835	5,504	5,011	3.5	25.9	209	339	1,254	2,322	859
RI	5,933	5,852	5,364	5,005	2.7	16.8	113	223	1,332	2,666	652
CT	5,882	5,837	5,427	4,978	4.1	20.0	201	150	1,274	2,850	479
M.A	**5,786**	**5,723**	**5,341**	**4,884**	**7.9**	**27.0**	**366**	**257**	**1,183**	**2,475**	**568**
NY	6,912	6,905	6,468	5,903	11.1	30.0	537	337	1,410	2,855	724
NJ	6,401	6,180	5,676	5,163	5.3	30.3	269	248	1,237	2,769	604
PA	3,736	3,683	3,453	3,196	4.9	20.6	172	145	811	1,727	315
E.N.C	(NA)	(NA)	**5,368**	**5,052**	**7.3**	**34.8**	**198**	**232**	**1,236**	**2,880**	**465**
OH	5,431	5,447	4,936	4,505	5.6	31.5	159	201	1,156	2,607	345
IN	4,930	4,540	4,430	4,130	5.2	27.5	100	151	988	2,536	322
IL	(NA)	(NA)	5,485	5,207	9.7	31.5	264	248	1,214	2,902	538
MI	6,676	6,854	6,785	6,478	10.0	56.1	285	365	1,692	3,331	738
WI	4,799	4,767	4,439	4,256	2.8	18.1	72	98	884	2,977	204
W.N.C	**4,874**	**4,815**	**4,424**	**4,090**	**4.3**	**21.8**	**91**	**167**	**1,029**	**2,559**	**219**
MN	4,799	4,737	4,455	4,034	1.7	22.4	80	87	1,076	2,559	209
IA	4,747	4,717	4,137	3,919	2.3	12.6	41	125	916	2,664	158
MO	5,433	5,351	4,948	4,530	8.1	26.8	166	274	1,217	2,518	318
ND	2,964	2,991	2,648	2,675	2.1	12.5	8	31	436	2,056	129
SD	3,243	3,013	2,645	2,548	2.1	17.0	16	85	546	1,779	103
NE	4,305	4,178	3,951	3,788	2.6	21.2	50	144	777	2,632	161
KS	5,379	5,404	4,952	4,530	5.6	25.9	84	211	1,168	2,834	201
S.A. [2]	**6,081**	**5,993**	**5,656**	**5,109**	**9.2**	**34.5**	**194**	**353**	**1,330**	**2,899**	**290**
DE	6,777	6,689	6,385	5,466	4.1	37.8	115	296	1,223	3,450	339
MD	6,630	6,558	6,012	5,357	8.5	32.8	347	418	1,224	2,961	365
VA	4,620	4,671	4,256	3,962	7.0	24.7	111	150	920	2,571	178
WV	2,552	2,619	2,511	2,419	4.9	13.4	44	109	685	1,381	182
NC	4,640	4,520	4,543	4,184	8.1	21.9	80	300	1,190	2,418	167
SC	5,439	5,319	5,361	4,771	9.8	35.0	105	467	1,295	2,620	240
GA	5,604	5,629	5,215	4,505	8.4	35.3	144	269	1,267	2,502	280
FL	8,402	8,032	7,465	6,781	11.2	48.4	263	504	1,797	3,753	405
E.S.C	**4,161**	**4,141**	**4,118**	**3,753**	**9.6**	**27.1**	**113**	**215**	**1,082**	**2,067**	**238**
KY	3,434	3,532	3,568	3,435	9.8	22.0	87	203	977	1,920	215
TN	4,498	4,311	4,414	4,012	8.8	35.9	173	186	1,206	2,087	317
AL	4,934	4,899	4,634	4,101	9.2	23.5	98	285	1,073	2,381	231
MS	3,417	3,537	3,573	3,208	11.2	23.8	64	182	1,024	1,762	142
W.S.C	**5,657**	**5,547**	**5,771**	**5,413**	**12.8**	**38.5**	**171**	**282**	**1,519**	**2,944**	**446**
AR	3,811	3,796	3,872	3,501	7.6	25.2	69	196	961	2,068	174
LA	5,454	5,268	5,311	5,027	14.2	39.9	190	397	1,293	2,783	311
OK	5,053	4,837	5,222	4,929	7.6	37.8	129	249	1,510	2,550	447
TX	6,143	6,050	6,302	5,907	14.2	40.3	189	268	1,668	3,203	525
Mt	**6,831**	**6,683**	**6,351**	**5,884**	**6.5**	**36.8**	**113**	**286**	**1,411**	**3,715**	**316**
MT	5,024	5,019	4,333	4,644	3.7	19.8	24	166	908	3,295	229
ID	4,782	4,531	4,083	3,866	3.5	18.3	27	190	931	2,526	171
WY	4,986	5,132	4,804	4,014	5.8	21.4	30	180	705	2,905	166
CO	7,333	7,353	7,080	6,627	6.4	41.9	126	302	1,532	4,246	373
NM	5,979	6,201	6,608	6,346	8.9	48.0	114	516	1,559	3,794	306
AZ	8,171	7,614	7,131	6,392	7.2	41.9	132	313	1,669	3,872	357
UT	5,881	5,750	5,334	5,118	3.5	24.9	64	163	1,016	3,610	236
NV	8,854	8,592	7,901	6,701	12.8	51.3	307	284	2,011	3,563	471
Pac	**7,588**	**7,391**	**7,064**	**6,531**	**9.2**	**47.2**	**287**	**337**	**1,774**	**3,526**	**551**
WA	6,915	6,742	6,282	6,078	4.9	44.7	105	217	1,640	3,813	253
OR	6,687	7,037	6,567	6,251	4.1	40.5	170	273	1,746	3,715	303
CA	7,833	7,590	7,285	6,677	10.5	48.0	341	373	1,829	3,445	631
AK	6,210	6,595	6,213	6,019	13.8	101.5	97	402	1,194	3,567	644
HI	7,482	6,543	6,584	5,810	5.6	29.4	130	87	1,333	3,805	420

NA Not available. [1] Includes nonnegligent manslaughter. [2] Includes District of Columbia, not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 278. Crime Rates for Violent Crimes in Cities, by Size Group and for Selected Cities: 1974 to 1983

[**Offenses known to the police per 100,000 population.** For types of violent crime, see table 279. Rates based on population of cities as estimated by FBI, using Bureau of the Census estimates as of **July 1**, of each year, except **1980** as of **April 1**. Minus sign (–) indicates decrease]

City-size group and city	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Average annual percent change	
											1974–1978	1979–1983
Cities with population of—												
250,000 or more	1,108	1,159	1,095	1,070	1,121	1,238	1,414	1,441	1,354	1,294	.3	1.1
100,000–249,999	600	632	573	600	627	702	812	826	779	736	1.1	1.2
50,000–99,999	406	451	416	444	486	526	602	584	561	511	4.6	–.7
25,000–49,999	331	343	338	342	364	420	455	452	431	403	2.4	–1.0
10,000–24,999	250	268	254	264	276	315	352	342	320	297	2.5	–1.5
Fewer than 10,000	218	232	216	230	245	279	298	291	284	260	3.0	–1.8
Selected cities:												
New York, NY	1,615	1,781	1,781	1,629	1,694	1,862	2,126	2,220	2,028	1,868	1.2	.1
Baltimore, MD	1,961	1,862	1,648	1,726	1,875	1,963	2,112	2,224	2,090	2,003	–1.1	.5
Washington, DC	1,603	1,774	1,481	1,427	1,412	1,609	2,011	2,275	2,123	1,915	–3.1	4.5
Detroit, MI	2,004	2,121	2,226	1,829	1,669	1,670	1,945	1,941	2,009	2,169	–4.5	6.8
San Francisco, CA	1,135	1,364	1,618	1,409	1,596	1,675	1,885	1,735	1,640	1,403	8.9	–4.3
Los Angeles, CA	1,069	1,114	1,167	1,209	1,320	1,515	1,742	1,743	1,739	1,692	5.4	2.8
Dallas, TX	866	885	815	1,019	1,134	1,298	1,409	1,360	1,345	1,149	7.0	–3.0
Memphis, TN	819	840	736	784	792	848	1,070	1,079	1,153	1,138	–.8	7.6
Philadelphia, PA	871	887	684	635	656	827	1,029	1,044	1,038	1,003	–6.8	4.9
Chicago, IL	1,282	1,180	978	935	897	909	960	850	877	1,317	–8.5	(X)
Phoenix, AZ	717	696	576	630	775	808	908	795	667	625	2.0	–6.2
San Diego, CA	473	502	532	560	567	656	707	734	635	582	4.6	–3.0
Indianapolis, IN	709	925	838	744	727	813	637	983	938	893	.6	2.4
San Antonio, TX	624	549	436	491	422	493	541	567	695	609	–9.3	5.4

X Not applicable. [1] Beginning 1983, not comparable to prior years.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 279. Crime Rates, by Type—Population-Size Groups and Selected Cities: 1983

[**Offenses known to the police per 100,000 population, as of July 1.** For definitions of crimes, see text, pp. 163 and 164]

City-size group [1] and city	Crime index, total	Violent crime					Property crime			
		Total	Murder	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft
Total, 12,117 agencies	**5,346**	**555**	**8.6**	**35**	**229**	**283**	**4,791**	**1,383**	**2,964**	**444**
Total, 8,293 cities	**6,406**	**681**	**9.8**	**41**	**306**	**325**	**5,725**	**1,580**	**3,588**	**557**
Cities with population of—										
250,000 or more	8,639	1,294	20.2	71	713	490	7,345	2,190	4,112	1,043
100,000–249,999	7,694	736	10.1	49	294	382	6,958	1,989	4,437	531
50,000–99,999	5,999	511	6.3	35	184	285	5,488	1,519	3,501	467
25,000–49,999	5,534	403	4.9	26	126	246	5,131	1,327	3,440	364
10,000–24,999	4,510	297	3.9	18	72	203	4,213	1,043	2,909	261
Fewer than 10,000	4,160	260	3.6	16	42	198	3,921	912	2,808	201
Suburbs, 5,762 agencies [2]	4,184	330	4.7	24	89	213	3,853	1,096	2,471	286
Rural areas, 2,637 agencies	1,990	165	5.8	15	17	127	1,825	694	1,028	104
Selected cities:										
Baltimore, MD	8,524	2,003	25.0	62	1,138	778	6,522	1,806	4,162	554
Chicago, IL	7,997	1,317	24.1	74	777	441	6,680	1,620	3,767	1,293
Dallas, TX	10,793	1,149	26.8	89	492	541	9,644	2,961	5,966	717
Detroit, MI	12,900	2,169	49.3	129	1,438	553	10,731	3,874	3,859	2,998
Indianapolis, IN	6,754	893	12.1	81	393	407	5,861	1,993	3,263	605
Los Angeles, CA	9,735	1,692	26.0	79	926	661	8,044	2,523	3,966	1,555
Memphis, TN	8,306	1,138	19.1	115	676	328	7,168	2,741	3,586	841
New York, NY	8,773	1,866	22.8	52	1,184	610	6,905	2,024	3,575	1,306
Philadelphia, PA	5,304	1,003	18.4	49	635	301	4,301	1,256	2,222	823
Phoenix, AZ	8,145	625	9.8	59	234	322	7,520	2,226	4,735	559
San Antonio, TX	8,050	609	18.9	59	275	256	7,441	2,546	4,239	656
San Diego, CA	6,811	582	8.2	42	272	260	6,228	1,726	3,697	805
San Francisco, CA	8,687	1,403	11.5	75	824	492	7,284	1,718	4,781	785
Washington, DC	9,294	1,915	29.4	65	1,236	585	7,358	2,004	4,720	635

[1] See headnote, table 278. [2] Agencies also included in other city and county groups.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 280. VICTIMIZATION RATES FOR CRIMES AGAINST PERSONS: 1973 TO 1982

[**Rates per 1,000 persons, 12 years old and over.** Includes attempted crimes. Data based on National Crime Survey; see text, pp. 163–165; and Appendix III]

YEAR AND CRIME	Total [1]	White	Black	Spanish origin [2]	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
					White	Black	Spanish origin [2]	White	Black	Spanish origin [2]	Stranger	Nonstranger
1973, total	33	32	42	36	43	53	53	21	32	22	22	11
1974, total	33	32	41	34	44	54	49	21	29	20	22	11
1975, total	33	32	43	40	42	53	50	21	34	30	21	11
1976, total	33	31	44	35	42	55	55	21	36	23	21	12
1977, total	34	33	42	40	45	57	50	22	29	32	21	13
1978, total	34	33	41	37	45	54	54	22	30	23	21	12
1979, total	35	34	42	41	44	53	55	24	32	29	22	12
1980: Total [3]	**33**	**32**	**41**	**40**	**43**	**53**	**54**	**22**	**31**	**27**	**21**	**12**
Rape	1	1	1	1	(B)	(B)	(B)	2	2	1	1	(B)
Robbery—												
With injury	2	2	4	3	3	6	5	2	3	2	2	(B)
Without injury	4	4	10	9	5	14	11	2	6	6	4	1
Aggravated assault	9	9	13	13	13	19	20	4	7	6	6	3
Simple assault	17	17	13	14	22	13	18	12	13	12	9	7
Personal larceny	83	83	80	76	89	89	77	78	73	75	(X)	(X)
1981: Total [3]	**35**	**33**	**50**	**39**	**44**	**61**	**53**	**23**	**40**	**26**	**23**	**12**
Rape	1	1	2	1	(B)	(B)	(B)	2	3	2	1	(B)
Robbery—												
With injury	2	2	4	4	3	5	5	2	4	3	2	(B)
Without injury	5	4	13	9	5	18	13	3	8	5	4	1
Aggravated assault	10	9	14	13	14	20	18	5	10	8	7	3
Simple assault	17	17	17	13	22	17	17	13	16	9	10	7
Personal larceny	85	85	85	86	90	97	86	81	75	86	(X)	(X)
1982: Total [3]	**34**	**33**	**44**	**40**	**42**	**57**	**49**	**25**	**33**	**32**	**22**	**12**
Rape	1	1	1	1	(B)	(B)	(B)	1	1	3	1	(B)
Robbery—												
With injury	2	2	3	4	3	4	4	1	3	3	2	(B)
Without injury	5	4	11	9	5	15	11	3	8	7	4	1
Aggravated assault	9	9	15	12	13	21	17	5	9	7	6	3
Simple assault	17	18	14	15	21	16	16	14	12	13	10	8
Personal larceny	83	83	84	87	90	96	96	77	75	79	(X)	(X)

B Estimated number of victimizations too small to be statistically reliable. X Not applicable.
[1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Excludes personal larceny.

NO. 281. VICTIMIZATION RATES FOR CRIMES AGAINST HOUSEHOLDS: 1973 to 1982

[**Rates per 1,000 households.** Includes attempted offenses. Data based on National Crime Survey; see text, pp. 163–165; and Appendix III]

YEAR AND HOUSEHOLD CHARACTERISTIC	BURGLARY			LARCENY			MOTOR VEHICLE THEFT		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1973	92	87	133	107	108	104	19	18	24
1974	93	88	135	124	125	112	19	18	26
1975	92	87	129	125	127	115	19	19	27
1976	89	84	131	124	126	112	16	16	21
1977	89	84	122	123	124	116	17	16	21
1978	86	83	115	120	120	121	18	17	21
1979	84	80	114	134	133	133	18	17	22
1980	84	81	115	127	125	134	17	16	25
1981	88	83	134	121	119	142	17	16	24
1982: All households	**78**	**73**	**117**	**114**	**111**	**132**	**16**	**15**	**25**
Homeowner	61	59	95	98	97	112	12	11	26
Renter	107	102	134	141	141	147	23	23	25
Households with income of—									
Under $3,000	121	119	128	128	129	126	10	11	(B)
$3,000–$7,499	100	91	139	107	101	128	11	10	12
$7,500–$9,999	86	76	149	132	129	149	13	12	20
$10,000–$14,999	76	71	112	123	122	130	16	15	36
$15,000–$24,999	66	65	75	120	118	128	19	17	38
$25,000 and over	71	69	117	111	109	150	17	16	44

B Estimated number of victimizations too small to be statistically reliable. [1] Includes other races not shown separately.

Source of tables 280 and 281: Through 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

No. 282. Victimization Rates for Crimes Against Persons and Households, by Type: 1973 to 1982

Rate per 1,000 persons, 12 years old and over; and per 1,000 households, except percent change. Data based on National Crime Survey; see text, pp. 163 and 164, and Appendix III. Minus sign (–) indicates decrease]

Year or period	Personal sector									Household sector		
	Violent crimes						Larceny—Theft			Burglary	Larceny	Motor vehicle theft
	Total	Rape	Robbery	Assault			Total	With contact	Without contact			
				Total	Aggravated	Simple						
RATE												
1973	32.6	1.0	6.7	24.9	10.1	14.8	91.1	3.1	88.0	91.7	107.0	19.1
1974	33.0	1.0	7.2	24.8	10.4	14.4	95.1	3.1	92.0	93.1	123.8	18.8
1975	32.8	.9	6.8	25.2	9.6	15.6	96.0	3.1	92.9	91.7	125.4	19.5
1976	32.6	.8	6.5	25.3	9.9	15.4	96.1	2.9	93.2	88.9	124.1	16.5
1977	33.9	.9	6.2	26.8	10.0	16.8	97.3	2.7	94.6	88.5	123.3	17.0
1978	33.7	1.0	5.9	26.9	9.7	17.2	96.8	3.1	93.6	86.0	119.9	17.5
1979	34.5	1.1	6.3	27.2	9.9	17.3	91.9	2.9	89.0	84.1	133.7	17.5
1980	33.3	.9	6.6	25.8	9.3	16.5	83.0	3.0	80.0	84.3	126.5	16.7
1981	35.3	1.0	7.4	27.0	9.6	17.3	85.1	3.3	81.9	87.9	121.0	17.1
1982	34.3	.8	7.1	26.4	9.3	17.1	82.5	3.1	79.5	78.2	113.9	16.2
PERCENT CHANGE												
1973–1982	5.3	–14.7	5.0	6.1	–7.6	15.4	–9.4	–.3	–9.7	–14.7	6.4	–15.3
1974–1982	3.9	–17.4	–1.4	6.2	–10.4	18.3	–13.3	–1.6	–13.6	–16.0	–8.0	–14.1
1975–1982	4.4	–11.0	4.7	4.8	–3.1	9.8	–14.1	–1.0	–14.5	–14.7	–9.2	–17.0
1976–1982	5.2	–3.6	9.6	4.4	–5.6	10.8	–14.1	5.9	–14.8	–12.1	–8.2	–1.9
1977–1982	1.1	–9.0	13.8	–1.5	–6.7	1.6	–15.2	15.5	–16.0	–11.7	–7.6	–4.8
1978–1982	1.6	–16.5	20.2	–1.8	–3.9	–.5	–14.7	–1.9	–15.2	–9.1	–5.0	–7.7
1979–1982	–.8	–25.0	13.1	–3.1	–6.2	–1.2	–10.2	6.6	–10.8	–7.0	–14.8	–7.8
1980–1982	3.0	–13.8	7.9	2.5	.5	3.6	–.6	1.0	–.7	–7.2	–10.0	–3.2
1981–1982	–3.0	–14.7	–4.5	–2.2	–3.4	–1.4	–3.1	–5.8	–3.0	–11.1	–5.9	–5.6

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

No. 283. Homicide Victims, by Race and Sex: 1950 to 1981

[**Rates per 100,000 resident population in specified group.** Beginning 1970, excludes deaths to nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases;* for earlier years, classified according to revision in use at the time, see text, p. 55. See also *Historical Statistics, Colonial Times to 1970,* series H 971–978]

Year	Homicide victims					Homicide rate [2]				
	Total [1]	White		Black		Total [1]	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
1950	7,942	2,586	952	3,450	890	5.3	3.9	1.4	(NA)	(NA)
1955	7,418	2,439	922	3,126	846	4.5	3.4	1.2	(NA)	(NA)
1960	8,464	2,832	1,154	3,345	1,013	4.7	3.6	1.4	36.7	10.4
1965	10,712	3,660	1,379	4,376	1,147	6.5	4.4	1.6	43.4	10.5
1970	16,848	5,865	1,938	7,265	1,569	8.3	6.6	2.1	67.6	13.3
1975	21,310	8,222	2,751	8,092	1,929	9.9	9.0	2.9	69.0	14.9
1976	19,554	7,566	2,547	7,327	1,767	9.0	8.2	2.6	61.6	13.4
1977	19,968	7,951	2,787	7,135	1,734	9.1	8.6	2.9	59.1	12.9
1978	20,432	8,429	2,771	7,116	1,739	9.2	9.0	2.8	58.1	12.8
1979	22,550	9,392	2,942	7,938	1,874	10.0	9.9	3.0	63.8	13.5
1980	24,278	10,381	3,177	8,385	1,898	10.7	10.9	3.2	66.6	13.5
1981	23,646	9,941	3,125	8,312	1,825	10.3	10.4	3.1	64.8	12.7

NA Not available. [1] Includes races not shown separately. [2] Rate based on enumerated population figures as of April 1 for 1950, 1960, and 1970; July 1 estimates for other years.

No. 284. Homicide Victims: 1960 to 1981

[Beginning 1970, excludes deaths of nonresidents of the United States. See headnote, table 283. See also *Historical Statistics, Colonial Times to 1970,* series H 971–986]

Item	1960, total	1965, total	1970		1978		1979		1980		1981	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicides	**8,464**	**10,712**	**13,278**	**3,570**	**15,838**	**4,594**	**17,628**	**4,922**	**19,088**	**5,190**	**18,572**	**5,074**
Assault by—												
Firearms [1]	4,627	6,158	9,209	2,004	10,997	2,389	12,023	2,479	12,878	2,622	12,548	2,541
Percent of total	54.7	57.5	69.4	56.1	69.4	52.0	68.2	50.4	67.5	50.5	67.6	50.1
Cutting and piercing instru	1,836	2,292	2,229	551	2,729	783	3,196	881	3,461	893	3,469	843
Other means	1,700	1,984	1,512	1,010	1,854	1,414	2,069	1,554	2,440	1,673	2,271	1,689
Intervention of police	245	271	328	5	257	8	337	8	309	2	283	1
Execution	56	7	–	–	1	–	3	–	–	–	1	–
Infanticides [2]	**199**	**213**	**80**	**70**	**82**	**79**	**104**	**66**	**114**	**96**	**106**	**112**

– Represents zero. [1] Includes explosives. [2] Included above; homicide victims under 1 year of age.

Source of tables 283 and 284: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual.

NO. 285. MURDER CIRCUMSTANCES/MOTIVES: 1977 TO 1983

CIRCUMSTANCE	1977	1978	1979	1980	1981	1982	1983
Murders, total	18,033	18,714	20,591	21,860	20,053	19,485	18,673
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Felony, total	16.7	16.7	16.9	17.7	17.2	17.7	18.0
Robbery	9.9	10.2	10.5	10.8	10.4	10.7	10.6
Narcotics	1.7	1.7	1.9	1.7	1.8	1.8	2.0
Sex offenses	1.7	1.4	1.6	1.5	1.4	1.4	1.6
Other felony	3.4	3.3	2.9	3.7	3.6	3.7	3.9
Suspected felony	5.9	5.6	5.3	6.7	5.5	5.2	3.2
Argument, total	46.6	45.5	42.9	44.6	42.2	40.9	43.7
Influence of alcohol and/or narcotics [1]	5.3	5.3	4.5	4.8	4.1	4.0	4.1
Property or money	3.3	3.5	3.0	2.6	3.0	3.2	2.8
Romantic triangle	2.8	2.7	2.4	2.3	2.5	2.4	2.6
Other arguments	35.2	33.9	33.0	35.0	32.5	31.3	34.1
Other motives	16.6	16.3	17.2	15.9	17.1	16.7	14.2
Unknown motives	14.2	13.8	17.7	15.1	17.8	19.6	20.9

[1] Murders committed during arguments while under influence of narcotics are not counted in felony murders.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

NO. 286. MURDER VICTIMS, BY WEAPONS USED OR CAUSE: 1974 TO 1983

[Based solely on police investigation. See text, p. 163, for definition of murder]

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH								
		Guns			Cutting or stabbing		Blunt object [1]	Strangulations, beatings	Arson	All other [2]
		Total	Percent of total	Percent handguns	Total	Percent				
1974	18,632	12,474	68	54	3,228	17	976	1,417	153	384
1975	18,642	12,061	66	51	3,245	17	1,001	1,646	193	496
1976	16,605	10,592	64	49	2,956	18	806	1,330	227	694
1977	18,033	11,274	63	48	3,440	19	849	1,431	252	787
1978	18,714	11,910	64	49	3,526	19	896	1,422	255	705
1979	20,591	13,040	63	50	3,954	19	997	1,557	276	767
1980	21,860	13,650	62	50	4,212	19	1,094	1,666	291	947
1981	20,053	12,523	62	50	3,886	19	1,038	1,469	258	879
1982	19,485	11,721	60	43	4,065	21	957	1,657	279	806
1983	18,673	10,895	58	44	4,075	22	1,062	1,656	216	769

[1] Refers to club, hammer, etc. [2] Includes poison, drownings, and unknown.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

NO. 287. SELECTED CRIMES, BY TYPE: 1983

TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)	TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)
		Change from 1982 [1]	Incidence, 1983				Change from 1982 [1]	Incidence, 1983	
Robbery, total [2]	**454**	**−8.5**	**100.0**	**645**	**Larceny—theft, total [2]**	**6,185**	**−5.9**	**100.0**	**348**
Highway	246	−6.4	54.2	397	Pocket picking	76	−5.0	1.2	218
Commercial house	51	−13.0	11.1	1,380	Purse snatching	85	−8.1	1.4	178
Gas station	14	−19.3	3.1	364	Shoplifting	793	−1.1	12.8	72
Convenience store	26	−14.2	5.8	463	From motor vehicles	1,156	−4.7	18.7	381
Residence	52	−6.5	11.4	956	Motor vehicle accessories	1,186	−9.8	19.2	238
Bank	6	−.8	1.3	4,057	Bicycles	522	−10.0	8.4	152
Burglary, total	**2,860**	**−9.0**	**100.0**	**860**	From buildings	983	−5.0	15.9	510
Residence	1,897	−8.0	66.3	893	From coin-operated machines	54	−8.6	.9	133
Nonresidence	963	−10.9	33.7	794					

[1] Minus sign (−) indicates decrease. [2] Includes types not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual; and unpublished data.

NO. 288. PERCENT OF FIREARMS USED IN SELECTED CRIMES, BY REGION: 1980 TO 1983

[For definitions of crimes, see text, pp. 163 and 164. For regions, see fig. I. Murder includes nonnegligent manslaughter]

REGION	MURDER				AGGRAVATED ASSAULT				ROBBERY			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
U.S. total	62.4	62.4	60.2	58.3	23.9	23.6	22.4	21.2	40.3	40.1	39.9	36.7
Northeast	54.2	53.4	52.2	50.5	15.5	16.9	14.9	14.1	32.6	34.6	33.2	30.6
Midwest	62.8	62.8	60.6	59.0	25.0	22.5	23.1	22.2	42.0	38.3	38.9	34.7
South	66.4	66.0	65.8	63.8	27.6	27.8	26.1	24.9	46.7	46.9	47.3	44.3
West	57.8	57.6	55.1	53.6	24.5	23.3	22.0	20.4	43.2	42.0	41.2	37.2

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 289. LAW ENFORCEMENT OFFICERS KILLED, BY GEOGRAPHIC DIVISION: 1973 TO 1983

[Covers officers killed in line of duty; includes Federal officers. For composition of divisions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

DIVISION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total killed	176	179	[1] 185	[2] 140	[3] 125	145	[4] 164	[3] 165	[5] 157	[6] 164	[7] 152
By felons	134	132	[1] 129	[2] 111	[3] 93	93	[4] 106	[3] 104	[5] 91	[6] 92	[7] 80
In accidents	42	47	56	29	32	52	58	61	66	72	72
New England	7	2	4	4	2	4	2	6	5	5	4
Middle Atlantic	21	18	24	15	12	13	19	25	12	12	16
East North Central	21	43	32	20	10	13	23	14	16	32	20
West North Central	6	8	8	10	16	11	5	9	13	9	6
South Atlantic	37	42	31	34	31	23	36	32	35	29	27
East South Central	13	12	18	14	11	16	22	15	21	13	13
West South Central	30	23	22	21	23	30	19	25	24	33	24
Mountain	16	9	14	4	3	7	14	11	8	11	10
Pacific	21	18	22	13	15	24	18	21	19	16	24
Puerto Rico	4	4	8	4	1	4	4	6	3	3	6

[1] Includes one officer each in Virgin Islands and Guam. [2] Includes one officer in Colombia. [3] Includes one officer in Virgin Islands. [4] Includes 2 officers in Guam. [5] Includes one officer in American Samoa. [6] Includes one officer in Mariana Islands. [7] Includes one officer each in Guam and Mariana Islands.

NO. 290. LAW ENFORCEMENT OFFICERS ASSAULTED, BY TYPE OF WEAPON USED: 1975 TO 1983

YEAR	Population[1] (1,000)	NUMBER OF—		Total assaulted	Firearm	Knife or cutting instrument	Other dangerous weapon	Hands, fists, feet, etc.
		Agencies represented	Police officers					
1975	151,927	7,435	290,638	44,867	3,282	1,287	4,516	35,782
1980	182,288	9,235	345,554	57,847	3,295	1,653	5,415	47,484
1981	177,836	9,019	332,856	57,116	3,330	1,733	4,800	47,253
1982	176,563	8,829	319,101	55,775	2,642	1,452	4,879	46,802
1983	198,341	9,908	377,620	62,324	3,067	1,829	5,527	51,901

[1] Represents the number of persons covered by agencies shown.

Source of tables 289 and 290: U.S. Federal Bureau of Investigation, *Law Enforcement Officers Killed and Assaulted*, annual.

NO. 291. REPORTED CHILD NEGLECT AND ABUSE CASES, BY DIVISION: 1978 TO 1982

[Derived from data provided by State child protective services personnel to the National Study on Child Neglect and Abuse Reporting, conducted by The American Humane Association and funded through the National Center on Child Abuse and Neglect, OHDS, DHHS. Represents total number of child maltreatment reports documented within the States, including substantiated and unsubstantiated reports. Also, the figures embody the variation among States with respect to whether they use individual child reports or reports which indicate all involved children in the family. Minus sign (—) indicates decline]

YEARS	U.S., total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Total number of reports (1,000):										
1978	606.6	33.4	76.3	69.1	68.8	96.3	59.5	52.9	38.6	111.7
1979	707.4	41.3	85.5	104.8	66.6	126.2	61.5	61.7	31.9	127.8
1980	785.1	48.3	91.8	105.3	77.7	154.5	58.2	69.7	37.7	141.8
1981	846.2	39.0	101.9	110.5	85.7	174.8	66.1	88.4	37.3	142.5
1982	924.1	49.9	105.5	126.0	96.8	182.1	75.4	95.8	41.5	151.0
Percent change:										
1978–1979	16.6	23.5	12.1	51.7	−3.2	31.0	3.4	16.7	−17.3	14.4
1979–1980	11.0	17.1	7.3	.5	16.6	22.4	−5.3	13.0	18.0	11.0
1980–1981	7.8	−19.3	11.0	4.9	10.3	13.1	13.6	26.8	−1.1	.5
1981–1982	9.2	27.9	3.5	14.0	13.0	4.2	14.1	8.4	11.3	6.0
Reports per 1,000 population: [1]										
1978	2.7	2.7	2.1	1.7	4.0	2.7	4.1	2.3	3.6	3.7
1979	3.2	3.3	2.3	2.5	3.9	3.5	4.2	2.7	2.9	4.1
1980	3.5	3.9	2.5	2.5	4.5	4.2	4.0	2.9	3.3	4.4
1981	3.7	3.1	2.8	2.7	5.0	4.6	4.5	3.6	3.2	4.4
1982	4.0	4.0	2.9	3.0	5.6	4.8	5.1	3.8	3.6	4.6

[1] Based on Bureau of the Census estimated resident population as of July 1.

Source: American Humane Association, Denver, CO, *National Analysis of Official Child Neglect and Abuse Reporting*, annual.

No. 292. Persons Arrested by Sex, Age, and Race: 1975 to 1983

[1975–1981 data represent agencies reporting 6 to 12 months; thereafter data represent those agencies reporting 12 months. See also *Historical Statistics, Colonial Times to 1970*, series H 999–1011]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983
SEX AND AGE										
Agencies reporting	Number	8,051	10,119	10,904	11,872	11,758	12,042	12,811	9,832	10,827
Population represented	Million	179	175	198	207	205	208	214	187	201
Percent of total population [1]	Percent	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9	85.8
Persons arrested [2]	1,000	8,014	7,912	9,029	9,775	9,506	9,703	10,296	10,062	10,287
Male	1,000	6,752	6,672	7,581	8,227	8,011	8,170	8,633	8,425	8,582
Percent of total	Percent	84.3	84.3	84.0	84.2	84.3	84.2	83.9	83.7	83.4
Percent under 18 yr	Percent	25.5	23.3	22.5	22.0	21.3	19.7	18.8	17.0	15.8
Female	1,000	1,262	1,240	1,448	1,548	1,495	1,533	1,660	1,637	1,705
Percent of total	Percent	15.7	15.7	16.0	15.8	15.7	15.8	16.1	16.3	16.6
Percent under 18 yr	Percent	35.5	33.5	32.2	30.4	29.4	27.1	25.0	22.8	21.5
Under 18 years	1,000	2,078	1,973	2,170	2,279	2,143	2,026	2,036	1,805	1,726
Percent of total	Percent	25.9	24.9	24.0	23.3	22.5	20.9	19.8	17.9	16.8
18–24 years	1,000	*2,482*	*2,517*	*2,920*	*3,257*	*3,279*	*3,426*	*3,594*	*3,527*	*3,513*
25–34 years	1,000	1,546	1,589	1,887	2,111	2,106	2,298	2,582	2,692	2,892
35–44 years	1,000	870	857	970	1,037	983	1,001	1,089	1,115	1,211
45–54 years	1,000	644	604	665	669	600	574	593	554	570
55 years and over	1,000	386	367	409	412	385	378	400	370	375
RACE										
Agencies reporting	Number	7,993	10,058	10,864	11,852	11,689	12,013	12,747	9,789	10,765
Population represented	Million	169	173	197	207	204	208	214	186	200
Percent of total population [1]	Percent	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.5	85.5
Persons arrested [2]	1,000	7,671	7,384	8,972	9,688	9,468	9,684	10,264	10,000	10,248
White	1,000	5,539	5,337	6,429	6,793	6,849	7,146	7,482	7,070	7,291
Percent of total	Percent	72.2	72.3	71.7	70.1	72.3	73.8	72.9	70.7	71.1
Black	1,000	1,935	1,870	2,308	2,562	2,343	2,375	2,619	2,777	2,796
Other	1,000	197	177	235	333	276	163	163	153	161

[1] Based on resident population as of July 1, except 1980 based on April 1 census count. [2] Represents each person arrested rather than number of charges filed against each. Through 1981, includes persons for whom age was not known, not shown separately in breakdown by age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 293. Persons Arrested, By Charge, Sex, and Age: 1983

[Represents arrests (not charges) reported by 10,827 agencies (reporting 12 months) with a total 1983 population of 201 million as estimated by FBI]

CHARGE	Total (1,000)	PERCENT DISTRIBUTION							
		Male	Under 15 yr.	Under 18 yr.	18–24 yr.	25–44 yr.	45–54 yr.	55–64 yr.	65 yr. and over
Total arrests	**10,287**	**83.4**	**5.5**	**16.8**	**34.1**	**39.9**	**5.5**	**2.7**	**.9**
Serious crimes [1]	**2,151**	**79.9**	**12.1**	**30.4**	**32.6**	**30.9**	**3.4**	**1.8**	**.9**
Murder and nonnegligent manslaughter	18	86.7	.9	7.4	34.0	48.1	6.3	2.9	1.3
Forcible rape	30	99.0	4.4	14.5	35.1	44.2	4.0	1.7	.5
Robbery	134	92.6	6.9	26.3	41.7	30.1	1.4	.4	.1
Aggravated assault	261	86.5	3.9	12.9	31.9	46.0	5.7	2.5	.9
Burglary [2]	416	93.2	14.3	38.3	37.1	22.9	1.2	.4	.1
Larceny—theft	1,169	70.5	14.4	32.3	24.8	30.3	4.0	2.3	1.3
Motor vehicle theft	106	91.1	8.2	34.6	37.4	25.5	1.8	.6	.2
Arson	17	87.8	23.9	37.5	24.4	31.3	4.4	1.7	.5
All other:									
Other assaults	482	85.3	6.2	16.3	32.3	44.0	4.8	1.9	.6
Forgery and counterfeiting	75	66.6	1.6	9.0	36.6	49.0	3.9	1.1	.3
Fraud	282	59.8	3.5	8.0	26.3	56.5	6.5	2.1	.6
Embezzlement	8	67.6	1.0	6.0	33.9	50.8	6.5	2.3	.4
Stolen property [3]	112	88.6	6.9	23.6	38.8	33.0	3.0	1.2	.3
Vandalism	213	90.4	22.6	43.8	29.9	23.3	2.0	.8	.3
Weapons (carrying, etc.)	161	92.2	3.8	14.0	33.7	43.1	5.7	2.6	.9
Prostitution and commercialized vice	119	29.8	.2	2.4	51.0	42.8	2.3	1.2	.4
Sex offenses [4]	77	92.5	6.9	15.7	26.9	44.5	7.2	4.0	1.7
Drug abuse violations	617	86.0	1.9	11.8	44.2	41.2	1.9	.7	.1
Gambling	38	89.1	.3	2.8	16.7	47.6	16.5	10.0	4.3
Offenses against family and children	46	88.9	1.0	2.8	26.5	62.7	5.9	1.6	.4
Driving while intoxicated	1,613	88.8	(z)	1.5	31.7	51.7	9.1	4.5	1.3
Liquor laws	427	83.6	2.1	26.7	51.4	16.9	2.9	1.6	.5
Drunkenness	978	91.3	.3	2.9	28.1	48.5	11.7	6.7	2.1
Disorderly conduct	679	83.8	4.0	14.4	38.1	38.7	5.1	2.9	.8
Vagrancy	31	89.8	2.0	8.1	30.4	48.6	8.2	3.7	1.1
Suspicion	12	85.3	8.2	23.1	34.2	37.9	3.4	1.0	.4
Curfew, loitering (juveniles)	68	76.4	27.5	100.0	(x)	(x)	(x)	(x)	(x)
Runaways (juveniles)	112	42.1	43.4	100.0	(x)	(x)	(x)	(x)	(x)
All other offenses, except traffic	2,006	84.7	3.7	14.0	37.0	41.5	4.7	2.0	.7

X Not applicable Z Less than .05 percent [1] Includes arson arrests, a newly established index offense in 1979. [2] Breaking or entering. [3] Buying, receiving, possessing. [4] Excludes forcible rape and prostitution, shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 294. Arson Arrests, by Sex, Age, and Race: 1974 to 1983

[See headnote, table 292 for coverage. See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

Sex, age, and race	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
SEX AND AGE											
Agencies reporting	Number	5,298	8,051	10,119	10,904	11,872	11,758	12,042	12,611	9,832	10,827
Population represented	Million	134.1	179.2	175.5	198.4	207.1	204.6	208.2	214.4	187.3	200.7
Percent of total population [1]	Percent	63.4	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9	85.8
Persons arrested [2]	1,000	10.8	14.6	14.5	16.5	18.1	18.4	18.5	19.4	16.9	17.2
Male	1,000	9.6	12.9	12.9	14.7	15.9	16.3	16.3	17.1	14.7	15.1
Percent of total	Percent	89.5	88.7	88.9	88.7	87.8	88.7	88.1	88.5	87.1	87.8
Percent under 18 yr	Percent	58.4	53.2	54.2	50.9	49.8	49.9	45.1	43.5	37.6	38.6
Female	1,000	1.1	1.6	1.6	1.9	2.2	2.1	2.2	2.2	2.2	2.1
Percent of total	Percent	10.5	11.3	11.1	11.3	12.2	11.3	11.9	11.5	12.9	12.2
Percent under 18 yr	Percent	51.2	44.0	43.4	41.1	37.7	41.7	38.0	33.9	33.9	29.8
Under 18 years	1,000	6.3	7.7	7.6	8.2	8.8	9.0	8.2	8.2	6.3	6.5
Percent of total	Percent	58.7	53.0	52.3	49.8	48.4	49.0	44.2	42.4	37.2	37.5
18-24 years	1,000	2.0	3.2	3.2	3.8	4.3	4.4	4.8	4.8	4.2	4.2
25-34 years	1,000	1.3	1.9	2.0	2.4	2.7	2.7	3.0	3.5	3.6	3.6
35-44 years	1,000	.6	1.0	.9	1.1	1.4	1.3	1.4	1.6	1.6	1.8
45-54 years	1,000	.4	.5	.5	.6	.7	.6	.7	.8	.7	.8
55 years and over	1,000	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4
RACE											
Agencies reporting	Number	5,222	7,993	10,056	10,864	11,852	11,689	12,013	12,747	9,788	10,765
Population represented	Million	124.3	169.5	173.5	197.0	206.6	204.4	207.9	213.8	186.5	200.1
Percent of total population [1]	Percent	58.8	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.6	85.5
Persons arrested [2]	1,000	10.1	13.7	13.6	16.4	18.0	18.3	18.4	19.3	16.8	17.1
White	1,000	7.9	10.8	10.7	12.6	13.6	14.5	14.5	15.1	12.5	13.0
Percent of total	Percent	78.1	79.3	78.7	76.8	75.8	78.9	78.7	78.4	74.0	75.5
Black	1,000	2.0	2.6	2.7	3.5	3.9	3.5	3.8	4.0	4.2	4.0
Other	1,000	.1	.1	.2	.3	.4	.3	.2	.2	.2	.2

[1] Based on resident population, as of July 1. [2] Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separately in breakdown by age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 295. Arson—Summary: 1983

[10,046 agencies reporting. Includes only fires determined through investigation to have been willfully or maliciously set, including attempts]

Property classification	Total offenses (number)	Percent distribution	Percent cleared by arrest	Percent under 18 [1]	Average damage (dol.)
Total	**84,700**	**100.0**	**18.8**	**34.9**	**9,384**
Structure, total	51,690	61.0	21.7	33.8	13,920
Single occupancy residential	24,371	28.8	19.4	28.3	9,418
Other residential	8,064	9.5	25.5	28.6	10,119
Storage	5,154	6.1	18.5	50.6	16,308
Industrial/manufacturing	825	1.0	15.5	26.6	59,372
Other commercial	6,223	7.3	18.3	22.3	31,238
Community/public	4,750	5.6	37.1	49.1	12,940
Other structure	2,303	2.7	19.6	49.3	8,477
Mobile, total	19,724	23.3	11.3	18.0	3,407
Motor vehicle	17,992	21.2	10.8	15.8	2,938
Other mobile	1,732	2.0	16.6	33.1	8,280
Other	13,286	15.7	18.3	55.7	610

[1] Percent involving only persons under 18 years of age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 296. Authorized Intercepts of Communication—Summary: 1970 to 1983

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Jurisdictions: [1]												
With wiretap statutes	19	24	24	24	24	24	24	26	28	29	29	31
Reporting interceptions	12	20	19	18	21	19	20	20	22	22	22	20
Intercept applications authorized	596	864	728	701	686	626	570	553	564	589	578	648
Intercept installations	582	812	694	676	635	601	560	533	524	562	518	602
Federal	179	130	120	106	136	77	81	87	79	106	129	205
State	403	682	574	570	499	524	479	446	445	456	389	397
Intercepted communications, avg. [2]	656	610	850	654	662	658	738	866	1,058	848	1,082	1,107
Incriminating	296	304	431	305	272	268	205	252	315	190	209	229
Persons arrested [3]	1,674	2,306	2,162	2,234	2,180	2,191	1,825	1,717	1,871	1,735	1,725	1,716
Convictions [3]	151	409	179	336	358	372	337	368	259	248	453	521
Major offense specified:												
Gambling	325	446	381	408	378	265	241	204	199	156	150	157
Drugs	127	229	199	178	190	237	195	250	282	318	333	360
Homicide and assault	21	47	21	16	10	22	25	29	13	33	31	31
Other	123	142	127	99	108	102	109	70	70	82	84	100

[1] Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. [2] Average per authorized installation. [3] Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Report on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, (Wiretap Report), annual.

No. 297. Federal Prosecutions of Public Corruption: 1971 to 1983

[As of **Dec. 31.** Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total: [1] Indicted	160	208	244	291	255	563	507	557	687	721	878	729	1,073
Convicted	108	142	181	217	179	380	440	409	555	552	730	671	972
Awaiting trial	–	5	18	5	27	199	210	205	187	213	231	186	222
Federal officials: Indicted	58	58	60	59	53	111	129	133	128	123	198	158	460
Convicted	40	42	48	51	43	101	94	91	115	131	159	147	424
Awaiting trial	–	4	2	1	5	1	32	42	21	16	23	38	58
State officials: Indicted	21	17	19	36	36	59	50	55	58	72	87	49	81
Convicted	16	10	17	23	18	35	38	56	32	51	66	43	65
Awaiting trial	–	–	–	–	5	30	33	20	30	28	36	18	26
Local officials: Indicted	46	106	85	130	139	194	157	171	212	247	244	257	270
Convicted	28	75	64	87	94	100	164	127	156	168	211	232	226
Awaiting trial	–	–	2	4	15	98	62	72	67	82	102	58	61

– Represents zero. [1] Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970–1980* and *Report to Congress on the Activities and Operations of the Public Integrity Section*, annual.

No. 298. Criminal Justice System—Public Expenditures and Employment, by Level of Government: 1970 to 1979

[Expenditures are for fiscal years closing during year shown. Employment as of **October.** Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012–1027]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
							Total [1] (1,000)			Rate [2]		
	1970	1975	1976	1977	1978	1979	1970	1975	1979	1970	1975	1979
All governments	[3] 8,571	[3] 17,249	[3] 19,681	[3] 21,574	[3] 24,132	[3] 26,028	775	[3] 1,051	[3] 1,176	38.0	[3] 49.3	[3] 53.5
Police	5,080	9,786	11,028	11,865	13,120	13,917	489	625	654	24.0	29.3	29.7
Judicial and legal	1,734	3,281	3,807	4,267	5,051	5,628	137	193	238	6.8	9.1	10.8
Corrections	1,706	3,843	4,386	4,934	5,523	6,040	148	225	277	7.3	10.5	12.6
Federal government	[3] 978	[3] 2,189	[3] 2,450	[3] 2,779	[3] 3,122	[3] 3,379	59	[3] 96	[3] 103	2.9	[3] 4.5	[3] 4.7
Police	589	1,461	1,612	1,765	1,952	2,053	40	69	73	1.9	3.2	3.3
Judicial and legal	287	429	472	616	746	876	14	14	16	.6	.6	.8
Corrections	83	217	256	299	337	354	6	11	12	.3	.5	.6
State governments	[3] 2,134	[3] 4,612	[3] 5,204	[3] 5,812	[3] 6,688	[3] 7,393	172	[3] 263	[3] 329	8.5	[3] 12.4	[3] 14.9
Percent of total	24.9	26.7	26.4	26.9	27.7	28.4	22.2	25.0	27.9	(X)	(X)	(X)
Police	689	1,512	1,696	1,800	1,892	1,989	66	92	92	2.7	4.3	4.2
Judicial and legal	374	779	903	1,026	1,497	1,748	26	41	73	1.2	1.9	3.3
Corrections	1,051	2,193	2,475	2,847	3,177	3,531	90	127	161	4.4	6.0	7.3
Local governments [4]	[3] 5,454	[3] 10,449	[3] 12,027	[3] 12,983	[3] 14,322	[3] 15,257	543	[3] 691	[3] 746	26.7	[3] 32.4	[3] 33.9
Percent of total	63.6	60.6	61.1	60.2	59.3	58.6	70.1	65.7	63.3	(X)	(X)	(X)
Police	3,803	6,813	7,720	8,300	9,276	9,876	394	463	489	19.3	21.7	22.2
Judicial and legal	1,073	2,073	2,432	2,626	2,809	3,004	98	139	150	4.7	6.6	6.8
Corrections	572	1,434	1,654	1,788	2,009	2,154	52	87	104	2.6	4.1	4.7

X Not applicable. [1] Total payroll divided by full-time payroll multiplied by full-time employees. [2] Rate per 10,000 estimated resident population as of July 1.
[3] Includes others not shown separately. [4] Data are estimates subject to sampling variation; see Appendix III and source.

Source: 1970–1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census; 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

No. 299. State and Local Government Police Protection and Correction Employment and Payrolls, 1983, and Expenditures, 1982

[Employment and payrolls as of **October**. Expenditures for fiscal years ending between **July 1981** and **June 1982**. Local government data are estimates subject to sampling variation; see Appendix III and source]

Region, division, and state	1983								1982 expenditures			
	Full-time equivalent employment					October payroll ($1,000)						
	Total	Police protection	Correction	Per 10,000 population [1]		Total	Police protection	Correction	Total (mil. dol.)	Per capita [2] (dol.)	Police protection (mil. dol.)	Correction (mil. dol.)
				Police protection	Correction							
Total	**902,868**	**606,223**	**296,645**	**25.9**	**12.7**	**1,631,453**	**1,144,949**	**486,504**	**24,945**	**110.11**	**16,461**	**8,484**
Region:												
Northeast	219,742	149,109	70,633	30.1	14.3	426,965	300,994	125,971	5,862	119.30	3,897	1,965
Midwest	201,242	145,469	55,773	24.7	9.5	361,478	272,040	89,438	5,701	96.85	4,056	1,645
South	302,020	191,679	110,341	24.1	13.9	469,031	308,286	160,745	7,237	96.02	4,549	2,688
West	179,864	119,966	59,898	26.1	13.0	373,979	263,631	110,348	6,145	142.34	3,959	2,186
N. Eng	**45,853**	**32,345**	**13,508**	**25.9**	**10.8**	**82,992**	**60,423**	**22,569**	**1,143**	**92.57**	**788**	**355**
ME	3,346	2,250	1,096	19.6	9.6	5,021	3,413	1,608	74	65.78	50	24
NH	2,906	2,177	729	22.7	7.6	4,699	3,630	1,069	69	75.22	51	18
VT	1,550	1,092	458	20.8	8.7	2,540	1,859	681	38	74.14	25	13
MA	22,876	15,932	6,944	27.6	12.0	41,497	30,581	10,916	575	100.23	385	190
RI	3,468	2,517	951	26.4	10.0	6,277	4,663	1,614	92	97.26	67	25
CT	11,707	8,377	3,330	26.7	10.6	22,958	16,277	6,661	295	94.88	210	85
Mid. Atl	**173,689**	**116,764**	**57,125**	**31.5**	**15.4**	**343,973**	**240,571**	**103,402**	**4,719**	**128.28**	**3,109**	**1,610**
NY	95,896	60,653	35,243	34.3	19.9	204,243	135,844	68,399	2,786	158.69	1,790	996
NJ	39,245	27,559	11,686	36.9	15.6	70,512	51,932	18,580	888	120.51	620	268
PA	38,748	28,552	10,196	24.0	8.6	69,218	52,795	16,423	1,045	88.05	699	346
E. No. Cent	**146,267**	**105,920**	**40,347**	**25.5**	**9.7**	**269,501**	**203,745**	**65,756**	**4,298**	**103.11**	**3,071**	**1,227**
OH	33,495	24,073	9,422	22.4	8.8	55,526	41,952	13,574	887	82.18	661	226
IN	16,668	11,479	5,189	21.0	9.5	23,282	16,763	6,519	385	70.09	249	136
IL	49,525	37,917	11,608	33.0	10.1	95,521	77,071	18,450	1,322	115.70	973	349
MI	30,325	20,694	9,631	22.8	10.6	64,520	45,369	19,151	1,145	123.62	772	373
WI	16,254	11,757	4,497	24.7	9.5	30,652	22,590	8,062	559	118.91	416	143
W. No. Cent	**54,975**	**39,549**	**15,426**	**22.7**	**8.9**	**91,977**	**68,295**	**23,682**	**1,403**	**81.65**	**985**	**418**
MN	11,510	7,804	3,706	18.8	8.9	23,796	16,422	7,374	372	91.16	256	116
IA	8,025	5,614	2,411	19.3	8.3	13,103	9,323	3,780	220	75.50	145	75
MO	18,299	13,935	4,364	28.0	8.8	29,540	23,495	6,045	424	86.16	319	105
ND	1,810	1,370	440	20.1	6.5	2,726	2,136	590	43	65.35	30	13
SD	1,907	1,454	453	20.8	6.5	2,617	2,035	582	42	60.12	31	11
NE	5,302	3,502	1,800	21.9	11.3	8,407	6,097	2,310	125	79.69	78	46
KS	8,122	5,870	2,252	24.2	9.3	11,788	8,787	3,001	177	74.78	125	52
So Atl	**164,328**	**100,228**	**64,100**	**25.8**	**16.5**	**262,457**	**166,194**	**96,263**	**4,014**	**108.61**	**2,497**	**1,517**
DE	2,860	1,517	1,343	25.0	22.2	4,795	2,825	1,970	83	138.80	47	36
MD	19,392	12,682	6,710	29.5	15.6	35,438	24,554	10,884	561	132.91	335	226
DC	6,580	4,409	2,171	69.9	34.4	15,822	10,843	4,979	234	366.60	125	109
VA	23,737	12,569	11,168	22.6	20.1	35,074	20,407	14,667	581	108.80	318	263
WV	4,526	3,449	1,077	17.6	5.5	5,752	4,688	1,064	92	47.22	66	26
NC	22,943	13,594	9,349	22.4	15.4	32,401	20,202	12,199	536	91.15	304	232
SC	10,791	6,613	4,178	20.3	12.8	14,278	8,916	5,362	231	74.13	139	92
GA	23,931	14,183	9,748	24.7	17.0	31,992	19,286	12,706	518	94.80	301	217
FL	49,568	31,212	18,356	29.2	17.2	86,905	54,473	32,432	1,178	120.95	862	316
E. So. Cent	**47,804**	**31,775**	**16,029**	**21.3**	**10.7**	**63,967**	**44,245**	**19,722**	**1,079**	**73.57**	**685**	**394**
KY	10,976	7,122	3,854	19.2	10.4	15,366	10,572	4,794	263	71.72	169	94
TN	16,871	10,855	6,016	23.2	12.8	21,885	14,761	7,124	352	76.55	221	131
AL	12,575	8,725	3,850	22.0	9.7	17,908	12,615	5,293	309	79.44	191	118
MS	7,382	5,073	2,309	19.6	8.9	8,808	6,297	2,511	155	61.32	104	51
W. So. Cent	**89,888**	**59,676**	**30,212**	**23.1**	**11.7**	**142,607**	**97,847**	**44,760**	**2,144**	**90.29**	**1,367**	**777**
AR	6,475	4,415	2,060	19.0	8.8	8,004	5,663	2,341	133	58.17	85	48
LA	18,709	11,462	7,247	25.8	16.3	27,499	17,265	10,234	479	113.84	309	170
OK	12,257	7,970	4,287	24.2	13.0	17,238	11,393	5,845	250	82.73	163	87
TX	52,447	35,829	16,618	22.8	10.6	89,866	63,526	26,340	1,282	90.14	810	472
Mt	**48,211**	**32,993**	**15,218**	**26.8**	**12.3**	**85,915**	**60,327**	**25,588**	**1,454**	**127.85**	**931**	**523**
MT	2,732	1,898	834	23.2	10.2	4,290	3,038	1,252	69	87.57	48	21
ID	2,873	2,183	690	22.1	7.0	4,252	3,244	1,008	67	71.39	50	17
WY	2,367	1,810	557	35.2	10.8	4,000	3,148	852	71	152.40	52	19
CO	11,703	8,252	3,451	26.3	11.0	22,167	15,942	6,225	322	111.52	224	98
NM	6,166	3,949	2,217	28.2	15.8	9,571	6,031	3,540	164	125.55	96	68
AZ	13,016	8,568	4,448	28.9	15.0	24,181	16,906	7,275	453	166.84	285	168
UT	4,464	3,190	1,274	19.7	7.9	7,855	5,708	2,147	145	98.90	99	46
NV	4,890	3,143	1,747	35.3	19.6	9,599	6,310	3,289	163	203.54	77	86
Pac	**131,653**	**86,973**	**44,680**	**25.9**	**13.3**	**288,084**	**203,304**	**84,760**	**4,691**	**147.52**	**3,028**	**1,663**
WA	13,580	8,536	5,044	19.9	11.7	27,179	18,529	8,650	513	124.12	280	233
OR	9,201	6,114	3,087	23.0	11.6	18,297	12,223	6,074	301	114.22	200	101
CA	103,210	68,322	34,888	27.1	13.9	229,625	162,917	66,708	3,605	152.30	2,364	1,241
AK	2,046	1,289	757	26.9	15.8	6,602	4,473	2,129	174	432.31	111	63
HI	3,616	2,712	904	26.5	8.8	6,361	5,162	1,199	98	101.05	73	25

[1] Based on resident population as of July 1. [2] Based on resident population as of April 1, 1980.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and *Governmental Finances*, series GF No. 5, annual.

No. 300. Lawyers—Selected Characteristics: 1954 To 1980

[See headnote, table 301. See also *Historical Statistics, Colonial Times to 1970*, series H 1028-1062]

Characteristic	1954	1957	1960	1963	1966	1970	1980			
							Total [1]	In cities with population of—		
								Less than 250,000	250,000–499,999	500,000 or more
All lawyers [2]	**241,514**	**262,320**	**285,933**	**296,069**	**316,656**	**355,242**	**542,205**	**287,806**	**76,021**	**178,377**
Lawyers reporting [3]	**221,600**	**235,783**	**252,385**	**268,782**	**289,404**	**324,818**	(x)	(x)	(x)	(x)
Male	216,564	229,433	245,897	261,639	281,336	315,715	498,019	268,565	69,398	160,056
Female	5,036	6,350	6,488	7,143	8,068	9,103	44,185	19,241	6,623	18,321
Status in practice: [4]										
Government	21,279	24,245	25,621	29,314	31,280	35,803	50,490	19,662	6,833	23,995
Federal	9,040	12,458	13,045	15,113	16,284	18,710	20,132	2,300	2,148	15,684
State	3,561	4,000	4,316	6,486	7,416	9,293	30,358	17,362	4,685	8,311
City or county	8,678	7,787	8,260	7,715	7,580	7,800				
Judicial	7,903	7,910	8,180	8,748	9,712	10,349	19,160	12,659	2,353	4,148
Federal	621	769	599	707	800	878	2,611	983	560	1,068
State and county	5,041	5,056	5,301	5,712	6,823	7,548	16,549	11,676	1,793	3,080
City	2,241	2,085	2,280	2,329	2,089	1,923				
Private practice	189,423	188,955	192,353	200,586	212,662	236,085	370,111	202,663	51,913	115,535
Individual	127,389	122,389	116,911	113,127	113,273	118,963	179,923	108,008	21,766	50,148
Partner	51,668	54,966	60,709	70,064	78,544	92,442	190,187	94,655	30,147	65,387
Associate [5]	10,366	11,600	14,733	17,395	20,845	24,680				
Salaried	16,648	21,054	25,198	29,510	33,222	40,486	73,862	32,045	12,088	29,729
Private industry	15,063	18,911	22,533	26,492	29,405	33,593	54,626	22,431	9,327	22,868
Educational institutions	1,351	1,504	1,798	2,100	2,717	3,732	6,606	3,657	998	1,951
Other private employment	234	639	867	918	1,100	3,161	12,630	5,957	1,763	4,910
Inactive or retired	6,581	7,661	10,887	12,024	14,881	16,812	28,582	20,777	2,834	4,970

X Not applicable. [1] Detail may not add to total due to rounding. [2] 1954–1970 includes lawyers not reporting and an adjustment (subtraction) for duplications; 1980 weighted to account for non-reporters and duplicate listngs. [3] 1954–1970 includes duplications; 1980 figures are weighted to adjust for duplication of entries. [4] 1954–1970, in cases where more than 1 subentry was applicable, the individual was tabulated in each. In 1980, the 2,503 lawyers who were in both private practice and government service are coded in private practice. [5] Associates are lawyers employed by individual practitioners or partnerships.

Source: American Bar Foundation, Chicago, IL, 1954–1970, *The 1971 Lawyer Statistical Report*, 1971 (copyright); 1980 from *The Legal Profession in the United States: The 1980 Lawyer Statistical Report*. (Copyright.)

No. 301. Lawyers, by State: 1960 to 1980

[Data based on 1961, 1971, and 1980 editions of *Martindale-Hubbell Law Directory*. Represents all persons who are members of the bar, including those in industries, educational institutions, etc., and those inactive or retired]

State	1960 [1]	1970 [2]	1980			State	1960 [1]	1970 [2]	1980		
			Total [3]	In private practice [3]	Population per lawyer [4]				Total [3]	In private practice [3]	Population per lawyer [4]
U.S	**285,933**	**324,818**	**542,205**	**370,111**	**418**	MO	7,453	7,230	10,731	7,044	458
AL	2,712	3,291	5,466	3,737	712	MT	1,028	978	1,617	1,138	487
AK	198	443	1,355	844	297	NE	2,344	2,481	3,722	2,383	422
AZ	1,681	2,618	5,657	3,819	481	NV	440	739	1,771	1,133	452
AR	1,778	1,969	3,188	2,186	717	NH	636	791	1,678	1,195	549
CA	22,576	31,580	64,840	46,601	365	NJ	9,331	11,126	18,400	12,947	400
CO	3,606	4,197	8,652	5,950	334	NM	972	1,201	2,508	1,677	519
CT	3,932	5,398	8,930	5,758	348	NY	49,832	48,312	62,745	44,845	280
DE	514	733	1,332	728	446	NC	3,613	4,367	7,459	5,237	789
DC	12,564	15,501	25,465	9,832	25	ND	738	728	1,101	735	593
FL	7,737	10,917	23,521	16,396	414	OH	15,470	15,349	23,949	16,278	451
GA	4,806	5,517	11,087	8,163	493	OK	4,818	4,637	7,034	4,696	430
HI	482	857	2,027	1,417	476	OR	2,646	2,996	5,803	4,140	454
ID	682	803	1,706	1,128	553	PA	12,137	13,557	22,872	16,337	519
IL	18,901	20,404	32,421	21,859	352	RI	1,066	1,284	2,070	1,592	468
IN	4,746	5,447	8,443	5,990	650	SC	1,884	2,236	4,195	3,091	744
IO	3,556	3,820	5,550	3,878	525	SD	758	812	1,125	781	614
KS	2,985	3,126	4,759	3,214	497	TN	4,231	4,770	7,802	5,351	588
KY	3,337	3,625	6,200	4,211	590	TX	13,997	17,217	30,151	20,766	472
LA	4,177	5,089	8,752	6,722	481	UT	1,144	1,309	2,480	1,830	589
ME	982	1,068	2,062	1,552	545	VT	493	581	1,095	753	467
MD	5,224	6,619	10,648	7,005	396	VA	4,724	6,401	10,895	7,271	491
MA	10,384	11,316	18,537	13,938	309	WA	3,895	4,466	8,468	5,923	488
MI	9,413	10,569	17,443	11,844	531	WV	1,789	1,719	2,566	1,769	760
MN	4,712	5,481	9,433	6,174	432	WI	6,134	6,177	9,117	6,229	516
MS	2,190	2,517	3,850	2,799	655	WY	492	449	927	610	507

[1] Includes lawyers not reporting. [2] Represents lawyers reporting only. Includes an estimated adjustment (subtraction) to account for duplications. Based on reporting from approximately 90 percent of all lawyers. [3] Weighted to account for non-reporters and duplicate listings. [4] Based on Bureau of the Census estimated resident population, including Armed Forces stationed in area as of July 1, 1980.

Source: American Bar Foundation, Chicago, IL, *The 1971 Lawyer Statistical Report*, 1971 (copyright), and *The Legal Profession in the United States: The 1980 Lawyer Statistical Report*. (Copyright.)

No. 302. U.S. Supreme Court—Cases Filed and Disposition: 1970 to 1983

[Statutory term of court begins first Monday in **October.** See *Historical Statistics, Colonial Times to 1970,* series H 1063-1078, for related but not comparable data]

ACTION	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total cases on docket	**4,212**	**4,761**	**4,731**	**4,704**	**4,731**	**4,781**	**5,144**	**5,311**	**5,079**	**5,099**
Appellate cases on docket	1,903	2,352	2,324	2,341	2,383	2,509	2,749	2,935	2,710	2,688
From prior term	325	431	452	472	434	425	527	522	545	520
Docketed during present term	1,578	1,921	1,872	1,869	1,949	2,084	2,222	2,413	2,165	2,168
Cases acted upon	1,613	1,900	2,019	1,979	2,023	2,050	[1]2,324	[1]2,513	[1]2,279	[1]2,220
Granted review	214	244	237	224	210	199	167	203	189	140
Denied, dismissed, or withdrawn	1,285	1,538	1,620	1,676	1,734	1,776	1,999	2,100	1,892	1,902
Summarily decided	114	118	162	79	79	75	90	114	113	71
Cases not acted upon	290	452	305	362	360	459	425	422	413	468
Pauper cases on docket	2,289	2,395	2,398	2,349	2,331	2,249	2,371	2,354	2,352	2,394
Cases acted upon	1,802	1,997	2,083	1,960	1,996	1,838	[1]2,027	[1]2,039	[1]2,013	[1]1,992
Granted review	41	28	30	24	27	32	17	7	10	9
Denied, dismissed, or withdrawn	1,683	1,903	2,013	1,899	1,938	1,757	1,968	2,014	1,995	1,968
Summarily decided	78	66	40	37	31	49	32	12	6	10
Cases not acted upon	487	398	315	389	335	411	344	315	339	402
Original cases on docket	20	14	8	14	17	23	24	22	17	17
Cases disposed of during term	7	7	2	3	-	1	7	6	3	5
Total cases available for argument	267	280	269	260	249	238	264	318	312	269
Cases disposed of	160	181	181	185	170	160	162	192	199	189
Cases argued	151	179	176	172	168	156	154	184	183	184
Cases dismissed or remanded without argument	9	2	5	13	2	4	8	8	16	5
Cases remaining	107	99	88	75	79	78	102	126	113	80
Cases decided by signed opinion	126	160	154	153	153	143	144	170	174	174
Cases decided by per curiam opinion	22	16	22	8	8	12	8	10	6	6
Number of signed opinions	109	138	126	129	130	130	123	141	151	151

- Represents zero. [1] Includes cases granted review and carried over to next term, not shown separately.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

No. 303. U.S. Courts of Appeals: 1965 to 1983

[For years ending **June 30.** See also *Historical Statistics, Colonial Times to 1970,* series H 1079-1096]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Cases commenced [1]	**6,766**	**11,662**	**16,658**	**18,408**	**19,118**	**18,918**	**20,219**	**23,200**	**26,362**	**27,946**	**29,630**
Criminal	1,223	2,660	4,187	4,650	4,738	4,487	4,102	4,405	4,377	4,767	4,790
U.S. civil	1,367	2,167	2,981	3,327	3,622	3,928	3,983	4,654	4,940	5,517	5,820
Private civil	2,677	4,834	6,511	7,077	7,358	7,234	8,237	10,200	12,074	13,287	14,429
Administrative appeals	1,106	1,522	2,290	2,515	2,564	2,382	2,922	2,950	3,800	3,118	3,069
Cases terminated [1]	**5,771**	**10,699**	**16,000**	**16,426**	**17,784**	**17,714**	**18,928**	**20,887**	**25,066**	**27,984**	**28,660**
Criminal	1,014	2,581	4,005	4,238	4,554	4,461	4,320	3,993	4,192	4,522	4,777
U.S. civil	1,229	1,912	3,094	2,853	3,198	3,437	3,857	4,346	5,021	5,508	5,585
Private civil	2,183	4,367	6,252	6,248	6,680	6,813	7,175	8,942	11,327	13,115	13,710
Administrative appeals	1,004	1,407	1,909	2,359	2,510	2,256	2,602	2,643	3,303	3,549	3,260
Cases disposed of [2]	**3,546**	**6,139**	**9,077**	**9,351**	**11,400**	**8,850**	**9,361**	**10,607**	**12,168**	**12,720**	**13,217**
Affirmed or granted	2,635	4,626	6,763	6,995	7,826	6,717	7,125	8,017	9,004	9,560	10,174
Reversed or denied	773	1,280	1,632	1,680	1,715	1,536	1,548	1,845	2,246	2,198	2,173
Other	138	233	682	676	1,859	597	688	745	918	1,022	870
Median months [3]	8.0	8.2	7.4	7.1	7.0	8.0	8.1	8.9	9.3	8.9	8.6

[1] Includes original proceedings and bankruptcy appeals not shown separately. [2] After hearing or submission. Beginning 1975, data not comparable with earlier years due to changes in criteria. [3] From filing of complete record to final disposition.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 304. U.S. District Courts—Trials: 1965 to 1983

[For years ending **June 30.** A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See footnote 1, table 306. See also *Historical Statistics, Colonial Times to 1970,* series H 1112-1118]

TYPE OF TRIAL	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**11,485**	**16,032**	**19,236**	**19,580**	**18,827**	**18,851**	**18,563**	**19,825**	**21,239**	**21,397**	**21,345**
Civil trials	7,613	9,449	11,603	11,656	11,605	11,515	11,764	13,191	14,697	14,753	14,689
Nonjury	4,459	6,076	7,903	8,098	7,792	8,326	8,348	9,254	10,047	10,074	9,712
Jury	3,154	3,371	3,700	3,558	3,813	3,189	3,416	3,937	4,650	4,679	4,977
Criminal trials	3,872	6,583	7,633	7,924	7,222	7,336	6,799	6,634	6,542	6,644	6,656
Nonjury	1,143	2,357	2,726	2,773	2,661	3,344	3,132	3,216	2,962	3,076	3,003
Jury	2,729	4,226	4,907	5,151	4,561	3,992	3,667	3,418	3,580	3,568	3,653

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 305. U.S. District Courts—Civil and Criminal Cases: 1965 to 1983

[**In thousands, except percent.** For years ending **June 30.** See also *Historical Statistics, Colonial Times to 1970,* series H 1097-1111]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Civil cases: Commenced	67.7	87.3	117.3	130.6	130.6	138.8	154.7	168.8	180.6	206.2	241.8
Cases terminated [1]	63.1	79.5	103.8	108.3	115.5	123.2	140.0	155.0	172.9	185.5	213.6
No court action	29.3	31.1	39.2	41.7	45.2	45.3	60.2	68.7	72.1	81.6	99.0
Court action, total	33.8	48.4	64.6	66.6	70.3	77.8	79.9	86.2	100.8	103.9	114.6
Before pretrial	17.1	29.4	40.3	41.6	43.5	48.7	49.7	53.8	61.1	67.3	75.9
Pretrial	9.4	11.0	15.6	16.2	17.7	19.7	20.5	22.4	28.3	25.3	27.1
Trials	7.3	8.0	8.7	8.8	9.0	9.4	9.6	10.1	11.4	11.3	11.6
Percent reaching trial	11.6	10.0	8.4	8.1	7.8	7.6	6.9	6.5	6.6	6.1	5.4
Criminal cases: Commenced [2]	31.6	38.1	41.1	39.1	39.8	34.6	31.5	28.0	30.4	31.6	34.7
Defendants disposed of [3]	33.7	36.4	49.2	51.6	53.2	45.9	41.2	36.6	38.1	40.5	43.3
Not convicted	5.0	8.2	11.8	11.5	11.7	9.4	8.3	8.0	8.3	8.2	7.7
Dismissed	3.8	6.6	10.3	9.8	10.0	7.8	6.8	6.6	7.0	7.1	6.6
Acquitted	1.2	1.6	1.5	1.7	1.8	1.6	1.5	1.3	1.3	1.2	1.2
Convicted	28.8	28.2	37.4	40.1	41.5	36.5	32.9	28.6	29.9	32.3	35.6
By guilty plea [4]	25.9	24.1	31.8	34.0	35.3	31.1	27.3	23.1	24.3	27.4	30.5
By court or jury	2.8	4.1	5.6	6.1	6.1	5.4	5.6	5.5	5.5	4.9	5.1
Imprisonment	13.7	12.4	17.3	18.5	19.6	17.4	14.6	13.2	13.7	15.9	17.9
Probation	10.8	11.4	17.9	18.2	16.1	14.5	13.5	11.1	12.2	12.7	14.1
Fine and other	4.3	4.4	2.2	3.4	5.8	4.6	4.9	4.4	4.0	3.7	3.6

[1] Excludes land condemnation cases. [2] Excludes transfers. [3] Includes DC, beginning 1975; Guam and Virgin Islands beginning 1977; Northern Mariana Islands beginning 1978; and Canal Zone, 1977 through 1982. [4] Includes nolo contendere.

No. 306. U.S. District Courts—Civil Cases Commenced and Terminated: 1983

[For year ending **June 30**]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total [1]	Percent reaching trial
Total	**241,842**	**215,356**	**99,607**	**115,749**	**76,408**	**27,283**	**12,058**	**5.6**
U.S. cases [2]	**95,803**	**83,811**	**48,898**	**34,913**	**29,523**	**3,353**	**2,037**	**2.4**
Contract actions	47,052	41,663	33,909	7,754	7,082	503	169	.4
Real property actions	5,672	6,171	2,865	3,306	2,400	401	505	8.2
Tort actions	3,084	3,147	1,192	1,955	877	642	436	13.9
Actions under statutes	39,982	28,810	9,143	19,667	17,478	1,462	727	2.5
Private cases [3]	**146,039**	**131,545**	**50,709**	**80,836**	**46,885**	**23,930**	**10,021**	**7.6**
Federal question	87,935	80,822	29,002	51,820	34,480	11,903	5,437	6.7
Diversity of citizenship [4]	57,421	50,083	21,228	28,855	12,342	11,978	4,535	9.1
Contract actions	29,782	26,563	12,201	14,362	6,965	5,410	1,987	7.5
Tort actions	24,871	20,910	7,855	13,055	4,424	6,235	2,396	11.5

[1] Indicates the number of cases terminated where there was a trial. Table 314 indicates the number of civil trials that were completed. The cases themselves may not have been terminated. [2] Includes prisoner petitions, land condemnations and deportations not shown separately. [3] Includes local jurisdiction cases and other actions not shown separately. [4] Includes real property actions not shown separately.

No. 307. U.S. District Courts—Criminal Cases Commenced and Defendants Disposed of, by Nature of Offense: 1982 and 1983

[For years ending **June 30**]

NATURE OF OFFENSE	1982		1983, cases commenced [1]	DISPOSITION OF DEFENDANTS, 1983							
				Not convicted		Convicted [2]			Sentenced		
	Cases commenced [1]	Defendants disposed of		Total	Acquitted	Total	Guilty plea [3]	By court or jury	Imprisonment	Probation	Fine and other
Total [4]	**31,624**	**40,466**	**34,681**	**7,738**	**1,172**	**35,591**	**30,523**	**5,068**	**17,886**	**14,097**	**3,608**
General offenses:											
Homicide	151	172	156	36	16	117	72	45	90	8	19
Robbery	1,428	1,745	1,333	169	33	1,360	1,077	283	1,269	88	3
Assault	579	606	543	165	33	436	325	111	273	147	16
Burglary	143	174	181	30	1	173	155	18	125	48	-
Larceny—theft	2,887	3,557	3,385	663	105	3,536	3,177	359	1,622	1,786	128
Embezzlement and fraud	6,780	7,976	7,661	1,338	265	7,828	6,925	903	3,054	4,565	209
Auto theft	369	519	347	90	15	461	392	69	320	140	1
Forgery, counterfeiting	2,128	2,280	2,322	387	51	2,365	2,138	227	1,309	1,047	9
Sex offenses	135	143	140	30	10	100	77	23	80	19	1
DAPCA [5]	4,192	7,981	5,024	1,674	281	7,490	5,774	1,716	5,449	1,893	148
Misc. general offenses	8,759	9,187	9,881	2,304	243	7,345	6,435	910	2,539	2,203	2,603

- Represents zero. [1] Excludes transfers. [2] Convicted and sentenced. [3] Includes nolo contendere. [4] Includes items not shown separately. [5] All marihuana, narcotics and controlled substances prosecutions under the Drug Abuse, Prevention and Control Act.

Source of tables 305-307: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 308. State Courts of General Jurisdiction—Cases, Courts, and Judges: 1980

[For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text, summary tables and individual profiles for all reported data, respectively: Illinois, Iowa, South Dakota, Idaho, and Washington, DC have a single-tier trial court which processes cases handled in both general and limited jurisdiction courts in other States]

Division and state	Beginning pending (1,000)	Filed (1,000)					Disposed (1,000)	Ending pending (1,000)	Courts		Number of judges
		Total	Civil	Criminal	Traffic	Juvenile			Number	Districts or courts	
New Eng.: ME	15.4	17.8	8.6	5.7	3.5	(X)	16.7	16.5	1	16	14
NH	(NA)	25.5	16.7	6.9	(X)	(X)	32.1	(NA)	1	10	15
VT	[1] 18.3	[1] 119.1	19.8	[1] 20.0	78.0	1.3	115.0	[1] 22.5	2	29	20
MA	(NA)	3,867.0	494.2	272.5	[2] 3,057.4	42.9	[2] 2,420.6	(NA)	1	69	258
RI	(NA)	11.6	7.2	4.4	(X)	(X)	[3] 3.5	(NA)	1	4	19
CT	[5] 104.9	630.4	160.0	109.2	344.8	16.4	[5] 524.6	[5] 112.5	1	48	113
Middle Atl.: NY	[6] 72.9	103.2	68.2	35.0	(X)	(X)	117.0	[6] 60.2	2	68	367
NJ	99.4	106.4	80.5	25.9	(X)	(X)	107.2	98.6	1	21	215
PA	111.0	364.3	239.0	82.0	(X)	43.4	320.9	155.5	1	59	310
E. No. Cent.: OH	[7] 199.4	515.1	262.8	39.2	(X)	213.1	507.1	[7] 207.5	1	88	321
IN	304.9	437.7	239.9	57.7	113.5	26.5	406.9	335.6	2	129	181
IL	[8] 726.8	7,856.8	[8] 723.3	[8] 649.2	[8] 6,452.7	[8] 31.6	5,342.3	[8] 758.4	1	21	652
MI	547.0	598.7	203.9	89.2	305.5	(X)	608.4	586.9	3	54	186
WI	(NA)	[9] 392.3	219.0	66.0	94.4	[9] 12.9	[9] 358.6	(NA)	1	69	190
W. No. Cent.: MN	[10] 6.9	[10] 32.2	21.0	11.2	(X)	(NA)	[10] 24.3	[10] 9.0	1	10	72
IA	[11] 152.0	[11] 528.3	195.0	[11] 166.3	161.5	5.5	[11] 530.3	[11] 149.1	1	8	297
MO	[12] 104.4	[12] 698.0	221.1	94.2	361.6	21.1	635.9	[12] 119.4	1	43	684
ND	[13] 5.3	19.5	3.1	12.0	1.3	5.7	19.9	[13] 5.8	1	7	24
SD	(NA)	168.8	34.5	[14] 11.6	[15] 117.3	5.4	143.7	(NA)	1	8	142
NE	[16] 17.5	[16] 34.3	[16] 28.0	[16] [17] 6.3	(X)	(X)	[16] 30.2	[16] 17.8	1	21	47
KS	[18] 40.4	446.9	117.0	27.0	274.0	28.9	[18] 398.7	[18] 44.9	1	29	210
So. Atl.: DE	12.8	10.3	7.2	3.1	(X)	(X)	9.9	13.2	2	6	14
MD	[1] 117.0	149.7	86.3	39.4	(X)	23.9	150.3	[1] 116.4	1	29	97
DC	37.2	196.4	146.2	33.5	11.3	5.3	198.4	35.2	1	1	44
VA	123.2	139.0	78.7	60.3	(X)	(X)	129.4	132.9	1	31	111
WV	53.7	59.7	45.2	7.3	(X)	7.2	57.4	56.0	1	31	60
NC	98.8	139.4	77.6	61.8	(X)	(X)	133.0	105.2	1	32	[19] 66
SC	30.5	72.5	38.4	34.1	(X)	(X)	75.1	27.9	1	16	31
GA	[20] 136.3	[20] 181.5	[20] 115.3	[20] 48.7	[20] 17.5	(X)	[20] 162.3	[20] 136.0	1	42	109
FL	(NA)	522.9	275.2	126.0	(X)	121.7	463.6	(NA)	1	20	302
E. So. Cent.: KY	(NA)	80.8	69.2	11.6	(X)	(X)	73.7	(NA)	1	56	87
TN	119.5	128.1	93.5	31.5	3.1	(X)	113.8	133.8	4	69	115
AL	59.1	123.1	76.5	26.9	(X)	19.8	119.5	62.7	1	39	113
MS	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	40	71
W. So. Cent.: AR	[21] 70.3	92.9	76.5	[22] 16.5	(X)	(X)	89.0	[21] 67.6	2	40	63
LA	(NA)	478.2	161.9	316.3	(X)	(X)	(NA)	(NA)	1	40	163
OK	[23] 272.6	496.3	198.8	62.3	227.0	8.2	470.1	[23] 298.3	1	25	198
TX	427.2	439.8	333.9	97.0	(X)	8.9	384.3	482.7	2	310	310
Mt.: MT	19.5	31.3	27.3	2.8	(X)	1.3	26.9	24.0	1	19	29
ID	54.6	321.9	[24] 53.2	32.9	227.7	8.1	317.3	59.2	2	14	96
WY	[25] 5.2	15.8	13.0	1.7	(X)	1.0	[25] 12.2	[25] 5.7	1	9	15
CO	110.6	142.0	107.6	17.5	(X)	16.9	127.0	125.7	2	29	106
NM	31.7	55.2	45.3	5.2	(X)	4.4	54.3	32.6	1	13	44
AZ	[26] 89.2	[26] [27] 109.1	[27] 91.6	16.4	(X)	[25] 1.1	[26] 103.3	[26] 96.0	1	14	81
UT	31.6	33.4	30.6	2.8	(X)	(X)	28.0	37.4	1	7	24
NV	[28] 25.1	[28] 28.9	(X)	[28] 4.1	(X)	(X)	[28] 24.9	[28] 29.2	1	9	25
Pac.: WA	(NA)	158.8	117.9	17.9	(X)	23.0	122.3	(NA)	1	28	117
OR	[29] 54.8	99.0	68.5	19.1	(X)	11.4	[29] 74.6	[29] 62.0	2	21	76
CA	(NA)	710.7	548.4	60.4	(X)	101.9	562.0	(NA)	1	58	705
AK	[30] 14.9	12.9	10.4	1.2	(X)	1.2	12.0	[30] 9.9	1	4	21
HI	37.9	35.7	24.8	2.5	.1	8.4	32.1	42.1	3	4	25

NA Not available. X Not applicable.

[1] Excludes sentence review only cases. [2] Excludes DWI/DUI cases in the District Court Department. [3] Excludes District Court Department criminal appeals to jury of six sessions, decriminalized traffic complaints from the Municipal Court Department, and any cases from the Juvenile Court Department. [4] Excludes civil cases and criminal appeals. [5] Excludes small claims cases except those handled by the Housing Sessions. [6] Excludes misdemeanor indictments inside New York City or felony/misdemeanor indictments outside New York City. [7] Excludes wrongful death, adoption, birth records, minor's settlement, mental health, and name change cases. [8] Excludes conservation and ordinance violations, misdemeanors in nonsuburban Cook County and traffic cases. [9] Juvenile data were not available for the first six months of the year for all counties except Milwaukee.

[10] Pending figures exclude criminal and juvenile cases. Filed and disposed totals exclude juvenile cases. [11] Pending figures exclude estate, juvenile, domestic relations, and preliminary hearing cases. Filed figure excludes preliminary hearing cases. [12] No data were available for cases handled by municipal judges. Pending data exclude small claims, estate, nonfelony criminal, traffic, and other civil cases handled by associate circuit judges. [13] Excludes other domestic relations, estate, juvenile traffic, and other juvenile cases. [14] Criminal filings exclude Class 2 misdemeanor cases. Disposed figure excludes adoption, probate, mental health, other civil, and juvenile cases.

[15] Traffic figure includes approximately 20 percent criminal cases. [16] No data were available for courts in two counties. Civil filed figure excludes civil appeals. [17] Criminal filed figure includes civil appeals. [18] Pending figures exclude small claims, adoption, mental health, estate, traffic, and juvenile cases. Disposed figure excludes small claims, adoption, mental health, and informal juvenile cases. [19] Eight special judges and 100 clerks also handle cases.

[20] Excludes data from the court in Cobb County. [21] Pending and disposed figures exclude adoption, guardianship/conservatorship/trusteeship, other estate, and mental health cases. [22] Criminal figures include a nominal number of juvenile cases and appeals. [23] Excludes felony postconviction appeals. [24] Figure may include some juvenile appeals.

[25] Excludes estate and juvenile cases.

[26] No adoption or juvenile data from Maricopa County are included. [27] Excludes mental health cases. [28] Data were available from the 2d District (Washoe County) only. This county contains approximately one-third of the total State population. [29] Excludes adoption, mental health, and juvenile cases. [30] Excludes traffic or nonfelony criminal cases.

Source: National Center for State Courts, Williamsburg, VA, *State Court Caseload Statistics: Annual Report 1980.*

NO. 309. ADULTS UNDER CORRECTIONAL SUPERVISION, 1979 TO 1982, AND BY STATE, 1982

[**In thousands, except rate.** As of **Dec. 31**, except as noted. Excludes juveniles, persons incarcerated in mental health institutions in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdiction, parolees whose sentences were for 1 year or less, and court probationers (those not placed under the supervisory authority of a probation agency). For composition of regions, see fig. I, inside front cover]

YEAR, REGION, DIVISION, AND STATE	Resident population[1]	PERSONS UNDER CORRECTIONAL SUPERVISION					RATE PER 10,000 ADULT RESIDENTS				
		Total	Jail[2]	Prison[3]	Parole[4]	Probation[5]	Total	Jail[2]	Prison[3]	Parole[4]	Probation[5]
1979	157,529	1,778.6	179.0	314.5	217.7	1,067.5	113	11	20	14	68
1980	162,762	1,880.4	191.0	329.8	222.0	1,137.5	115	12	20	14	70
1981	166,147	2,040.2	203.0	368.8	226.2	1,242.3	123	12	22	14	75
1982, U.S. total[6]	**168,770**	**2,119.4**	**223.6**	**384.7**	**223.9**	**1,287.3**	**131**	**13**	**25**	**14**	**79**
Regions:											
Northeast	36,919	386.1	36.6	60.2	47.7	241.5	105	10	16	13	65
Midwest	42,639	398.9	39.5	78.5	41.7	239.2	94	9	18	10	56
South	56,515	897.5	89.5	180.9	90.9	536.1	159	16	32	16	95
West	32,697	436.9	57.9	65.0	43.5	270.5	134	18	20	13	82
New England	**9,358**	**94.2**	**4.3**	**13.5**	**6.3**	**70.1**	**101**	**5**	**14**	**7**	**75**
Maine	824	4.7	.6	1.0	.1	3.0	58	7	12	2	37
New Hampshire	697	3.7	.5	.4	.5	2.3	52	7	6	7	32
Vermont	376	4.2	–	.6	.2	3.4	113	–	16	7	90
Massachusetts	4,366	33.5	3.3	4.6	3.8	21.8	77	8	11	9	50
Rhode Island	725	7.9	–	1.0	.3	6.5	108	–	14	4	90
Connecticut	2,370	40.2	–	5.8	1.3	33.1	170	–	25	6	139
Middle Atlantic	**27,561**	**291.9**	**32.3**	**46.7**	**41.4**	**171.5**	**106**	**12**	**17**	**15**	**62**
New York	13,151	140.0	16.2	28.0	20.9	75.0	106	12	21	16	57
New Jersey	5,534	64.6	6.0	8.2	10.5	39.9	117	11	15	19	72
Pennsylvania	8,876	87.2	10.2	10.5	10.0	56.5	98	11	12	11	64
East North Central	**30,035**	**287.6**	**30.2**	**60.3**	**33.6**	**163.5**	**96**	**10**	**20**	**11**	**54**
Ohio	7,818	65.5	7.1	17.3	8.6	32.4	84	9	22	11	41
Indiana	3,926	36.5	3.6	8.8	2.7	21.4	93	9	22	7	55
Illinois	8,310	96.6	8.8	14.3	11.9	61.5	116	11	17	14	74
Michigan	6,530	57.5	7.6	15.2	7.1	27.5	88	12	23	11	42
Wisconsin	3,451	31.5	3.0	4.7	3.3	20.5	91	9	14	10	60
West North Central	**12,604**	**111.4**	**9.3**	**18.3**	**8.1**	**75.7**	**88**	**7**	**14**	**6**	**60**
Minnesota	2,993	26.9	2.0	2.1	1.5	21.4	90	7	7	5	72
Iowa	2,109	15.3	.8	2.8	1.1	10.6	73	4	13	5	50
Missouri	3,629	36.1	3.8	7.4	3.3	21.6	100	10	21	9	60
North Dakota	477	1.9	.2	.3	.2	1.2	39	5	7	3	24
South Dakota	490	2.9	.3	.8	.3	1.5	59	6	16	6	30
Nebraska	1,145	10.5	.8	1.7	.3	7.6	91	7	15	2	67
Kansas	1,761	17.7	1.3	3.1	1.6	11.8	101	8	17	9	67
South Atlantic	**28,227**	**459.5**	**45.3**	**96.9**	**38.5**	**278.8**	**163**	**16**	**34**	**14**	**99**
Delaware	443	7.3	–	2.1	.6	4.6	165	–	47	14	104
Maryland	3,154	74.2	4.6	11.0	6.0	52.6	235	15	35	19	167
District of Columbia	494	17.6	2.8	4.1	3.7	6.9	356	58	83	75	140
Virginia	4,053	36.9	5.7	10.1	6.5	14.7	91	14	25	16	36
West Virginia	1,405	6.1	1.0	1.7	.6	2.7	43	7	12	4	20
North Carolina	4,402	71.3	3.5	16.6	6.9	44.3	162	8	38	16	101
South Carolina	2,278	34.1	2.7	9.1	3.3	19.0	150	12	40	14	83
Georgia	4,011	106.5	10.2	14.4	4.9	77.0	266	25	36	12	192
Florida	7,987	105.5	14.7	27.8	6.0	57.1	132	18	35	7	71
East South Central	**10,579**	**107.3**	**16.7**	**26.7**	**18.9**	**45.1**	**101**	**16**	**25**	**18**	**43**
Kentucky	2,625	32.3	3.7	4.1	10.0	14.5	123	14	16	38	55
Tennessee	3,390	27.5	6.0	7.9	3.6	10.1	81	18	23	11	30
Alabama	2,812	30.3	4.5	9.2	2.4	14.2	108	16	33	8	51
Mississippi	1,752	17.2	2.5	5.5	2.9	6.3	98	14	31	17	36
West South Central	**17,709**	**330.6**	**27.5**	**57.4**	**33.5**	**212.2**	**187**	**16**	**32**	**19**	**120**
Arkansas	1,642	11.4	1.6	3.9	3.1	2.8	69	10	24	19	17
Louisiana	3,020	38.8	8.5	10.9	2.0	17.4	128	28	36	6	58
Oklahoma	2,296	25.5	2.2	6.4	2.2	14.7	111	10	28	9	64
Texas	10,751	254.9	15.2	36.1	26.3	177.3	237	14	34	24	165
Mountain	**8,402**	**90.2**	**10.2**	**17.4**	**7.2**	**55.4**	**107**	**12**	**21**	**9**	**66**
Montana	570	4.3	.4	.9	.7	2.4	76	7	16	12	42
Idaho	655	5.0	.6	1.0	.4	2.9	76	9	16	6	45
Wyoming	347	2.5	.3	.7	.2	1.3	73	10	20	7	36
Colorado	2,219	21.6	2.7	3.0	1.2	14.8	97	12	14	5	66
New Mexico	937	7.8	1.3	1.7	1.2	3.5	83	14	18	13	38
Arizona	2,049	26.4	2.9	6.1	1.5	15.9	129	14	30	7	78
Utah	974	11.7	.9	1.2	.9	8.6	120	9	12	10	88
Nevada	651	10.9	.9	2.7	1.0	6.2	167	14	42	15	95
Pacific	**24,295**	**346.7**	**47.7**	**47.6**	**36.4**	**215.1**	**143**	**20**	**20**	**15**	**89**
Washington	3,105	60.4	3.6	6.3	15.4	35.0	194	12	20	50	113
Oregon	1,938	23.4	2.3	3.9	1.5	15.7	121	12	20	8	81
California	16,239	252.2	41.7	34.6	18.9	156.9	138	23	19	10	86
Alaska	297	3.3	(z)	1.3	.1	1.8	110	1	44	3	61
Hawaii	716	7.6	–	1.4	.4	5.7	106	–	20	6	80

– Represents zero. Z Fewer than 50. [1] 18 years and over; 1979, 1981, and 1982, as of July 1; 1980, as of April 1. [2] The total yearend adult jail populations are estimates; for interpolation procedures, see source. The most recently collected State data are for February 15, 1978. Includes both convicted and unconvicted adults held in locally operated jails. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont had integrated jail/prison systems; the total incarcerated population appears as the prison population. [3] Includes all inmates of Federal and State institutions. Data from Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31.* [4] Includes all adults under Federal or State parole supervision, whether released from prison via parole board decision or mandatory release, who were sentenced to more than 1 year in prison. [5] Includes all adults who, as part of a Federal, State, or local court order, have been placed under the supervisory authority of a probation agency. [6] Includes both State and Federal.

Source: National Council on Crime and Delinquency, *Parole in the United States,* annual; and *Probation in the United States,* annual.

No. 310. Juveniles Held in Custody—Public and Private Juvenile Residents and Facilities: 1977 to 1982

[As of **December**]

Characteristic	Unit	Public custody			Private custody		
		1977	1979	1982	1977	1979	1982
Number of residents [1]	Number	45,920	45,396	50,799	29,377	28,717	31,473
Juvenile [2]	Number	44,096	43,234	48,701	29,070	28,688	31,390
Male	Number	36,921	37,167	42,182	20,387	20,512	22,242
Female	Number	7,175	6,067	6,519	8,683	8,176	9,148
White	Number	27,963	26,053	27,805	21,917	21,654	22,377
Black	Number	14,865	13,752	18,020	6,005	5,843	7,822
Average age [3]	Year	15.3	15.3	15.4	14.9	14.9	14.9
Number of admissions (all residents) [4]	Number	614,385	568,802	536,122	67,045	69,507	88,806
Number of departures (all residents) [4]	Number	622,151	560,751	528,552	61,571	64,574	84,399
Average daily residents [4]	Number	48,032	47,803	50,399	29,611	28,566	31,685
Facilities, total	Number	992	1,015	1,023	1,600	1,561	1,877
Occupancy less than 70 percent	Percent	32	34	30	20	22	22
70-100 percent	Percent	59	56	56	78	76	76
More than 100 percent	Percent	9	10	14	2	2	2
Personnel, total [5]	Number	61,060	61,108	58,654	30,918	32,921	37,411
Expenditures	Mil. dol	707.7	842.5	1,148.3	384.3	465.2	719.0
Capital	Mil. dol	29.4	53.3	43.3	21.0	25.9	45.5
Operating	Mil. dol	678.4	789.2	1,105.0	363.3	439.3	673.5
Per capita operating cost [6]	$1,000	14.1	16.5	21.9	12.3	15.4	21.3

[1] Includes adults. [2] Includes races not reported and races not shown. [3] Based on juvenile residents only. [4] Juvenile and adult. [5] 1977 and 1979, includes community volunteers; 1982, generally includes volunteers; excludes 4,600 in California, and large but unspecified numbers in Ohio and South Carolina. [6] Based on average daily residents.

Source: 1977 and 1979, U.S. Law Enforcement Assistance Administration, unpublished data from the 1979 Census of Juvenile Detention, Correctional and Shelter Facilities; 1982, U.S. Office of Juvenile Justice and Delinquency Prevention, *Children in Custody: Advance Report on the 1982 Census of Public Juvenile Facilities* and *Children in Custody: Advance Report on the 1982 Census of Private Juvenile Facilities.*

No. 311. Children's Cases Disposed of by Juvenile Courts: 1960 to 1981

[For definition of delinquency cases, see text, p. 164. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970,* series H 1119-1124]

Item	Unit	1960	1965	1970	1975	1978	1979	1980	1981
Population 10-17 years old [1]	1,000	25,368	29,536	32,614	33,960	32,276	31,643	31,171	30,725
Delinquency cases excluding traffic [2]	1,000	510	697	1,052	1,317	1,359	1,374	1,445	1,350
Per 1,000 population 10-17 years old	Rate	20.1	23.6	32.3	38.8	42.1	43.4	46.4	44.0
Male	1,000	415	555	800	1,002	1,055	1,058	1,121	1,024
Female	1,000	99	142	252	315	304	316	324	326
Percent of total cases	Percent	19.3	20.4	24.0	23.9	22.4	23.0	22.0	24.0
Population under 18 years old [3]	1,000	64,516	69,699	70,810	68,314	65,982	65,335	64,908	64,405
Dependency and neglect cases [2]	1,000	131	157	133	143	158	157	153	185
Per 1,000 population under 18 years old	Rate	2.0	2.3	1.9	2.1	2.4	2.5	2.3	2.9

[1] U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1. Beginning 1978, includes number of children from age 10 to the upper age of jurisdiction for each State. [2] 1960 and 1965 delinquency cases based on data from a national sample of juvenile courts. Beginning 1970, data from all courts reporting provided the basis for the national estimates. [3] U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1.

Source: National Center for Juvenile Justice, Pittsburgh, Pa., *Juvenile Court Statistics,* annual.

No. 312. Jails—Summary: 1978 and 1983

[As of **February.** Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Connecticut, Delaware, Hawaii, Rhode Island, and Vermont; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, inside front cover]

Characteristic	United States	Northeast	Midwest	South	West
1978: Jails	**3,493**	**207**	**1,042**	**1,678**	**566**
With less than 50 inmates	2,844	109	933	1,380	422
With 50-249 inmates	519	75	89	249	106
With 250 or more inmates	130	23	20	49	38
With inmates being held for other authorities because of overcrowding	630	42	98	439	51
Number of inmates	158,394	24,228	28,452	67,444	38,270
1983: Jails	**3,338**	**223**	**972**	**1,607**	**536**
Number of inmates, total	223,551	36,634	39,538	89,479	57,900
Male	207,782	34,615	37,000	83,696	52,471
Female	15,769	2,019	2,538	5,783	5,429
Adults	221,815	36,315	39,200	88,639	57,661
Juveniles	1,736	319	338	840	239

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978;* and unpublished data.

No. 313. Jail Inmates—Selected Characteristics: 1978

[See headnote, table 312]

Characteristic	Total[1]	White	Black	Characteristic	Total[1]	White	Black
Total inmates[2]	**158,394**	**89,418**	**65,104**	Type of offense:			
				Violent	46,944	20,163	25,546
Male	148,839	84,752	60,474	Property	65,455	38,496	25,670
Female	9,555	4,666	4,630	Drug	13,586	8,680	4,726
Median age (years)	25.3	25.0	25.6	Public order	30,088	20,597	8,363
Educational attainment:				Legal representation:			
Less than 12 years	96,265	53,084	40,923	With counsel	51,572	27,318	23,345
12 years or more	61,943	36,163	24,165	Without counsel	14,443	8,879	5,052
Median	10.2	10.2	10.2	Detention status:			
Prearrest employment status:				Unconvicted inmates	66,936	36,677	28,799
Employed	89,526	51,193	36,195	Bail status:			
Not employed	68,101	37,858	28,555	Set	54,304	29,305	23,861
With prearrest income	147,736	83,622	60,592	Not set	11,607	8,848	4,441
Median income (dollars)	3,714	4,184	2,986	Convicted inmates	91,411	52,698	36,300
Without prearrest income	10,659	5,796	4,512	Method of conviction:			
Military service:				Pleaded guilty	70,045	42,538	25,682
Served	39,861	26,696	12,120	Judged guilty	20,075	9,668	9,916
Never served	118,486	62,716	52,942				

[1] Includes races other than White and Black. [2] Detail may not add to total because some items are unavailable or unknown.

Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates: Sociodemographic Findings from the 1978 Survey of Inmates of Local Jails*, October 1980.

No. 314. State Correctional Facilities—Characteristics, by Type of Institution: 1979

[In thousands, except as indicated. A unit was designated as overcrowded if it was smaller than 60 square feet or if it provided less than 60 square feet of floor space per inmate]

Characteristic	Total	Confinement	Community based	Characteristic	Total	Confinement	Community based
All facilities (number)	791	568	223	Full-time staff	94.4	91.1	3.3
Inmates[1]	274.6	263.6	11.0	Part-time staff	2.7	2.5	.2
Maximum security	109.7	109.7	–	One-person units	129.5	128.3	1.2
Medium security	98.2	98.2	–	Percent overcrowded	58	58	8
Minimum security	62.2	51.2	11.0	Multiple-person units	13.3	12.9	.5
Permitted to depart each day[2]	13.6	4.2	9.4	Percent overcrowded	89	90	75
On study release	.9	.4	.5	Dormitories	10.9	8.3	2.7
On work release	12.0	3.4	8.6	Percent overcrowded	18	20	11

– Represents zero. [1] Includes others, not shown separately and not classified. [2] Unaccompanied.

Source: U.S. Bureau of Justice Statistics, *1979 State Correctional Facilities Census.*

No. 315. Federal and State Parole Population: 1976 to 1982

[As of **Dec. 31.** *1982 data are preliminary*]

Item	1976	1977	1978	1979	1980	1981	1982[1]
Parole population	166,100	*198,000*	*199,600*	*217,700*	*222,000*	*225,600*	*243,900*
Entries to parole	95,400	109,000	109,800	119,600	125,400	126,300	142,700
Removals from parole	92,400	95,300	109,700	99,600	117,300	122,200	124,400

Source: U.S. Bureau of Justice Statistics, *Parole in the United States*, annual; and *Probation and Parole 1982*, September 1983.

No. 316. Federal and State Prisoners: 1950 to 1983

[Prior to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning **1977,** includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to **1979.** Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970*, series H 1135-1140]

Year	Present at end of year						Received from courts					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]
1950	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1960	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970	196,429	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1980	315,974	139.2	20,611	9.1	295,363	130.1	142,122	62.7	10,907	4.8	131,215	57.9
1982	395,516	170.6	23,652	10.2	371,864	160.4	177,109	76.1	12,461	5.4	164,648	70.7
1983	417,721	178.5	26,331	11.2	393,390	168.1	187,408	80.1	14,119	6.0	173,289	74.1

[1] Rate per 100,000 estimated population.

Source: U.S. Bureau of Justice Statistics; *Prisoners in State and Federal Institutions on December 31*, annual.

No. 317. Prisoners Under Jurisdiction of State and Federal Correctional Authorities—Summary, by State: 1980 to 1983

[For years ending Dec. 31, except as noted]

Sex, region, and division	1980, total	1982, total	1983				Sentenced to more than one year			
									1983	
			Total prisoners	Highest reported capacity	Prisoners as percent of capacity[1]	Early releases[2]	1980	1982	Total	Rate per 100,000 population[3]
U.S.	**329,821**	**414,362**	**438,830**	**421,187**	**110**	**21,420**	**315,974**	**395,948**	**419,820**	**179**
Male	316,401	396,439	419,811	(NA)	(NA)	(NA)	303,643	379,374	402,391	352
Female	13,420	17,923	19,019	(NA)	(NA)	(NA)	12,331	16,574	17,429	14
Federal institutions [4]	24,363	29,673	31,926	30,291	116	(NA)	20,611	23,652	26,331	11
State institutions	305,458	384,689	406,904	390,896	110	21,420	295,363	372,296	393,489	167
Region:										
Northeast	45,796	60,203	65,680	61,886	112	(NA)	43,165	57,181	63,076	127
Midwest	66,211	78,549	81,640	76,163	111	8,539	64,494	77,353	79,624	135
South	146,358	180,946	186,373	184,463	104	11,665	142,650	175,145	180,348	225
West	47,093	64,991	73,211	68,384	122	1,216	45,054	62,617	70,441	152
N. Eng	**9,926**	**13,539**	**13,215**	**12,330**	**118**	(NA)	**7,850**	**10,778**	**10,729**	**86**
ME	814	999	1,049	854	114	(NA)	671	781	858	75
NH	326	445	479	[5] 490	[5] 107	–	326	445	479	50
VT [6]	480	599	497	586	93	–	342	435	378	72
MA [7 8]	3,185	4,623	4,559	3,339	141	–	3,150	4,527	4,559	79
RI [6]	813	1,037	1,157	1,248	98	–	611	781	878	92
CT [5]	4,308	5,836	5,474	5,813	112	–	2,750	3,809	3,577	114
Mid. Atl	**35,870**	**46,664**	**52,465**	**49,556**	**111**	–	**35,315**	**46,403**	**52,347**	**141**
NY	21,815	27,951	30,489	31,182	107	–	21,639	27,951	30,489	172
NJ	5,884	[8] 8,191	10,209	8,857	111	–	5,564	7,990	10,159	136
PA	8,171	10,522	11,767	9,517	124	–	8,112	10,462	11,699	98
E. No. Cent	**51,175**	**60,294**	**62,001**	**55,193**	**116**	**8,539**	**49,598**	**59,455**	**60,425**	**146**
OH	13,489	17,317	17,766	16,417	108	–	13,489	17,317	16,886	155
IN	6,583	8,790	9,360	6,424	146	1,101	6,281	8,295	8,973	164
IL	11,899	14,293	15,595	15,318	115	2,851	10,724	13,949	15,522	135
MI	15,124	15,224	14,382	13,048	110	4,290	15,124	15,224	14,382	159
WI	3,980	4,670	[9] 4,898	[9] 3,986	[9] 123	[9] 297	3,980	4,670	[9] 4,862	[9] 102
W. No. Cent	**15,036**	**18,255**	**19,639**	**20,970**	**99**	(NA)	**14,896**	**17,898**	**19,199**	**110**
MN	2,001	2,081	2,156	2,405	90	–	2,001	2,081	2,156	52
IA [10]	2,481	2,629	2,814	2,816	105	–	2,479	2,709	2,676	92
MO	5,726	7,445	8,053	8,855	91	–	5,726	7,445	8,053	162
ND	253	322	410	471	87	(NA)	185	276	350	51
SD	635	781	824	996	107	–	609	755	807	115
NE	1,446	1,709	1,677	1,541	122	–	1,402	1,554	1,452	91
KS	2,494	3,078	3,705	3,886	119	–	2,494	3,078	3,705	152
So. Atl	**78,815**	**96,924**	**97,520**	**97,053**	**107**	**4,250**	**75,391**	**91,904**	**92,222**	**236**
DE [6]	1,474	2,062	2,190	2,045	107	245	1,087	1,507	1,659	273
MD	7,731	11,012	12,606	12,416	123	–	7,731	10,427	11,968	277
DC [6]	3,145	4,081	4,344	[5] 3,355	[5] 123	(NA)	2,719	3,351	3,465	558
VA [11]	8,920	10,079	10,093	9,544	105	(NA)	8,581	9,715	9,855	177
WV	1,257	1,729	1,628	[5] 1,539	[5] 105	–	1,257	1,729	1,628	83
NC	15,513	16,578	15,395	16,261	95	(NA)	14,456	15,358	14,257	233
SC	7,862	9,137	9,583	7,630	129	57	7,427	8,629	9,076	276
GA	12,178	14,416	15,347	15,534	99	1,530	11,922	14,049	14,929	259
FL	20,735	27,830	26,334	28,729	110	2,418	20,211	27,139	25,385	235
E. So. Cent	**21,055**	**26,663**	**28,948**	**25,076**	**111**	**297**	**20,771**	**25,886**	**28,628**	**191**
KY [5]	3,588	4,077	4,738	4,754	95	(NA)	3,588	4,077	4,738	127
TN	7,022	7,869	8,768	7,982	122	259	7,022	7,869	8,768	187
AL	6,543	9,233	9,858	7,783	114	–	6,368	8,581	9,641	243
MS	3,902	5,484	5,586	4,557	101	38	3,793	5,359	5,481	211
W. So. Cent	**46,488**	**57,359**	**59,905**	**62,334**	**96**	**7,118**	**46,488**	**57,355**	**59,498**	**228**
AR	2,911	3,925	4,183	4,184	100	–	2,911	3,921	4,167	179
LA	8,889	10,935	12,976	10,699	100	–	8,889	10,935	12,976	290
OK	4,796	6,350	7,487	7,666	123	(NA)	4,796	6,350	7,096	212
TX [10]	29,892	36,149	35,259	39,785	91	7,118	29,892	36,149	35,259	221
Mt	**13,141**	**17,420**	**19,604**	**17,915**	**112**	**336**	**13,024**	**17,111**	**19,394**	**155**
MT	739	914	850	767	130	9	738	914	850	104
ID	817	1,047	1,206	896	134	–	817	1,047	1,205	121
WY	534	702	721	701	115	(NA)	534	702	721	138
CO	2,629	3,042	3,450	3,049	106	–	2,609	3,042	3,450	109
NM	1,279	1,718	2,013	1,950	103	–	1,199	1,447	2,013	142
AZ	4,372	6,069	6,889	6,021	114	188	4,360	6,048	6,693	223
UT	932	1,216	1,275	1,346	105	139	928	1,199	1,262	77
NV	1,839	2,712	3,200	3,185	113	–	1,839	2,712	3,200	354
Pac	**33,952**	**47,571**	**53,607**	**50,469**	**128**	**880**	**32,030**	**45,506**	**51,047**	**158**
WA	4,398	6,322	6,701	6,172	129	847	4,399	6,322	6,701	155
OR	3,177	3,867	4,181	3,494	150	–	3,172	3,867	4,181	157
CA [10]	24,569	34,640	39,360	37,986	124	(NA)	23,264	33,583	38,025	150
AK [6]	822	1,306	1,634	1,429	130	33	571	856	1,075	219
HI [6]	985	1,436	1,731	1,388	155	–	624	878	1,065	103

– Represents zero. NA Not available. [1] Average of highest and lowest capacity reported. Excludes persons housed in local jails. [2] Number of prisoners released because of overcrowding. [3] Unpublished Bureau of the Census estimates as of Dec. 31, 1983 for the resident population were used to calculate rates. [4] Includes persons held under jurisdiction of the Immigration and Naturalization Service (1,203 in 1982 and 1,134 in 1983). [5] Males only. [6] Includes both jail and prison inmates (State has combined jail and prison system). [7] Massachusetts cannot distinguish inmates by sentence length for 1983; therefore, rate based on total inmates. Yearend 1983 data are for December 30, 1983. [8] Excludes State prisoners held in local jails because of overcrowding. [9] Yearend January 19, 1984. [10] Excludes inmates under State jurisdiction but not in State custody; excludes adult inmates under jurisdiction of the California Youth Authority. [11] Yearend 1983 data are for January 1, 1984.

Source: U.S. Bureau of Justice Statistics, *Prisoners in 1983*, April 1984 and earlier reports.

No. 318. Average Time Served by Prisoners Released From Federal Institutions for First Time: 1965 to 1983

[For years ending **June 30**; except beginning **1977**, years ending **September 30**. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

Year and offense	All first releases [1]			Parole [1]			Expiration of sentence [1 2]			YCA [3] releases	
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)
		Sentence	Served		Sentence	Served		Sentence	Served		
1965, all offenses	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6
1970, all offenses	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7
1975, all offenses	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.6	1,136	21.6
1976, all offenses	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7
1977, all offenses	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,098	21.9
1978, all offenses	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
1979, all offenses	10,925	44.1	21.0	3,766	85.1	32.6	7,159	22.4	14.9	1,008	25.3
1980, all offenses	9,069	33.9	15.9	2,440	83.8	31.0	6,629	15.5	10.3	468	24.5
1981, all offenses	9,884	41.0	17.9	3,495	83.9	30.2	6,389	17.6	11.1	650	25.0
1982, all offenses	11,348	36.6	16.3	3,554	81.7	29.1	7,794	16.0	10.5	593	21.8
1983, all offenses [4]	**11,896**	**35.4**	**15.9**	**4,263**	**69.8**	**27.0**	**7,633**	**16.3**	**9.7**	**545**	**20.0**
Counterfeiting	254	33.1	14.8	125	45.7	18.7	129	20.9	11.0	16	16.5
Drug laws	2,859	43.8	19.4	1,449	61.5	24.8	1,410	25.5	14.0	119	15.8
Embezzlement	294	18.6	9.6	105	34.4	15.5	189	9.9	6.4	19	9.6
Escape, flight, or harboring a fugitive	108	29.7	20.2	36	43.9	21.4	72	22.6	19.5	1	12.0
Firearms	560	31.0	16.9	234	44.8	21.1	326	21.1	13.9	18	20.3
Forgery	351	31.7	15.1	160	47.7	19.3	191	18.3	11.5	23	15.0
Fraud	887	20.9	11.9	296	37.3	19.8	591	12.7	7.9	15	7.2
Immigration	2,921	6.3	4.1	165	32.9	14.1	2,756	4.8	3.5	19	11.4
Income tax	252	14.1	7.7	62	30.7	13.3	190	8.6	5.8	–	–
Juvenile delinquency	2	9.0	6.5	–	–	–	2	9.0	6.5	–	–
Kidnapping	34	218.9	69.7	25	270.2	79.6	9	76.6	42.3	–	–
Larceny-theft	1,354	31.0	15.6	581	48.0	20.4	773	19.6	12.0	111	17.6
Motor vehicle, interstate	222	37.2	18.9	111	49.6	22.3	111	24.9	15.6	17	28.2
Liquor laws	9	14.0	9.0	3	26.0	11.3	6	8.0	7.8	–	–
Robbery	697	142.9	51.6	502	164.8	55.0	195	86.6	43.0	111	28.2
Securities, transporting false	25	52.7	26.4	13	76.4	35.6	12	27.0	16.5	–	–
White slave traffic	10	72.1	32.9	6	95.1	38.1	4	37.5	25.0	–	–
Military court-martial cases	16	70.8	32.4	7	140.5	61.5	9	16.6	9.7	–	–
Govt. reservation, high seas, territories, and DC	436	65.2	26.1	185	117.5	40.6	251	26.7	15.5	67	28.0

– Represents zero. [1] Excludes prisoners sentenced under Youth Corrections Act. [2] Includes mandatory release. [3] Youth Corrections Act. [4] Includes other offenses not shown separately. Excludes 575 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 390 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

No. 319. Prisoners Under Sentence of Death: 1975 to 1983

[As of **December 31**. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison. These data may not match data in table 320 because of revisions to totals but not to characteristics]

Characteristic	1975	1980	1981	1982	1983	Characteristic	1975	1980	1981	1982	1983
Total	**479**	**714**	**838**	**1,050**	**1,202**	Marital status:					
						Never married	217	268	327	413	484
White	214	427	488	604	690	Married	167	229	259	317	368
Black and other	265	287	350	446	512	Divorced [1]	95	217	252	320	350
Under 20 years	43	11	15	18	12	Time elapsed since sentencing:					
20-24 years	139	173	171	195	217	6 months or less	166	185	227	264	251
25-34 years	204	334	415	531	597	7-12 months	130				
35-54 years	83	186	224	294	359	13-47 months	155	389	416	525	622
55 years and over	10	10	13	12	17	48-71 months	13	102	110	150	186
						72 months and over	15	38	85	111	143
Completed school:											
7 years or less	71	68	74	81	99						
8 years	50	74	83	105	123	Legal status at arrest:					
9-11 years	167	204	247	318	358	Not under sentence	293	384	433	556	605
12 years	93	162	199	258	319	Parole or probation	51	115	147	182	225
More than 12 years	21	43	57	78	88	Prison or escaped	27	45	46	53	58
Unknown	77	163	178	210	215	Unknown	108	170	212	259	314

[1] Includes persons married but separated, widows, widowers, and unknown.

Source: 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

No. 320. Movement of Prisoners Under Sentence of Death: 1970 to 1983

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. As a result of a major procedural change, beginning 1976, all data except executions are not strictly comparable to corresponding data for earlier years. See source for explanation]

STATUS	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Under sentence of death, Jan. 1	575	244	488	420	423	482	593	691	856	1,063
Received death sentence [1]	133	322	249	159	209	172	198	245	264	252
White	66	145	144	82	123	104	122	130	151	151
Black	66	174	105	75	84	66	75	111	109	99
Dispositions other than executions	77	78	317	155	150	59	100	79	68	108
Executions	-	-	-	1	-	2	-	1	2	5
Under sentence of death, Dec. 31 [1]	631	488	420	423	482	593	691	856	1,050	1,202
White	293	218	225	229	281	354	422	497	604	690
Black	335	262	195	192	197	236	265	351	434	500

- Represents zero. [1] Includes persons other than White or Black.

No. 321. Prisoners Executed Under Civil Authority: 1930 to 1983

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970*, series H 1155-1167]

YEAR OR PERIOD	Total [1]	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES [2]		
				Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
All years	**3,870**	**1,760**	**2,068**	**3,345**	**1,673**	**1,632**	**455**	**48**	**405**	**70**	**39**	**31**
1930-1939	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949	1,284	490	781	1,064	458	595	200	19	179	20	13	7
1950-1959	717	336	376	601	316	280	102	13	89	14	7	7
1960-1964	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1982 [3]	6	5	1	6	5	1	-	-	-	-	-	-
1983	5	4	1	5	4	1	-	-	-	-	-	-

- Represents zero. [1] Includes races other than White or Black. [2] 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. [3] See footnotes 1 and 2, table 322.

No. 322. Prisoners Under Sentence of Death and Executed Under Civil Authority—States: 1940 to 1983

[No executions took place in Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, or Wisconsin from 1940 to 1981. At no time during this period was the death penalty authorized in Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. Alaska and Hawaii are included in these data only after attaining statehood in 1959. Since 1959, neither State has authorized the death penalty]

STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 [1]	1980 to 1983 [2]	STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 [1]	1980 to 1983 [2]	STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 [1]	1980 to 1983 [2]
Total [3]	**1,284**	**717**	**191**	**3**	**8**	IA	7	1	2	-	-	OH	51	32	7	-	-
						KS	5	5	5	-	-	OK	13	7	6	-	-
AL	50	20	5	-	1	KY	34	16	1	-	-	OR	12	4	1	-	-
AZ	9	8	4	-	-	LA	47	27	1	-	1	PA	36	31	3	-	-
AR	38	16	9	-	-	MD	45	6	1	-	-	SC	61	26	8	-	-
CA	80	74	30	-	-	MA	9	-	-	-	-	SD	1	-	-	-	-
CO	13	3	6	-	-	MS	60	36	10	-	1	TN	37	8	1	-	-
CT	10	5	1	-	-	MO	15	7	4	-	-	TX	74	74	29	-	1
DE	4	-	-	-	-	MT	1	-	-	-	-	UT	4	6	1	1	-
DC	16	4	-	-	-	NE	2	2	-	-	-	VT	1	2	-	-	-
FL	65	49	12	1	1	NV	10	9	2	1	-	VA	35	23	6	-	1
GA	130	85	14	-	1	NJ	14	17	3	-	-	WA	16	6	2	-	-
ID	-	3	-	-	-	NM	2	3	1	-	-	WV	11	9	-	-	-
IL	18	9	2	-	-	NY	114	52	10	-	-	WY	2	-	1	-	-
IN	7	2	1	-	1	NC	112	19	1	-	-						

- Represents zero. [1] One execution in 1977, none in 1978, and two in 1979. [2] No executions in 1980, one in 1981, two in 1982, and five in 1983.
[3] Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1969, 1).

Source of tables 320-322: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

No. 323. Fire Losses—Total and Per Capita: 1946 to 1982

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]
1946–1950	643	1960	1,108	$6.19	1967	1,707	$8.66	1975	3,190	$14.81
1951–1955	833	1961	1,209	6.64	1968	1,830	9.20	1976	3,558	16.35
1956–1960	1,045	1962	1,265	6.80	1969	1,952	9.71	1977	3,764	17.13
1961–1965	1,340	1963	1,406	7.48	1970	2,328	11.41	1978	4,008	18.05
1966–1970	1,850	1964	1,367	7.16	1971	2,316	11.20	1979	4,651	21.60
1971–1975	2,802	1965	1,456	7.51	1972	2,304	11.01	1980	5,579	24.56
1976–1980	4,358	1966	1,497	7.64	1973	2,639	12.49	1981	5,625	24.53
					1974	3,190	14.95	1982	5,894	25.46

[1] Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946–1964, National Board of Fire Underwriters, New York, NY, *Report of the Committee on Statistics and Origin of Losses;* thereafter, Insurance Information Institute, New York, NY, *Insurance Facts,* annual.

No. 324. Fires—Number and Loss, by Type and Property Use: 1978 to 1982

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)					PROPERTY LOSS (mil. dol.)				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Fires, total	2,818	2,846	2,988	2,893	2,538	4,498	5,750	6,254	6,676	6,432
Structure	1,062	1,037	1,065	1,027	946	4,022	4,964	5,454	5,976	5,731
Outside of structure [1]	110	80	87	81	54	32	38	61	61	52
Brush and rubbish	879	956	1,115	1,052	832	–	–	–	–	–
Vehicle	503	496	472	466	443	391	682	685	594	591
Other	264	277	249	267	263	53	66	54	45	56
Structure by property use:										
Public assembly	30	31	29	28	28	194	284	326	356	381
Educational	20	22	20	20	17	111	79	101	184	161
Institutional	39	30	28	27	29	14	34	25	38	17
Stores and offices	63	64	62	65	56	475	457	645	642	510
Residential	730	722	758	733	676	2,192	2,529	3,042	3,259	3,253
1–2 family units [2]	569	551	591	574	538	1,784	2,034	2,447	2,713	2,794
Apartments	137	146	143	137	117	310	343	401	415	353
Hotels and motels	12	11	12	12	10	82	100	154	99	84
Other residential	12	14	12	10	11	16	52	40	32	22
Storage [3]	60	64	65	62	54	342	507	512	616	584
Industry, utility, defense [3]	55	58	55	49	42	594	966	672	775	663
Special structures	65	46	48	43	44	100	108	131	106	162

– Represents zero. [1] Includes outside storage, crops, timber, etc. [2] Includes mobile homes. [3] Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Quincy, MA., *Survey of Fire Departments for U.S. Fire Experience (1978–82).*

No. 325. Fires and Property Loss for Incendiary and Suspicious Fires; and Civilian Fire Deaths and Injuries By Selected Property Type: 1979 to 1982

[Based on sample survey of fire departments]

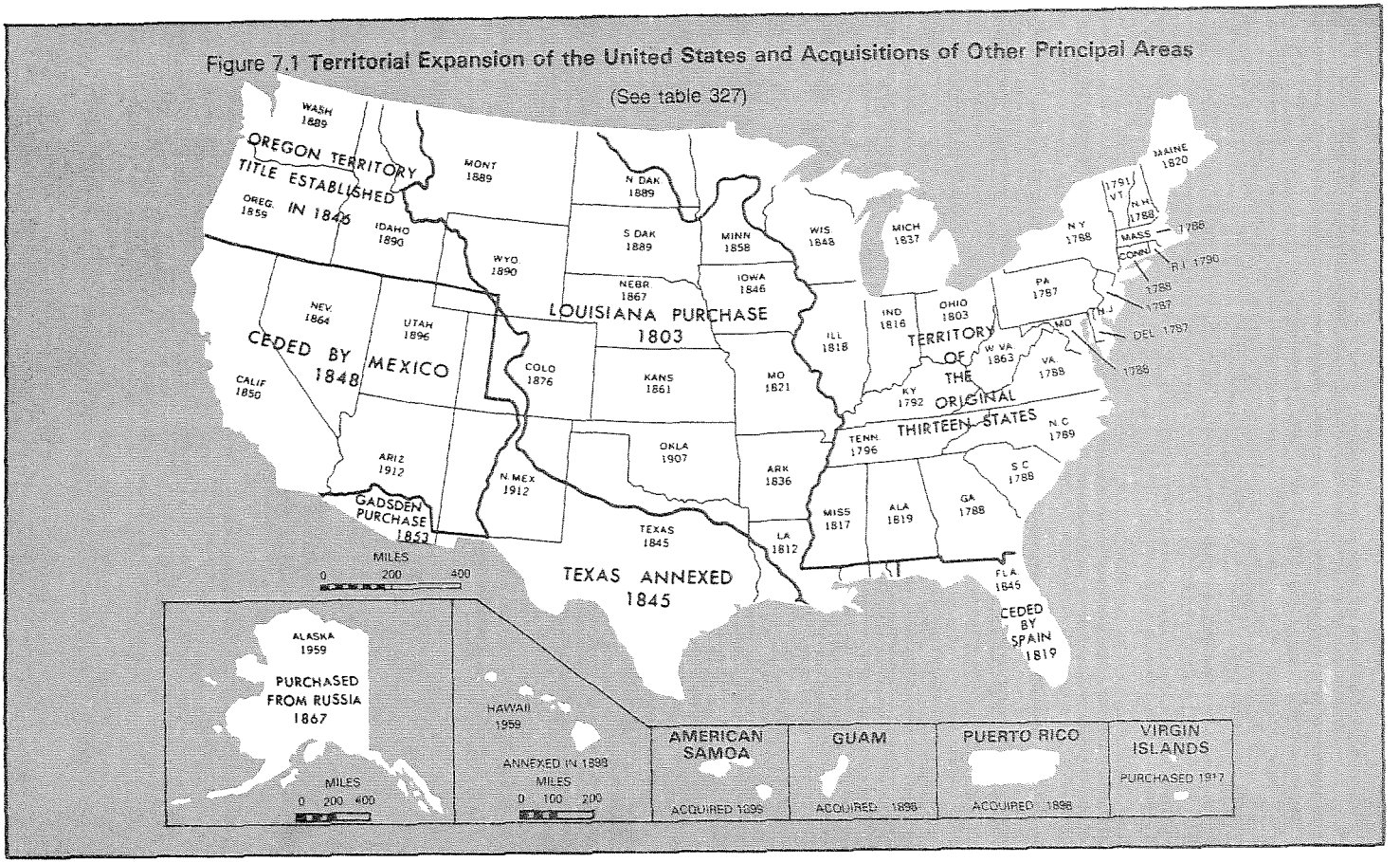
ITEM	1979	1980	1981	1982	ITEM	1979	1980	1981	1982
NUMBER (1,000)					CIVILIAN FIRE DEATHS				
Structure fires, total	1,037	1,065	1,027	946	**Deaths, total [2]**	7,760	6,505	6,700	6,020
Structure fires of incendiary or suspicious origin	149	146	155	129	Residential property	5,765	5,446	5,540	4,940
Fires of incendiary origin	89	92	88	77	One- and two-family dwellings	4,320	4,175	4,430	3,960
Fires of suspicious origin	60	54	67	52	Apartments	1,180	1,025	970	860
PROPERTY LOSS [1] (mil. dol.)					Vehicles	1,595	740	840	695
					CIVILIAN FIRE INJURIES				
Structure fires, total	4,964	5,454	5,976	5,731	**Injuries, total [2]**	31,325	30,200	30,700	30,525
Structure fires of incendiary or suspicious origin	1,328	1,760	1,658	1,604	Residential property	20,450	21,000	20,625	21,100
Fires of incendiary origin	787	1,159	1,142	1,088	One- and two-family dwellings	14,650	16,100	15,125	15,750
Fires of suspicious origin	541	602	516	516	Apartments	4,175	3,600	4,250	4,700
					Vehicles	5,175	4,075	3,400	3,425

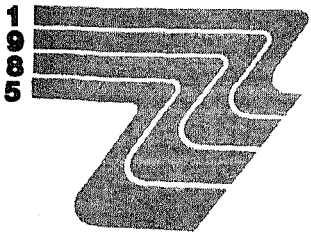
[1] Direct property loss only. [2] Includes other not shown separately.

Source: National Fire Protection Association, Quincy, MA, *Survey of Fire Departments for U.S. Fire Experience (1978–82).*

Figure 7.1 Territorial Expansion of the United States and Acquisitions of Other Principal Areas

(See table 327)





Section 7

Geography and Environment

This section presents a variety of information on the physical environment of the United States, starting with basic area measurement data and ending with climate data for selected weather stations around the country. The subjects covered between those points are mostly concerned with environmental trends, but include such related subjects as land use and ownership, water consumption, hazardous waste sites, threatened and endangered wildlife, and expenditures for pollution abatement and control.

The information in this section is selected from a wide range of Federal agencies that compile the data for various administrative or regulatory purposes, such as the *Environmental Protection* Agency, Geological Survey, National Oceanic and Atmospheric Administration, and General Services Administration. Other agencies include the Bureau of the Census, which presents nationwide area measurement information; the Council on Environmental Quality (CEQ), which presents data on environmental conditions and pollutants in its annual report; and the Bureau of Economic Analysis, which compiles data on pollution abatement and control expenditures.

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time, an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940,* in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. Since the 1940 census, the Bureau has published area measurement figures in each succeeding census. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports,* series GE-20, a series of State reports and a U.S. summary. For 1980, the areas of all States and counties were completely remeasured, using newer large-scale maps and more modern equipment. The land area results for these areas are published in *1980 Census of Population,* vol. 1, chapter A reports (series PC80-1-A). Data for places and selected minor civil divisions with a population of 2,500 and over, metropolitan areas, and urbanized areas as well as States and counties are contained in a U.S. summary report.

Geography.—The Geological Survey conducts investigations, surveys, and research in the fields of geography, geology, topography, land use/land cover, mineralogy, hydrology, and geothermal energy resources as well as natural hazards. In cooperation with State and local agencies, the Geological Survey prepares and publishes topographic, land use/land cover, geologic, and hydrologic maps and data compilations. The Geological Survey provides United States cartographic data through the National Cartographic Information Center, water resources data through a multi-volume *Catalog of Information on Water Data,* and a variety of research and Open-File reports which are announced monthly in *New Publications of the Geological Survey.*

The National Ocean Service, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

An inventory of the nation's land resources was conducted by the Soil Conservation Service in 1982. The results, published in the *1982 National Inventory of Land Resources* cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as places, county subdivisions, census tracts, and urbanized areas and are available in the GE-50 and GE-70 series.

Environment.—The CEQ is responsible for overseeing the environmental assessment process, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on environmental condi-

tions, trends, programs and activities in its annual publication, *Environmental Quality.* The CEQ has also published unique compilations of environmental data in *Environmental Statistics, 1979,* and *Environmental Trends.* The principal Federal agency responsible for pollution abatement and control activities is the Environmental Protection Agency (EPA). It is responsible for establishing and monitoring national air quality standards, water quality activities, solid and hazardous waste disposal, and control of toxic substances.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. There are approximately 3,500 non-Federal sampling stations for suspended particulates, almost 1,000 for sulfur oxides, 460 for carbon monoxide, 720 for photochemical oxidants, and 950 for nitrogen oxides. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970-81.*

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business.* The U.S. Bureau of the Census collects data on State and local government and industry expenditures on control activities. Data on government expenditures were reported in the annual *Environmental Quality Control: Government Finances,* which was discontinued after the report for fiscal year 1980. Industry data are reported annually in *Current Industrial Reports.* CEQ publishes data in *Environmental Quality.*

Climate.—NOAA, through the National Weather Service and the National Environmental Satellite, Data and Information Service, is responsible for data on climate. NOAA maintains about 11,600 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported monthly in the *Climatological Data* (published by State), and monthly and annually in the *Local Climatological Data* (published by location for major cities).

The climatological temperature, precipitation, and degree day normals listed in this publication are derived for comparative purposes and are averages for the 30-year period, 1951-80. For stations that did not have continuous records for the entire 30 years from the same instrument site, the normals have been adjusted to provide representative values for the current location. The information in all other tables is based on data from the beginning of the record at that location through 1982, except as noted.

The degree day normals are used to determine relative estimates of heating and cooling requirements for buildings. Each degree that the average temperature for a day is below 65° F produces one heating degree day. For example, if the maximum temperature is 70° F and the minimum temperature is 52° F, the average temperature for the day is 61°, resulting in four (4) heating degree days. Cooling degree days are calculated in a similar fashion for each degree that the average temperature is above 65° F. The monthly degree day normals represent the average accumulation of the daily values for the month.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 326. Area of States and Other Areas: 1980

[One sq. mile = 2.59 sq. kilometers. See *Historical Statistics, Colonial Times to 1970*, series A 210-263, for land area]

STATE OR OTHER AREA	Year admitted to statehood	TOTAL AREA			LAND AREA [1]		WATER AREA [2]	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States	(X)	(X)	**3,618,770**	**9,372,615**	**3,539,289**	**9,166,759**	**79,481**	**205,856**
New England	(X)	(X)	**66,672**	**172,681**	**63,012**	**163,201**	**3,660**	**9,480**
Maine	1820	39	33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire	[3] 1788	44	9,279	24,032	8,993	23,292	286	739
Vermont	1791	43	9,614	24,900	9,273	24,017	341	883
Massachusetts	[3] 1788	45	8,284	21,456	7,824	20,265	460	1,191
Rhode Island	[3] 1790	50	1,212	3,140	1,055	2,732	157	408
Connecticut	[3] 1788	48	5,018	12,998	4,872	12,618	146	380
Middle Atlantic	(X)	(X)	**102,203**	**264,707**	**99,733**	**258,308**	**2,470**	**6,398**
New York	[3] 1788	30	49,108	127,190	47,377	122,707	1,731	4,483
New Jersey	[3] 1787	46	7,787	20,169	7,468	19,342	319	827
Pennsylvania	[3] 1787	33	45,308	117,348	44,888	116,260	420	1,088
East North Central	(X)	(X)	**248,540**	**643,719**	**243,961**	**631,859**	**4,579**	**11,860**
Ohio	1803	35	41,330	107,044	41,004	106,201	326	843
Indiana	1816	38	36,185	93,720	35,932	93,064	253	656
Illinois	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan	1837	23	58,527	151,586	56,954	147,511	1,573	4,075
Wisconsin	1848	26	56,153	145,436	54,426	140,964	1,727	4,472
West North Central	(X)	(X)	**517,825**	**1,341,166**	**508,132**	**1,316,063**	**9,693**	**25,104**
Minnesota	1858	12	84,402	218,601	79,548	206,030	4,854	12,571
Iowa	1846	25	56,275	145,753	55,965	144,950	310	803
Missouri	1821	19	69,697	180,516	68,945	178,568	752	1,948
North Dakota	1889	17	70,703	183,119	69,300	179,486	1,403	3,633
South Dakota	1889	16	77,116	199,730	75,952	196,715	1,164	3,014
Nebraska	1867	15	77,355	200,350	76,644	198,508	711	1,842
Kansas	1861	14	82,277	213,098	81,778	211,805	499	1,293
South Atlantic	(X)	(X)	**278,927**	**722,420**	**266,910**	**691,296**	**12,017**	**31,123**
Delaware	[3] 1787	49	2,044	5,295	1,932	5,005	112	290
Maryland	[3] 1788	42	10,460	27,092	9,837	25,477	623	1,614
District of Columbia	(X)	(X)	69	178	63	162	6	16
Virginia	[3] 1788	36	40,767	105,586	39,704	102,832	1,063	2,753
West Virginia	1863	41	24,231	62,759	24,119	62,468	112	291
North Carolina	[3] 1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina	[3] 1788	40	31,113	80,582	30,203	78,227	910	2,355
Georgia	[3] 1788	21	58,910	152,576	58,056	150,365	854	2,211
Florida	1845	22	58,664	151,939	54,153	140,256	4,511	11,683
East South Central	(X)	(X)	**181,947**	**471,243**	**178,824**	**463,154**	**3,123**	**8,089**
Kentucky	1792	37	40,409	104,660	39,669	102,743	740	1,917
Tennessee	1796	34	42,144	109,152	41,155	106,591	989	2,561
Alabama	1819	29	51,705	133,915	50,767	131,487	938	2,428
Mississippi	1817	32	47,689	123,515	47,233	122,333	456	1,183
West South Central	(X)	(X)	**437,701**	**1,133,646**	**427,271**	**1,106,633**	**10,430**	**27,013**
Arkansas	1836	27	53,187	137,754	52,078	134,883	1,109	2,871
Louisiana	1812	31	47,751	123,677	44,521	115,310	3,230	8,366
Oklahoma	1907	18	69,956	181,186	68,655	177,817	1,301	3,369
Texas	1845	2	266,807	691,030	262,017	678,623	4,790	12,407
Mountain	(X)	(X)	**863,563**	**2,236,629**	**855,194**	**2,214,952**	**8,369**	**21,677**
Montana	1889	4	147,046	380,848	145,388	376,555	1,658	4,293
Idaho	1890	13	83,564	216,432	82,412	213,447	1,152	2,985
Wyoming	1890	9	97,809	253,326	96,989	251,202	820	2,125
Colorado	1876	8	104,091	269,596	103,595	268,311	496	1,285
New Mexico	1912	5	121,593	314,925	121,335	314,258	258	667
Arizona	1912	6	114,000	295,260	113,508	293,986	492	1,274
Utah	1896	11	84,899	219,889	82,073	212,569	2,826	7,320
Nevada	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific	(X)	(X)	**921,392**	**2,386,406**	**896,252**	**2,321,294**	**25,140**	**65,112**
Washington	1889	20	68,138	176,479	66,511	172,264	1,627	4,215
Oregon	1859	10	97,073	251,419	96,184	249,117	889	2,302
California	1850	3	158,706	411,049	156,299	404,814	2,407	6,235
Alaska	1959	1	591,004	1,530,701	570,833	1,478,458	20,171	52,243
Hawaii	1959	47	6,471	16,759	6,425	16,641	46	118
Other areas:								
Puerto Rico	(X)	(X)	3,515	9,104	3,459	8,958	56	145
American Samoa	(X)	(X)	77	199	77	199	-	-
Guam	(X)	(X)	209	541	209	541	-	-
Virgin Islands of the U.S.	(X)	(X)	132	344	132	342	1	3
Trust Territory of the Pacific Islands [4]	(X)	(X)	533	1,380	533	1,380	-	-
No. Mariana Islands [4]	(X)	(X)	184	477	184	477	-	-

- Represents zero. X Not applicable. [1] Dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres in area. [2] Permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands under 40 acres in area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. [3] Year of ratification of Constitution; one of the original 13 States. [4] Under trusteeship; see table 5, footnote 5.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, part A (PC80-1-A), and unpublished data.

No. 327. Territorial Expansion of the United States and Acquisitions of Other Areas

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1980. See also *Historical Statistics, Colonial Times to 1970*, series J 1-2]

ACCESSION	Acquisition date	GROSS AREA (land and water)		ACCESSION	Acquisition date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total	(X)	**3,623,434**	**9,384,694**	Other areas:			
United States	(X)	3,618,770	9,372,614	Puerto Rico	[2] 1898	3,515	9,104
Territory in 1790 [1]	(X)	891,364	2,308,633	Guam	[3] 1898	209	541
Louisiana Purchase	1803	831,321	2,153,121	American Samoa	[4] 1899	77	199
Purchase of Florida	1819	69,866	180,953	Virgin Islands of the U.S	1917	132	342
Texas	1845	384,958	997,041	Trust Territory of the Pacific Islands [5]	1947	533	1,380
Oregon	1846	283,439	734,107	No. Mariana Islands [5]	1947	184	477
Mexican Cession	1848	530,706	1,374,529	All other [6]	(X)	14	36
Gadsden Purchase	1853	29,640	76,768				
Alaska	1867	591,004	1,530,700				
Hawaii	1898	6,471	16,760				

X Not applicable. [1] Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. [2] Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. [3] Acquired 1898; ratified 1899. [4] Acquired 1899; ratified 1900. [5] Land area only. Under trusteeship; see table 5, footnote 5. [6] Comprises the following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), and Kingman Reef (less than .5). Excludes Canton and Enderbury Islands (combined area 27 sq. mi. or 73 sq. km.), which are considered to be under the jurisdiction of Kiribati since 1979, and Swan Islands (1 sq. mi.), which were returned to Honduras in 1972.

Source: U.S. Bureau of the Census, unpublished data.

No. 328. Land Utilization, by Type: 1959 to 1982

[See *Historical Statistics, Colonial Times to 1970*, series J 50-66, J 71, and J 76, for similar data]

TYPE	LAND (mil. acres)					PERCENT				
	1959	1969	1974	1978	1982, prel.	1959	1969	1974	1978	1982, prel.
Total land area [1]	**2,271**	**2,264**	**2,264**	**2,264**	**2,265**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
LAND USE										
Cropland used for crops [2]	359	333	361	369	387	15.8	14.7	16.0	16.3	17.1
Idle cropland	33	51	21	26	19	1.5	2.3	.9	1.1	.8
Cropland used only for pasture	66	88	83	76	68	2.9	3.9	3.7	3.4	3.0
Grassland pasture [3]	633	604	598	587	593	27.9	26.7	26.4	25.9	26.2
Forest land [4]	728	723	718	703	654	32.1	31.9	31.7	31.1	28.9
Special uses	146	172	182	188	[5] 270	6.4	7.6	8.0	7.0	[5] 11.9
Urban areas [6]	24	31	35	(7)	(7)	1.1	1.4	1.5	(7)	(7)
Transportation areas [8]	25	26	26	27	27	1.1	1.2	1.2	1.2	1.2
Recreation areas [9]	44	49	52	57	[5] 116	1.9	2.2	2.3	2.5	[5] 5.1
Wildlife areas [10]	17	32	36	41	[5] 95	.8	1.4	1.6	1.8	[5] 4.2
National defense and industrial [11]	26	26	25	25	24	1.1	1.1	1.1	1.1	1.1
Farmsteads, farm roads, and lanes	10	8	8	8	8	.4	.4	.4	.4	.4
Other land [12]	306	293	301	[7] 345	[5] 274	13.5	12.9	13.2	[7] 15.2	[5] 12.1
LAND OWNERSHIP										
Private land [13]	1,332	1,317	1,316	1,315	1,329	58.7	58.2	58.1	58.1	58.7
Indian lands [14]	53	50	51	52	51	2.3	2.2	2.3	2.3	2.3
Public land, total	886	897	897	897	885	39.0	39.6	39.6	39.6	39.1
Federal	765	763	761	742	730	33.7	33.7	33.6	32.8	32.2
State and local	121	134	136	155	155	5.3	5.9	6.0	6.8	6.8

[1] Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. [2] Cropland harvested, crop failure, and cultivated summer fallow. [3] Grassland and other nonforest pasture and range. [4] Excludes reserved forest land in parks and other special uses of land. Includes forest grazing land. [5] Changes in use between 1978 and 1982 are primarily attributed to reclassification and change of Alaskan lands to park, wilderness, and wildlife areas. [6] Estimated area in urbanized areas and places of 2,500 or more population outside urbanized areas. [7] Data for urban areas included in other land. [8] Represents rural highway, road, and railroad rights-of-way, and airports. [9] Area in National and State parks and related recreation areas, including area in national wilderness and primitive areas. [10] Acreage administered by Federal and State agencies primarily for wildlife protection and propagation. [11] Areas administered by the Dept. of Defense for military purposes and by the Energy Research and Development Administration. [12] Miscellaneous areas such as marshes, open swamps, bare rock area, deserts, and tundra, and various other uses not inventoried. [13] Land owned by individuals, partnerships, and corporations. [14] Managed in trust by Bureau of Indian Affairs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States: 1978*, AER 487, August 1982, and unpublished data.

No. 329. Area and Acquisition of the Federal Public Domain: 1781 to 1983

[**In millions of acres.** Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 327 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also *Historical Statistics, Colonial Times to 1970*, series J 3-6]

YEAR	Land area, total [1]	YEAR	LAND AREA [1]		
			Total	Public domain	Acquired
1802	200.0	1973	761.0	704.8	56.2
1850	1,200.0	1974	760.5	703.8	56.7
1880	900.0	1975	760.4	702.9	57.5
1912	600.0	1976	762.2	702.8	59.4
1946	413.0	1977	741.5	683.3	58.2
1950	412.0	1978	775.2	712.0	63.3
1955	407.9	1979	744.1	684.3	59.8
1959	768.6	1980	719.5	648.0	71.5
1960	771.5	1981	730.8	668.7	62.2
1965	765.8	1982	729.8	670.0	59.8
1970	761.3	1983	732.0	672.4	59.6
1971	760.2				
1972	760.7				

YEAR AND ACQUISITION	ACREAGE		
	Total	Land	Inland water
Aggregate	**1,837.8**	**1,804.7**	**33.1**
1781–1802 (State Cessions)	236.8	233.4	3.4
1803, Louisiana Purchase [2]	529.9	523.4	6.5
1819, Cession from Spain	46.1	43.3	2.8
Red River Basin [3]	29.6	29.1	.5
1846, Oregon Compromise	183.4	180.6	2.7
1848, Mexican Cession [2]	338.7	334.5	4.2
1850, Purchase from Texas	78.9	78.8	.1
1853, Gadsden Purchase	19.0	19.0	(Z)
1867, Alaska Purchase	375.3	362.5	12.8

Z Less than 50,000. [1] Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual. [2] Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. [3] Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

No. 330. Total and Federally Owned Land, 1960 to 1983, and by State, 1983

[As of **June 30** except, beginning **1976**, as of **Sept. 30**. Total land area figures are not comparable with those in table 326]

YEAR, REGION, DIVISION, AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT [1]	
			Acres (1,000)	Percent
1960	2,273,407	1,501,894	771,512	33.9
1965	2,271,343	1,505,546	765,797	33.5
1970	2,271,343	1,510,042	761,301	33.5
1973	2,271,343	1,510,344	760,999	33.5
1974	2,271,343	1,510,811	760,532	33.5
1975	2,271,343	1,510,929	760,414	33.5
1976	2,271,343	1,509,151	762,192	33.5
1977	2,271,343	1,529,834	741,509	32.6
1978	2,271,343	1,496,094	775,249	34.1
1979	2,271,343	1,533,545	744,146	32.8
1980	2,271,343	1,551,822	719,522	31.7
1981	2,271,343	1,540,528	730,815	32.2
1982	2,271,343	1,541,522	729,821	32.1
1983, total	**2,271,343**	**1,539,301**	**732,042**	**32.2**
Regions:				
Northeast	104,700	102,311	2,389	2.3
Midwest	482,870	463,234	19,639	4.1
South	561,238	531,672	29,566	5.3
West	1,122,535	442,087	680,449	60.6
N. Eng	**40,401**	**39,105**	**1,296**	**3.2**
ME	19,848	19,712	136	.7
NH	5,769	5,031	738	12.8
VT	5,937	5,617	320	5.4
MA	5,035	4,949	86	1.7
RI	677	671	6	.9
CT	3,135	3,125	10	.3
Mid. Atl	**64,299**	**63,206**	**1,093**	**1.7**
NY	30,681	30,433	248	.8
NJ	4,813	4,663	151	3.1
PA	28,804	28,110	695	2.4
E. No. Cent	**156,679**	**149,677**	**7,004**	**4.5**
OH	26,222	25,857	366	1.4
IN	23,158	22,657	502	2.2
IL	35,795	35,173	623	1.7
MI	36,492	32,879	3,614	9.9
WI	35,011	33,111	1,900	5.4
W. No. Cent	**326,191**	**313,557**	**12,635**	**3.9**
MN	51,206	47,755	3,450	6.7
IA	35,860	35,632	228	.6

DIVISION AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT [1]	
			Acres (1,000)	Percent
W. No. Cent.—Con.				
MO	44,248	42,071	2,178	4.9
ND	44,452	42,206	2,247	5.1
SD	48,882	45,734	3,148	6.4
NE	49,032	48,381	651	1.3
KS	52,511	51,778	733	1.4
So. Atl	**171,325**	**157,732**	**13,591**	**7.9**
DE	1,266	1,225	41	3.2
MD	6,319	6,133	186	2.9
DC	39	26	13	32.2
VA	25,496	23,067	2,429	9.5
WV	15,411	14,293	1,117	7.3
NC	31,403	29,244	2,159	6.9
SC	19,374	18,176	1,198	6.2
GA	37,295	35,004	2,291	6.1
FL	34,721	30,564	4,157	12.0
E. So. Cent	**115,141**	**108,958**	**6,183**	**5.4**
KY	25,512	24,093	1,419	5.6
TN	26,728	24,865	1,863	7.0
AL	32,678	31,536	1,142	3.5
MS	30,223	28,464	1,759	5.8
W. So. Cent	**274,772**	**264,982**	**9,791**	**3.6**
AR	33,599	30,125	3,474	10.3
LA	28,868	27,702	1,166	4.0
OK	44,088	42,487	1,601	3.6
TX	168,218	164,668	3,549	2.1
Mt	**548,449**	**280,499**	**267,951**	**48.9**
MT	93,271	65,862	27,409	29.4
ID	52,933	18,452	34,481	65.1
WY	62,343	31,612	30,731	49.3
CO	66,486	42,567	23,919	36.0
NM	77,766	51,846	25,921	33.3
AZ	72,688	40,621	32,067	44.1
UT	52,697	19,324	33,373	63.3
NV	70,264	10,215	60,050	85.5
Pac	**574,086**	**161,588**	**412,499**	**71.9**
WA	42,694	30,539	12,155	28.5
OR	61,599	29,363	32,235	52.3
CA	100,207	54,317	45,890	45.8
AK	365,482	43,954	321,528	88.0
HI	4,106	3,415	691	16.8

[1] Excludes trust properties.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

NO. 331. LAND COVER/USE OF NONFEDERAL LAND AND SMALL WATER AREAS, BY STATE: 1982

[In thousands of acres. Excludes Alaska]

STATE	Total	Urban and built-up land	Rural transportation	Small water areas	RURAL LAND					
					Total	Crop land	Pasture land	Rangeland	Forest land	Minor land/cover uses
United States	**1,495,420**	**46,416**	**26,913**	**10,096**	**1,411,996**	**420,982**	**132,354**	**405,917**	**393,215**	**59,527**
Alabama	31,553	906	639	312	29,697	4,510	3,817	–	20,633	736
Arizona	40,603	711	291	19	39,582	1,206	79	30,948	4,780	2,568
Arkansas	30,219	636	540	275	28,768	8,101	5,794	164	14,340	370
California	54,468	3,265	1,037	337	49,831	10,516	1,393	16,125	15,218	4,580
Colorado	42,696	672	609	145	41,271	10,603	1,260	24,223	4,030	1,556
Connecticut	3,109	603	55	49	2,401	245	114	–	1,828	214
Delaware	1,204	128	26	11	1,038	519	35	–	348	137
Florida	31,526	2,770	601	428	27,728	3,555	4,273	3,604	12,430	3,666
Georgia	35,077	1,632	504	407	32,534	6,567	2,977	–	21,884	1,107
Hawaii	3,771	126	23	12	3,610	333	974	–	1,474	829
Idaho	19,448	189	255	72	18,933	6,389	1,274	6,733	3,977	560
Illinois	35,137	1,846	870	346	32,076	24,727	3,157	–	3,429	761
Indiana	22,514	1,192	517	208	20,597	13,781	2,212	–	3,640	964
Iowa	35,644	623	1,061	252	33,709	26,441	4,536	–	1,756	976
Kansas	51,785	721	1,104	305	49,655	29,118	2,241	16,909	626	761
Kentucky	24,278	636	570	208	22,866	5,934	5,880	–	10,158	894
Louisiana	27,103	823	546	478	25,256	6,409	2,369	241	12,895	3,342
Maine	19,702	212	270	154	19,066	953	569	–	16,770	773
Maryland	6,114	763	114	64	5,173	1,794	534	–	2,425	419
Massachusetts	4,923	883	128	74	3,839	297	202	–	2,970	370
Michigan	33,368	1,966	873	263	30,265	9,443	2,911	–	15,360	2,552
Minnesota	47,456	904	1,154	363	45,035	23,023	3,590	199	13,956	4,267
Mississippi	28,558	582	539	374	27,063	7,415	3,975	–	15,243	429
Missouri	41,983	1,117	977	346	39,543	14,998	12,573	168	10,986	818
Montana	65,946	197	784	301	64,664	17,197	3,035	37,838	5,228	1,367
Nebraska	48,449	415	826	218	46,990	20,277	2,125	23,096	732	760
Nevada	10,159	199	152	19	9,788	860	304	7,908	357	360
New Hampshire	5,033	236	109	59	4,629	158	125	–	4,085	261
New Jersey	4,635	1,163	69	61	3,342	809	240	–	1,848	445
New Mexico	51,247	267	382	63	50,535	2,413	163	40,982	4,794	2,243
New York	30,082	1,811	594	293	27,385	5,913	3,871	–	16,516	1,085
North Carolina	29,111	1,622	727	281	26,481	6,695	1,980	–	16,729	1,077
North Dakota	42,434	198	1,036	179	41,021	27,039	1,272	10,948	438	1,323
Ohio	25,892	2,187	645	201	22,859	12,447	2,714	–	6,380	1,318
Oklahoma	42,783	851	789	348	40,795	11,568	7,138	15,060	6,539	491
Oregon	29,332	526	365	151	28,291	4,356	1,966	9,392	11,889	687
Pennsylvania	28,060	2,073	613	229	25,144	5,896	2,593	–	15,300	1,355
Rhode Island	672	140	14	10	508	27	36	–	406	39
South Carolina	18,173	839	475	178	16,681	3,579	1,208	–	11,026	868
South Dakota	45,762	231	833	193	44,506	16,947	2,703	22,786	562	1,508
Tennessee	24,980	1,000	588	204	23,189	5,592	5,356	–	11,529	712
Texas	164,763	4,388	2,234	714	157,428	33,317	17,043	95,353	9,324	2,392
Utah	16,703	274	152	30	16,247	2,039	490	8,489	3,235	1,994
Vermont	5,619	97	101	44	5,377	648	501	–	4,087	142
Virginia	23,063	1,219	329	222	21,292	3,397	3,392	–	13,625	878
Washington	30,092	990	492	148	28,462	7,793	1,345	5,637	12,690	997
West Virginia	14,329	312	205	92	13,721	1,092	1,869	–	10,423	337
Wisconsin	33,064	1,125	770	279	30,890	11,457	3,394	–	13,393	2,646
Wyoming	32,803	148	330	85	32,240	2,587	755	26,915	987	996

– Represents zero.

Source: U.S. Dept. of Agriculture, Soil Conservation Service, *1982 National Resources Inventory*, 1984.

NO. 332. LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATE: 1940 TO 1982

[**In thousands of acres.** Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16-19]

STATE	1940	1960	1970	1975	1979	1980	1981	1982			
								Total	Indian		Government owned
									Trust allotted [1]	Tribal [2]	
Total	**55,406**	**[3] 58,076**	**55,408**	**52,316**	**52,962**	**52,993**	**52,473**	**52,334**	**9,249**	**42,634**	**451**
Alaska	(NA)	4,168	4,170	117	386	428	448	573	486	86	1
Arizona	19,225	21,515	19,714	20,034	20,036	20,036	19,898	19,903	252	19,561	90
California	667	558	536	546	573	573	569	563	68	494	1
Colorado	667	752	755	782	783	783	756	757	3	754	-
Florida	61	79	79	79	79	79	79	80	-	*80*	-
Indiana	818	835	828	827	827	827	827	825	331	462	32
Iowa	3	4	4	4	4	4	4	4	-	4	-
Kansas	36	29	27	26	28	29	29	30	22	8	-
Michigan	27	22	21	21	21	21	21	21	9	12	-
Minnesota	653	756	763	764	764	764	764	764	51	713	-
Mississippi	9	16	18	17	18	18	18	18	-	18	-
Montana	6,455	5,457	5,274	5,282	5,258	5,249	5,240	5,030	2,208	2,820	2
Nebraska	76	68	62	61	65	65	65	65	23	42	-
Nevada	1,127	1,152	1,148	1,153	1,154	1,154	1,225	1,225	79	1,139	7
New Mexico	7,153	6,542	7,209	7,537	7,865	7,864	7,459	7,361	674	6,386	301
North Carolina	57	56	57	56	56	57	57	57	-	57	-
North Dakota	1,036	879	850	850	853	853	853	853	643	209	1
Oklahoma	2,844	1,855	1,424	1,306	1,240	1,230	1,222	1,216	1,121	87	8
Oregon	1,737	1,238	887	761	761	762	760	759	138	621	-
South Dakota	5,865	5,064	4,975	5,020	5,091	5,093	5,096	5,099	2,458	2,639	2
Utah	1,693	2,125	2,271	2,276	2,286	2,286	2,286	2,331	34	2,296	1
Washington	2,740	2,591	2,460	2,504	2,517	2,520	2,499	2,500	474	2,023	3
Wisconsin	445	422	188	407	409	410	410	411	81	330	-
Wyoming	2,013	1,890	1,887	1,886	1,888	1,888	1,888	1,889	94	1,793	2

- Represents zero. NA Not available. [1] Private landholdings of individual Indians. [2] Lands held by Indian tribes.
[3] Includes 3,000 acres in SC, not shown separately.

Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

NO. 333. URBAN LAND AREA—STATES: 1960 TO 1980

[**In acres.** Urban areas include central cities and adjacent urbanized fringe zones of urbanized areas plus all incorporated and unincorporated places of 2,500 or more inhabitants outside urbanized areas. For more information on urban, see text, p. 1]

STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA [1]			STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA [1]		
	1960	1970	1980	1960	1970	1980		1960	1970	1980	1960	1970	1980
U.S.	**25,500**	**34,557**	**47,314**	**.20**	**.23**	**.28**	Mississippi	228	366	580	.28	.37	.49
Alabama	703	1,052	1,483	.39	.52	.63	Missouri	518	798	1,020	.18	.24	.30
Alaska	14	68	285	.16	.43	1.10	Montana	54	76	118	.16	.20	.28
Arizona	320	463	892	.33	.33	.39	Nebraska	121	*178*	*232*	*.16*	*.19*	*.23*
Arkansas	222	384	605	.29	.40	.51	Nevada	72	255	238	.36	.65	.35
California	2,352	3,328	4,200	.17	.18	.19	New Hampshire	310	323	359	.88	.78	.75
Colorado	203	343	597	.16	.20	.26	New Jersey	1,129	1,212	1,392	.21	.19	.21
Connecticut	574	578	745	*.29*	.25	.30	New Mexico	184	255	361	.29	.36	.38
Delaware	*53*	79	111	.18	.20	.26	New York	1,353	1,570	2,058	.09	.10	.14
District of Columbia	39	39	40	.05	.05	.06	North Carolina	488	688	*1,164*	.27	.30	.41
Florida	881	1,573	2,617	.24	.29	.32	North Dakota	39	62	95	.17	.23	.30
Georgia	612	920	1,454	.28	.33	.43	Ohio	1,415	1,816	2,093	.20	.23	.26
Hawaii	278	146	177	.57	.23	.21	Oklahoma	480	814	1,136	.33	.47	*.56*
Idaho	74	105	154	.23	.27	.30	Oregon	239	333	458	.22	.24	.26
Illinois	992	1,400	1,730	.12	.15	.18	Pennsylvania	1,186	1,450	1,770	.15	.17	.22
Indiana	520	829	1,012	.18	.25	.29	Rhode Island	123	172	182	.17	.21	.22
Iowa	416	573	666	.28	.35	.39	South Carolina	267	408	757	.27	.33	.45
Kansas	241	376	505	.18	.25	.32	South Dakota	62	81	106	.23	.27	.33
Kentucky	247	404	570	.18	.24	.31	Tennessee	492	840	*1,278*	*.26*	*.36*	*.48*
Louisiana	468	523	796	.23	.22	.28	Texas	2,113	2,870	4,017	.29	.32	.35
Maine	556	471	581	1.12	.93	1.09	Utah	190	254	420	.28	.30	.34
Maryland	290	483	836	.13	.16	.25	Vermont	51	41	78	.34	.29	.45
Massachusetts	909	1,027	1,286	.21	.21	.27	Virginia	486	768	1,183	.22	.26	.34
Michigan	1,017	1,286	1,540	.18	.20	.24	Washington	422	607	845	.22	.25	.28
Minnesota	707	905	1,299	.33	.36	.48	West Virginia	*138*	*150*	*200*	*.19*	*.22*	.28
							Wisconsin	616	766	902	.24	.26	.30
							Wyoming	36	49	91	.19	.24	.31

[1] Based on urban resident population enumerated as of April 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Expansion of Urban Area in the United States: 1960-1980* (Economic Research Service Staff Report AGES830615). Data from U.S. Bureau of the Census.

No. 334. Extreme and Mean Elevations—States and Other Areas

[One foot=.305 meter]

STATE OR OTHER AREA	HIGHEST POINT			LOWEST POINT			APPROXIMATE MEAN ELEVATION	
	Name	Elevation		Name	Elevation			
		Feet	Meters		Feet	Meters	Feet	Meters
U.S.	**Mt. McKinley (AK)**	**20,320**	**6,198**	**Death Valley (CA)**	**−282**	**−86**	**2,500**	**763**
AL	Cheaha Mountain	2,407	734	Gulf of Mexico	(1)	(1)	500	153
AK	Mount McKinley	20,320	6,198	Pacific Ocean	(1)	(1)	1,900	580
AZ	Humphreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
AR	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
CA	Mount Whitney	14,494	4,421	Death Valley	−282	−86	2,900	885
CO	Mt. Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
CT	Mt. Frissell, on South slope	2,380	726	Long Island Sound	(1)	(1)	500	153
DE	Ebright Road, New Castle County	442	135	Atlantic Ocean	(1)	(1)	60	18
DC	Tenleytown	410	125	Potomac River	1	(z)	150	46
FL	Sec. 30, T6N, R20W, Walton County[2]	345	105	Atlantic Ocean	(1)	(1)	100	31
GA	Brasstown Bald	4,784	1,459	Atlantic Ocean	(1)	(1)	600	183
HI	Mauna Kea	13,796	4,208	Pacific Ocean	(1)	(1)	3,030	924
ID	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
IL	Charles Mound	1,235	377	Mississippi River	279	85	600	183
IN	Franklin Twp., Wayne Co	1,257	383	Ohio River	320	98	700	214
IA	Sec. 29, T100N, R41W, Osceola County[2]	1,670	509	Mississippi River	480	146	1,100	336
KS	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
KY	Black Mountain	4,145	1,264	Mississippi River	257	78	750	229
LA	Driskill Mountain	535	163	New Orleans	−5	−2	100	31
ME	Mount Katahdin	5,268	1,607	Atlantic Ocean	(1)	(1)	600	183
MD	Backbone Mountain	3,360	1,025	Atlantic Ocean	(1)	(1)	350	107
MA	Mount Greylock	3,491	1,065	Atlantic Ocean	(1)	(1)	500	153
MI	Mount Arvon	1,979	604	Lake Erie	572	174	900	275
MN	Eagle Mountain, Cook Co	2,301	702	Lake Superior	602	184	1,200	366
MS	Woodall Mountain	806	246	Gulf of Mexico	(1)	(1)	300	92
MO	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
MT	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
NE	Johnson Twp., Kimball Co	5,426	1,655	Southeast corner of State	840	256	2,600	793
NV	Boundary Peak	13,143	4,009	Colorado River	470	143	5,500	1,678
NH	Mount Washington	6,288	1,918	Atlantic Ocean	(1)	(1)	1,000	305
NJ	High Point	1,803	550	Atlantic Ocean	(1)	(1)	250	76
NM	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
NY	Mount Marcy	5,344	1,630	Atlantic Ocean	(1)	(1)	1,000	305
NC	Mount Mitchell	6,684	2,039	Atlantic Ocean	(1)	(1)	700	214
ND	White Butte, Slope Co	3,506	1,069	Red River	750	229	1,900	580
OH	Campbell Hill	1,550	473	Ohio River	433	132	850	259
OK	Black Mesa	4,973	1,517	Little River	287	88	1,300	397
OR	Mount Hood	11,239	3,428	Pacific Ocean	(1)	(1)	3,300	1,007
PA	Mount Davis	3,213	980	Delaware River	(1)	(1)	1,100	336
RI	Jerimoth Hill	812	248	Atlantic Ocean	(1)	(1)	200	61
SC	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(1)	(1)	350	107
SD	Harney Peak	7,242	2,209	Big Stone Lake	962	293	2,200	671
TN	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
TX	Guadalupe Peak	8,749	2,668	Gulf of Mexico	(1)	(1)	1,700	519
UT	Kings Peak	13,528	4,126	Beaverdam Creek	2,000	610	6,100	1,861
VT	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
VA	Mount Rogers	5,729	1,747	Atlantic Ocean	(1)	(1)	950	290
WA	Mount Rainier	14,410	4,395	Pacific Ocean	(1)	(1)	1,700	519
WV	Spruce Knob	4,863	1,483	Potomac River	240	73	1,500	458
WI	Timms Hill	1,952	595	Lake Michigan	581	177	1,050	320
WY	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044
Other areas:								
PR	Cerro de Punta	4,389	1,339	Atlantic Ocean	(1)	(1)	1,800	549
Am. Samoa	Lata Mountain	3,160	964	Pacific Ocean	(1)	(1)	1,300	397
GU	Mount Lamlam	1,329	405	Pacific Ocean	(1)	(1)	330	101
VI	Crown Mountain	1,556	475	Atlantic Ocean	(1)	(1)	750	229

Z Less than .5 meter. [1] Sea level. [2] "Sec." denotes section; "T," township; "R," range; "N," north; "W," west.

Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

NO. 335. COASTLINE OF THE UNITED STATES, BY STATES

[One mile = 1.609 kilometers]

STATE	GENERAL COASTLINE[1]		TIDAL SHORELINE[2]		STATE	GENERAL COASTLINE[1]		TIDAL SHORELINE[2]	
	Statute miles	Kilometers	Statute miles	Kilometers		Statute miles	Kilometers	Statute miles	Kilometers
U.S	**12,383**	**19,924**	**88,633**	**142,610**	**Gulf coast**	**1,631**	**2,624**	**17,141**	**27,580**
Atlantic coast	**2,069**	**3,329**	**28,673**	**46,135**	Alabama	53	85	607	977
Connecticut	–	–	618	994	Florida	770	1,239	5,095	8,198
Delaware	28	45	381	613	Louisiana	397	639	7,721	12,423
Florida	580	933	3,331	5,360	Mississippi	44	71	359	578
Georgia	100	161	2,344	3,771	Texas	367	591	3,359	5,405
Maine	228	367	3,478	5,596	**Pacific coast**	**7,623**	**12,265**	**40,298**	**64,839**
Maryland	31	50	3,190	5,133	Alaska	5,580	8,978	31,383	50,495
Massachusetts	192	309	1,519	2,444	California	840	1,352	3,427	5,514
New Hampshire	13	21	131	211	Hawaii	750	1,207	1,052	1,693
New Jersey	130	209	1,792	2,883	Oregon	*296*	*476*	*1,410*	*2,269*
New York	127	204	1,850	2,977	Washington	157	253	3,026	4,869
North Carolina	301	484	3,375	5,430	**Arctic coast, Alaska**	**1,060**	**1,706**	**2,521**	**4,056**
Pennsylvania	–	–	89	143					
Rhode Island	40	64	384	618					
South Carolina	187	301	2,876	4,627					
Virginia	112	180	3,315	5,334					

– Represents zero. [1] Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. [2] Figures obtained in 1939–1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

NO. 336. WATER AREA, OTHER THAN INLAND WATER—STATES

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 1. One square mile=2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	**74,364**	**192,603**	Gulf of Mexico coastal water	3,837	9,938
			Alabama	560	1,450
Atlantic coastal water	2,298	5,952	Florida	1,698	4,398
Florida	37	96	Louisiana	1,016	2,631
Georgia	48	124	Mississippi	556	1,440
Maine	1,102	2,854	Texas	7	18
Massachusetts	959	2,484			
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
			Indiana	228	591
Chesapeake Bay	3,237	8,384	Michigan	13,037	33,766
Maryland	1,726	4,470	Wisconsin	7,387	19,132
Virginia	1,511	3,913			
			New York Harbor	92	238
Delaware Bay	665	1,722	New Jersey	69	179
Delaware	350	907	New York	23	60
New Jersey	315	816	Lake Ontario: New York	3,033	7,855
Lake Erie	5,002	12,955	Pacific coastal water	343	888
Michigan	216	559	California	69	179
New York	594	1,538	Oregon	48	124
Ohio	3,457	8,954	Washington	226	585
Pennsylvania	735	1,904			
			Puget Sound: Washington	*561*	*1,453*
Straits of Georgia and Juan de Fuca: Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,298	3,364	Michigan	16,231	42,038
Connecticut	573	1,484	Minnesota	2,212	5,729
New York	726	1,880	Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940.*

No. 337. Lengths of Principal North American Rivers

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (*a*) original headwater of named river where name applies to entire length of channel, or (*b*) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile = 1.609 kilometers]

River/outflow	Length		River/outflow	Length	
	Miles	Kilometers		Miles	Kilometers
Alabama/Mobile River	735	1,183	Mississippi-Missouri-Red Rock/mouth of SW Pass	3,710	5,969
Albany/James Bay	610	981	Missouri/Mississippi River	2,315	3,725
Arkansas/Mississippi River	1,459	2,348	Missouri-Red Rock/Mississippi River	2,533	4,076
Black/Chantrey Inlet	600	965	Mobile Alabama-Coosa/Mobile Bay	780	1,255
Brazos/Gulf of Mexico	870	1,400	North Canadian/Canadian River	760	1,223
Canadian/Arkansas River	906	1,458	North Platte/Platte River	618	994
Churchill/Hudson Bay	1,000	1,609	Ohio/Mississippi River	981	1,578
Cimarron/Arkansas River	600	965	Ohio-Allegheny/Mississippi River	1,306	2,101
Colorado (U.S.-Mex.)/Gulf of California	1,450	2,333	Ottawa/St. Lawrence River	790	1,271
Colorado (Texas)/Matagorda Bay	840	1,352	Ouachita/Red River	605	973
Columbia/Pacific Ocean	1,243	2,000	Peace/Slave River	1,195	1,923
Columbia, Upper/to mouth of Snake River	890	1,432	Pecos/Rio Grande	735	1,183
Cumberland/Ohio River	720	1,158	Red (OK-TX-LA)/Mississippi River	1,270	2,043
Fraser/Strait of Georgia	850	1,368	Rio Grande/Gulf of Mexico	1,885	3,033
Gila/Colorado River	630	1,014	St. Lawrence/Lake Ontario	800	1,287
Green (UT-WY)/Colorado River	730	1,175	Saskatchewan N./Lake Winnipeg	1,100	1,770
Hamilton/Atlantic Ocean	600	965	Saskatchewan S./Lake Winnipeg	1,205	1,939
James (ND-SD)/Missouri River	710	1,142	Severn (Ontario)/Hudson Bay	610	981
Kuskokwim/Kuskokwim Bay	680	1,094	Snake/Columbia River	1,038	1,670
Liard/Mackenzie River	693	1,115	Tanana/Yukon River	620	998
Mackenzie/Arctic Ocean	900	1,448	Tennessee/Ohio River	652	1,049
Milk/Missouri River	625	1,006	Tennessee French Broad/Ohio River	900	1,448
Mississippi/Mouth of SW Pass	2,348	3,778	White (AR-MO)/Mississippi River	720	1,158
Mississippi, Upper/to mouth of Missouri River	1,171	1,884	Yellowstone/Missouri River	671	1,080
			Yukon/Bering Sea	1,900	3,057

Source: U.S. Geological Survey, unpublished data.

No. 338. Water Withdrawals and Consumption per Day—States and Puerto Rico: 1980

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

State	Water withdrawn					Fresh water consumed [3] (mil. gal.)
	Per capita [1] (gal.)	Total [2] (bil. gal.)	Surface (bil. gal.)	Public supplies (bil. gal.)	Irrigation (bil. gal.)	
Total	**1,953**	**450.0**	**360.0**	**34.0**	**150.0**	**100,000**
AL	2,824	11.0	10.0	.6	(Z)	570
AK	546	.2	.2	.1	–	35
AZ	2,929	8.0	3.7	.6	7.1	4,500
AR	6,960	16.0	12.0	.3	5.1	3,600
CA	2,272	54.0	33.0	4.1	37.0	25,000
CO	5,512	16.0	13.0	.6	14.0	4,000
CT	1,188	3.7	3.6	.4	(Z)	160
DE	2,013	1.2	1.1	.1	(Z)	11
DC	534	.3	.3	.2	–	23
FL	2,127	21.0	17.0	1.4	3.0	2,400
GA	1,259	6.9	5.7	.8	.6	1,000
HI	2,548	2.5	1.7	.2	.9	680
ID	19,007	18.0	12.0	.2	16.0	5,900
IL	1,574	18.0	17.0	1.8	.1	590
IN	2,551	14.0	13.0	.6	.2	690
IA	1,476	4.3	3.5	.3	.1	290
KS	2,788	6.6	1.0	.3	5.6	4,700
KY	1,311	4.8	4.6	.4	(Z)	290
LA	3,079	13.0	11.0	.6	2.2	3,500
ME	1,421	1.6	1.5	.1	(Z)	53
MD	1,822	7.7	7.6	.5	(Z)	100
MA	1,027	5.9	5.6	.8	(Z)	90
MI	1,621	15.0	14.0	1.3	.2	460
MN	759	3.1	2.4	.4	.2	450
MS	1,387	3.5	2.0	.3	1.0	710
MO	1,401	6.9	6.4	.7	.1	670
MT	13,959	11.0	11.0	.1	11.0	2,700
NE	7,634	12.0	4.9	.3	9.3	7,600
NV	4,461	3.6	2.9	.2	3.1	1,700
NH	1,083	1.0	.9	.1	(Z)	17
NJ	1,356	10.0	9.6	1.1	.1	380
NM	2,989	3.9	2.1	.2	3.6	1,900
NY	967	17.0	16.0	2.2	(Z)	590
NC	1,376	8.1	7.3	.6	.1	760
ND	1,988	1.3	1.2	.1	.3	330
OH	1,296	14.0	13.0	1.4	(Z)	550
OK	592	1.8	.8	.3	.9	1,000
OR	2,578	6.8	5.7	.2	5.9	3,200
PA	1,347	16.0	15.0	1.5	.2	920
RI	527	.5	.5	.1	(Z)	15
SC	1,983	6.2	6.0	.4	.1	280
SD	1,000	.7	.4	.1	.5	460
TN	2,176	10.0	9.6	.5	(Z)	270
TX	1,466	21.0	13.0	3.8	8.4	10,000
UT	3,125	4.6	3.6	.8	3.2	2,900
VT	664	.3	.3	(Z)	(Z)	41
VA	1,809	9.7	9.3	.6	(Z)	230
WA	2,001	8.3	7.5	.8	6.4	2,900
WV	2,872	5.6	5.4	.2	(Z)	200
WI	1,227	5.8	5.2	.6	.1	310
WY	11,368	5.4	4.8	.1	4.9	2,600
PR [4]	980	3.2	2.9	.4	.3	300

– Represents zero. Z Less than 50 million. [1] Based on population as of July 1. [2] Includes rural, industrial and steam electric withdrawal (not shown). [3] Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. [4] Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1980*, Circular 1001.

No. 339. U.S. Water Withdrawals and Consumption Per Day By End-Use: 1940 to 1980

[Includes Puerto Rico. See headnote, table 338. See also *Historical Statistics, Colonial Times to 1970,* series J 92-103]

YEAR	Total (bil. gal.)	Per capita [1] (gal.)	Irrigation (bil. gal.)	PUBLIC WATER UTILITIES [2]		Rural domestic [4] (bil. gal.)	Industrial and misc. [5] (bil. gal.)	Steam electric utilities (bil. gal.)
				Total (bil. gal.)	Per capita [3] (gal.)			
WITHDRAWALS								
1940	136	1,027	71	10	75	3.1	29	23
1950	180	1,185	89	14	145	3.6	37	40
1955	240	1,454	110	17	148	3.6	39	72
1960	270	1,500	110	21	151	3.6	38	100
1965	310	1,602	120	24	155	4.0	46	130
1970	370	1,815	130	27	166	4.5	47	170
1975	420	1,972	140	29	168	4.9	45	200
1980	450	1,953	150	34	183	5.6	45	210
CONSUMPTION								
1960	61	339	52	3.5	25	2.8	3.0	.2
1965	78	403	66	5.2	34	3.2	3.4	.4
1970	87	427	73	5.9	36	3.4	4.1	.8
1975	96	451	80	6.7	38	3.4	4.2	1.9
1980	100	440	83	7.1	38	3.9	5.0	3.2

[1] Based on Bureau of the Census resident population as of July 1. [2] Includes domestic central and commercial water withdrawals. [3] Based on population served. [4] Rural farm and nonfarm household and garden use, and water for farm stock and dairies. [5] For 1940–1960, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

Source: 1940–1960, U.S. Bureau of Domestic Business Development, based principally on committee prints, *Water Resources Activities in the United States,* for the Senate Committee on National Water Resources, U.S. Senate, thereafter U.S. Geological Survey, *Estimated Use of Water in the United States in 1980,* circular 1001 and previous quinquennial issues.

No. 340. National Ambient Water Quality in Rivers and Streams—Violation Rate: 1973 to 1982

[**In percent.** Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. Years refer to water years. A water year begins in Oct. and ends in Sept. μg=micrograms. mg=milligrams. For metric conversions, see p. xii]

POLLUTANT	VIOLATION LEVEL	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Fecal coliform bacteria	Above 200 cells per 100 ml	46	46	36	32	34	35	34	31	30	33
Dissolved oxygen	Below 5 mg per liter	6	4	5	6	11	5	4	5	4	5
Phosphorus	Above .1 mg per liter	7	7	5	5	5	5	3	4	4	3
Lead	Above 50 μg per liter	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13	5	3	2
Cadmium	Above 10 μg per liter	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	1	1	1

NA Not available.

Source: U.S. Geological Survey, unpublished data.

No. 341. Polluting Discharges Reported in U.S. Waters: 1970 to 1982

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1970, discharges	3,711	15,253	**1982**—Con.		
1971, discharges	8,736	8,840	Offshore	692	84
1972, discharges	9,931	18,806	Other	855	1,914
1973, discharges	13,328	24,315	Pipeline	563	1,357
1974, discharges	14,432	19,422	Marine facilities:		
1975, discharges	12,781	22,243	Onshore/offshore	631	558
1976, discharges	13,930	36,608	Land vehicles	434	442
1977, discharges	15,390	11,248	Land facilities	161	108
1978, discharges	14,495	17,557	Other or unknown	2,877	390
1979, discharges	13,134	13,661	Type of pollutant:		
1980, discharges	11,155	15,093	Crude oil	2,234	4,663
1981, discharges	10,564	19,773	Diesel oil	1,645	661
1982, discharges	**8,066**	**19,631**	Other oil	1,733	618
Vessel	1,906	11,436	Other or unknown	2,454	13,689
Tankship	232	9,555	Location:		
Tank barge	466	1,590	Atlantic Coast	1,558	8,924
Other	1,208	291	Gulf Coast	1,545	523
Nontransport facilities	1,639	2,065	Pacific Coast	943	138
Onshore	92	67	Great Lakes	11	2
			Inland	3,942	9,966

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters,* calendar years 1980 and 1982.

NO. 342. POPULATION SERVED BY SEWER SYSTEMS, BY DEGREE OF TREATMENT: 1960 TO 1982

[In millions, except percent. 1960 and 1970 not strictly comparable with later years]

ITEM	1960	1970	1978	1980	1982	ITEM	1960	1970	1978	1980	1982
U.S. population	180	203	220	224	230	Degree of treatment:					
Not served by sewers	70	58	66	65	66	Primary	36	(NA)	21	41	38
Percent of population	39	29	30	29	29	Advanced primary			26		
Served by sewers	110	145	154	159	164	Secondary	4	(NA)	56	63	68
Not treated	70	59	2	2	2	Advanced secondary			31	48	51
Treated	40	86	152	157	162	Tertiary			18	[1] 5	5

NA Not available. [1] Decrease in 1980 due to some tertiary plants being downgraded into other classifications of treatment.

Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1978–1982, U.S. Environmental Protection Agency, *Needs Survey, Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, biennial.

NO. 343. NATIONAL AMBIENT AIR POLLUTANT CONCENTRATIONS: 1975 TO 1982

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, except carbon monoxide is based on the second-highest, non-overlapping, 8-hour average; ozone, average of the second-highest daily maximum one hour value; and lead, quarterly average of ambient lead levels. $\mu g/m^3$ = micrograms of pollutant per cubic meter of air; ppm=parts per million]

POLLUTANT	Unit	Monitoring stations, number	Air quality standard	1975	1976	1977	1978	1979	1980	1981	1982
Carbon monoxide	ppm	196	[1]	11.68	11.09	10.37	9.84	9.38	8.68	8.64	8.01
Ozone	ppm	193	[2]	.154	.154	.153	.154	.139	.143	.129	.127
Sulfur dioxide	ppm	351	.03	.015	.015	.014	.012	.012	.011	.010	.010
Total suspended particulates	$\mu g/m^3$	1,768	75	60.0	60.8	60.2	59.6	[3] 60.0	[3] 61.6	[3] 58.0	50.8
Nitrogen dioxide	ppm	276	.053	.26	.26	.26	.28	.28	.27	.26	.26
Lead	$\mu g/m^3$	46	[4]	.88	.80	.88	.84	.69	.44	.44	.32
INDEX											
Carbon monoxide	1975=100	196	[1]	100	95	89	84	80	74	74	69
Ozone		193	[2]	100	100	99	100	90	93	84	82
Sulfur dioxide		351	.03	100	100	93	80	80	73	67	67
Total suspended particulates		1,768	75	100	101	100	99	[3] 100	[3] 103	[3] 97	85
Nitrogen dioxide		276	.053	100	100	100	108	108	104	100	100
Lead		46	[4]	100	91	100	95	78	50	50	36

[1] Based on 8-hour standard of 9 ppm. [2] Based on 1-hour standard of .12 ppm. [3] Values are biased high due to type of data measuring instruments used. [4] Based on 3-month standard of 1.5 $\mu g/m^3$.

Source: U.S. Environmental Protection Agency, *National Ambient Air Quality and Emissions Trends Report, 1982*, February 1984.

NO. 344. NATIONAL AIR POLLUTANT EMISSIONS, BY POLLUTANT AND EMISSIONS SOURCE: 1981

[In thousands of tons. Based on data collected in the National Emissions Data System (NEDS) on emissions sources. Point source data, which come from State air pollution control agencies, represent stationary facilities that are emitters of relatively large quantities (100 tons or more annually) of one or more air contaminants. Area sources are all sources not identified as point sources such as motor vehicles, aircraft, railroads, small stationary sources, forest fires, etc. Data will not agree with those shown in tables 345 and 346 due to different methodology employed]

EMISSIONS SOURCE	Particulates	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide	EMISSIONS SOURCE	Particulates	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide
Total	42,107	27,514	24,512	21,661	101,448	Chemical mfg	385	833	142	881	2,353
Area sources	37,270	2,246	12,898	16,896	93,115	Primary metal	385	1,821	42	78	198
Point sources	4,837	25,267	11,614	4,764	8,333	Petroleum ind	74	830	360	403	1,290
Fuel combustion	2,933	22,150	13,777	3,077	7,082	Solid waste disposal	463	57	124	724	2,405
Area sources	1,086	1,294	3,088	2,779	6,178	Area sources	378	18	77	652	2,001
Point sources	1,847	20,855	10,689	299	905	Point sources	85	39	48	71	404
External combustion	2,918	22,098	12,722	2,996	6,895	Residential (area)	348	10	64	628	1,939
Residential	946	196	403	1,920	5,806	Transport. (area)	6,529	927	9,518	8,146	77,832
Electric generation	1,257	17,505	7,890	62	322	Land vehicles	6,425	704	9,226	7,542	75,468
Industrial	629	3,761	4,087	1,000	693	Aircraft	73	13	125	179	916
Commercial/ institutional	85	636	342	13	74	Vessels	30	210	167	425	1,448
Internal combustion	16	52	1,055	82	187	Other (area) [1]	29,278	7	215	5,319	7,104
Industrial process (point) [1]	2,905	4,373	877	4,394	7,025	Forest wildfires	483	4	114	546	3,982
						Solvent [2]	–	–	–	3,382	–
						Gasoline station [2]	–	–	–	974	–
						Unpaved roads	28,225	–	–	–	–

– Represents zero. [1] Includes sources not shown separately. [2] Evaporation loss.

Source: U.S. Environmental Protection Agency, *1980 National Emissions Report of the National Emissions Data System—EPA—450/4-82-010*, unpublished.

No. 345. National Air Pollutant Emissions: 1970 to 1982

[In millions of metric tons. Metric ton=1.1023 short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Carbon monoxide	100.2	98.6	95.7	91.6	86.5	82.4	87.2	83.0	82.3	79.5	77.6	75.3	73.6
Sulfur dioxides	28.4	26.9	27.6	28.9	27.0	25.7	26.3	26.3	24.6	24.6	23.3	22.5	21.4
Volatile organic compounds	25.3	24.5	24.5	24.0	22.5	21.0	22.1	21.9	22.4	21.9	20.8	19.4	18.2
Particulates [1]	18.0	16.8	15.0	13.9	12.3	10.3	9.6	9.0	8.9	9.0	8.6	8.1	7.5
Nitrogen oxides	18.1	18.5	19.7	20.2	19.7	19.2	20.4	21.0	21.2	21.3	20.7	20.9	20.2

[1] Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1940–1982*, Feb. 1984.

No. 346. Air Pollutant Emissions, by Pollutant and Source: 1970 and 1982

[In millions of metric tons, except percent. Metric ton=1.1023 short tons]

YEAR AND POLLUTANT	Total emissions	CONTROLLABLE EMISSIONS						Misc. uncontrollable	PERCENT OF TOTAL		
		Transportation		Fuel combustion [1]		Industrial processes	Solid waste disposal		Transportation	Fuel combustion [1]	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide	100.2	73.7	64.6	3.9	.2	9.0	6.4	7.2	73.6	3.9	9.0
Sulfur oxides	28.4	.6	.3	21.3	15.8	6.4	(Z)	.1	2.1	75.0	22.5
Volatile organic compounds	25.3	10.6	9.4	.9	(Z)	8.7	1.8	3.3	41.9	3.6	34.4
Particulates [2]	18.0	1.2	.9	4.5	2.3	10.1	1.1	1.1	6.7	25.0	56.1
Nitrogen oxides	18.1	7.6	6.0	9.1	4.6	.7	.4	.3	42.0	50.3	3.9
1982: Carbon monoxide	73.6	53.3	46.3	6.6	.3	4.8	2.1	6.8	72.4	9.0	6.5
Sulfur oxides	21.4	.9	.5	17.4	14.3	3.1	(Z)	(Z)	4.2	81.3	14.5
Volatile organic compounds	18.2	6.1	4.8	2.0	(Z)	7.1	.6	2.4	33.5	11.0	39.0
Particulates [2]	7.5	1.3	1.1	2.4	1.0	2.4	.4	1.0	17.3	32.0	32.0
Nitrogen oxides	20.2	9.7	7.8	9.6	6.2	.6	.1	.2	48.0	47.5	3.0

Z Less than 50,000 metric tons. [1] Stationary. [2] See footnote 1, table 345.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1940–1982*, Feb. 1984.

No. 347. Ratio of Highest Reported Pollutant Concentration to Air Quality Standards—Index, by Selected SMSA's: 1981 and 1982

[Pollutant concentrations reported are the highest levels measured within the SMSA(s). The index relates these reported levels for a pollutant to the National Ambient Air Quality Standards (NAAQS) for each pollutant (see table 343). For example, a reported carbon monoxide level of 13 ppm for the New York, NY–NJ SMSA is divided by the standard of 9 ppm and multiplied by 100 to give the index value of 144 for 1982. Caution should be used in attempting to compare SMSA's according to their air quality. For definition of standard metropolitan statistical area (SMSA), see Appendix II]

STANDARD METROPOLITAN STATISTICAL AREA	CARBON MONOXIDE		SULFUR DIOXIDES		OZONE		SUSPENDED PARTICULATES		NITROGEN DIOXIDES		LEAD	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
New York, NY–NJ	167	144	83	83	150	142	91	79	64	68	25	41
Los Angeles-Long Beach, CA	233	[1] 211	37	10	292	267	161	112	134	117	105	112
Chicago, IL	111	156	50	40	117	100	148	115	98	98	59	54
Philadelphia, PA–NJ	111	133	73	67	142	150	109	91	87	74	87	105
Detroit, MI	133	111	57	60	125	133	155	149	72	36	23	(NA)
San Francisco–Oakland, CA	78	100	17	30	117	117	75	71	51	51	29	37
Washington, DC–MD–VA	144	133	57	60	125	125	87	71	64	68	32	47
Dallas–Fort Worth, TX	78	78	10	10	125	142	103	104	32	36	57	47
Houston, TX	78	111	17	30	192	175	201	177	47	45	50	17
Boston, MA	111	233	63	60	108	[1] 133	83	95	77	68	25	72
Nassau-Suffolk, NY	122	111	37	40	117	108	75	72	53	62	(NA)	48
St. Louis, MO–IL	122	[1] 100	73	67	125	133	253	179	49	47	485	254
Pittsburgh, PA	122	122	150	153	133	117	133	87	64	58	27	27
Baltimore, MD	144	133	50	67	142	117	120	96	57	60	41	57
Minneapolis-St. Paul, MN–WI	[1] 144	156	50	60	83	83	133	97	53	43	207	531
Atlanta, GA	111	89	30	(NA)	117	117	105	84	(NA)	30	27	39
Newark, NJ	144	144	70	57	117	142	127	96	64	85	35	61
Anaheim-Santa Ana-Garden Grove, CA	133	[1] 122	23	(NA)	258	[1] 150	139	115	115	91	65	61
Cleveland, OH	111	100	63	77	100	108	172	135	74	70	37	28
San Diego, CA	100	100	23	23	200	175	127	101	81	57	60	54
Miami, FL	167	122	10	10	117	117	129	64	34	43	59	101
Denver-Boulder, CO	311	167	43	33	108	117	244	225	89	74	69	35
Seattle-Everett, WA	156	133	50	50	100	75	116	99	42	91	35	55
Tampa-St. Petersburg, FL	89	78	33	30	100	100	109	76	57	42	45	73
Riverside-San Bernardino-Ontario, CA	100	78	23	20	283	267	209	136	92	83	67	43
Phoenix, AZ	211	200	20	(NA)	133	100	237	187	21	58	93	83
Cincinnati, OH–KY–IN	111	89	47	50	108	108	112	104	58	64	25	34
Milwaukee, WI	100	100	30	33	142	108	97	83	49	53	24	25
Kansas City, MO–KS	167	133	63	47	100	83	128	95	26	34	29	19

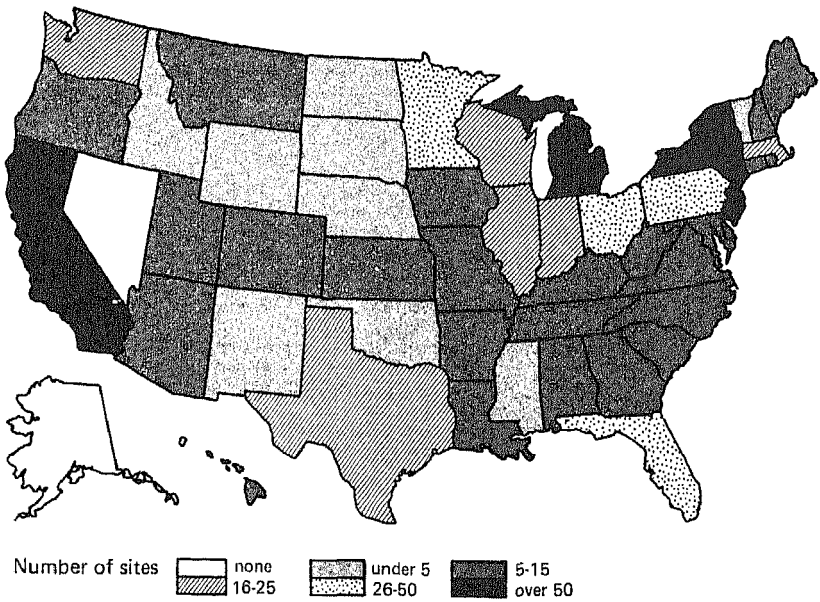
NA Not available. [1] Incomplete reporting.

Source: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report, 1982.*

Figure 7.2

Hazardous Waste Sites (Final and Proposed) - Number of Sites on National Priority List, September 1984

[Represents targeted hazardous waste sites identified for action under the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (also known as "Superfund"). Superfund is a national trust fund (about $1.6 billion) established by Congress for cleaning up environmental problems when the public health or environment is threatened by hazardous wastes improperly disposed of in the past or by spills of hazardous substances]



Total sites in U.S.: 786[1]

[1] Includes eight in Puerto Rico; and one each in American Samoa, Guam, Marianas, and Trust Territories.

Source: U.S. Environmental Protection Agency, Background Information, National Priorities List, September 1984.

No. 348. Solid Waste Disposal, by Selected Manufacturing Industry Group: 1974 to 1982

[**In thousands of short tons.** Excludes recovered materials. Data include both wet and dry weight figures. Excludes apparel and other textile, and, beginning 1978, establishments with less than 20 employees]

SIC[1]	INDUSTRY GROUP	1974	1975	1976	1977	1978	1979	1980	1981	1982
(x)	**All industries[2]**	133,325	139,051	156,826	159,954	160,753	163,678	149,873	145,796	99,429
20	Food	11,501	12,641	14,965	13,088	13,392	13,971	14,410	13,155	9,783
24	Lumber and wood	6,887	8,143	9,328	6,311	6,662	6,506	5,893	6,419	3,747
26	Paper	8,837	9,123	10,146	10,648	10,947	13,253	12,251	11,299	11,452
28	Chemicals	38,155	38,695	50,282	55,719	48,803	45,407	43,491	43,673	36,028
29	Petroleum	2,388	2,038	2,592	2,873	3,585	3,075	4,873	4,667	4,431
32	Stone, clay, glass	9,337	11,345	11,088	12,617	12,742	14,143	13,336	12,098	5,814
33	Primary metal	40,800	42,708	42,353	41,742	46,068	47,783	37,523	35,967	16,670
34	Fabricated metals	2,127	1,933	2,089	1,951	1,992	2,031	1,864	1,801	1,436
35	Machinery exc. electrical	2,714	2,720	3,067	3,581	3,410	3,524	3,000	2,818	1,630
36	Electric equipment	1,534	1,500	1,500	1,495	1,777	2,319	2,148	1,683	1,250
37	Transportation equipment	4,207	3,785	4,284	4,749	5,242	4,253	4,168	3,966	2,693

X Not applicable. [1] Standard Industrial classification; see text, p. 388. [2] Includes industries not shown separately.
Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

No. 349. Solid Waste Generation, Recovery, and Disposal: 1960 to 1980

[**In millions of tons, except as indicated.** Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated]

ITEM AND MATERIAL	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Gross waste generated	86.9	104.8	131.1	143.1	135.6	143.2	146.6	150.4	155.8	155.6
Per person per day (lb.)	2.64	2.96	3.50	3.67	3.44	3.60	3.65	3.70	3.79	3.74
Net waste disposed of	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.9	143.6	142.8
Per person per day (lb.)	2.45	2.77	3.30	3.40	3.21	3.33	3.36	3.42	3.50	3.44
Resources recovered	6.1	6.4	7.7	10.5	8.9	10.7	11.7	11.5	12.2	12.7
Per person per day (lb.)	.18	.18	.21	.27	.23	.27	.29	.28	.30	.31
Percent of gross discards:										
Paper	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1	20.0	20.6
Glass	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3	3.5	4.9
Metal	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5	4.1	4.1
Aluminum	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3	12.1	14.8
Rubber	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3	4.0	3.9

NA Not available.

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, KS.

No. 350. Synthetic Organic Pesticides—Production and Sales: 1960 to 1982

[Includes a small quantity of soil conditioners]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Production, total	**Mil. lb.**	**646**	**877**	**1,034**	**1,603**	**1,354**	**1,388**	**1,416**	**1,429**	**1,468**	**1,430**	**1,102**
Herbicides	Mil. lb	102	263	404	788	656	674	664	657	806	839	613
Insecticides	Mil. lb	366	490	490	660	566	570	605	617	506	448	379
Fungicides	Mil. lb	179	124	140	155	142	143	147	155	156	143	110
Production value [1]	Mil. dol	307	577	1,058	2,900	2,880	3,116	3,342	3,685	4,269	5,146	4,311
Sales, total	**Mil. lb**	**570**	**764**	**881**	**1,317**	**1,193**	**1,263**	**1,300**	**1,389**	**1,406**	**1,291**	**1,147**
Sales value [1]	Mil. dol	262	497	870	2,359	2,410	2,808	3,041	3,631	4,078	4,652	4,432

[1] Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1982. Based on data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

No. 351. Pesticide Residues in Human Adipose Tissue—Concentration Levels: 1970 to 1979

[**In parts per million (ppm).** Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue collected by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Monitoring Program]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
DDT	8.07	8.24	7.06	6.09	5.34	4.97	4.69	3.47	3.91	3.64
Dieldrin	.23	.26	.22	.22	.18	.17	.15	.12	.12	.11
Oxychlordane	(NA)	.08	.14	.14	.14	.14	.14	.12	.13	.13
Heptachlor epoxide	.14	.11	.11	.11	.10	.11	.10	.09	.09	.10
trans-Nonachlor	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.17	.12	.16	.17
beta-Benzene hexachloride	.47	.42	.33	.32	.28	.25	.26	.20	.20	.22
Hexachlorobenzene	(NA)	(NA)	(NA)	(NA)	.43	.05	.05	.05	.05	.05

NA Not available.

Source: U.S. Environmental Protection Agency, Office of Toxic Substances, "Trends of Organochlorine Pesticide Residues in Human Tissue," 1981, and unpublished data.

No. 352. Threatened and Endangered Wildlife and Plant Species—Number: 1984

[As of **Feb. 29.** Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species, total	267	210	74	13	44	4	24	3	7	61
U.S. only	15	52	8	5	30	3	22	3	7	56
U.S. and foreign	19	14	6	-	3	-	-	-	-	3
Foreign only [1]	233	144	60	8	11	1	2	-	-	-
Threatened species, total	25	3	25	3	13	5	-	1	6	13
U.S. only	3	3	8	3	12	5	-	1	4	9
U.S. and foreign	-	-	4	-	1	-	-	-	2	2
Foreign only [1]	22	-	13	-	-	-	-	-	-	2

- Represents zero. [1] Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Mar. 1984, vol. IX, No. 3.

No. 353. Pollution Abatement and Control Expenditures, 1974 to 1982, and by Media, 1982

[In millions of dollars, except percent. Excludes agricultural production of crops and livestock except feedlots]

Type	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.			
									Total [1]	Air	Water	Solid waste
CURRENT DOLLARS												
Total expenditures	**26,261**	**30,923**	**34,681**	**37,962**	**43,416**	**49,904**	**55,368**	**58,638**	**58,342**	**27,003**	**22,198**	**9,790**
Percent Government	28.4	28.2	27.8	26.5	27.6	26.1	24.5	21.5	21.3	3.8	33.6	33.0
Pollution abatement	24,678	29,167	32,677	35,652	40,833	47,062	52,350	55,505	55,452	25,811	21,429	9,532
Personal consumption	2,667	3,463	3,994	4,311	4,762	5,646	6,808	8,368	8,684	8,684	–	–
Durable goods	690	1,361	1,821	2,166	2,525	2,912	3,557	4,861	5,036	5,036	–	–
Nondurable goods and services	1,977	2,102	2,173	2,145	2,237	2,734	3,251	3,507	3,648	3,648	–	–
Business	15,527	18,134	20,335	22,761	25,692	30,066	33,946	36,556	36,335	16,592	14,663	6,543
Government	6,484	7,570	8,348	8,580	10,380	11,350	11,596	10,581	10,433	536	6,767	2,989
Federal	294	432	472	490	472	548	494	506	532	95	247	70
State and local	1,591	1,752	1,834	1,963	2,212	2,461	2,778	3,041	3,221	–	281	2,919
Govt. enterprise fixed capital	4,598	5,387	6,042	6,128	7,697	8,341	8,324	7,034	6,680	441	6,239	–
Regulation and monitoring	595	653	725	833	949	1,067	1,296	1,378	1,352	340	525	191
Research and development	988	1,103	1,279	1,478	1,633	1,775	1,722	1,756	1,538	851	244	67
CONSTANT (1972) DOLLARS												
Total expenditures	**21,307**	**23,008**	**24,325**	**24,800**	**26,330**	**26,936**	**26,353**	**25,650**	**24,422**	**10,856**	**9,232**	**4,513**
Pollution abatement	19,951	21,644	22,868	23,230	24,696	25,236	24,698	24,057	23,026	10,272	8,867	4,389
Personal consumption	2,116	2,589	2,857	2,945	3,066	3,100	3,211	3,820	3,897	3,897	–	–
Business	12,372	13,057	13,789	14,315	15,011	15,651	15,409	15,132	14,320	6,152	5,724	3,005
Government	5,463	5,998	6,221	5,970	6,619	6,486	6,078	5,105	4,809	223	3,143	1,384
Regulation and monitoring	515	517	538	577	620	653	728	718	635	157	246	92
Research and development	840	847	920	993	1,014	1,046	927	875	761	427	119	32

– Represents zero. [1] Includes "other and unallocated" expenditures (such as for noise, radiation, and pesticide pollution and business expenditures not assigned to media) which may be either positive or negative. Therefore, data may not add.

No. 354. Air and Water Pollution Abatement and Control Expenditures in Constant (1972) Dollars: 1974 to 1982

[In millions of dollars. See headnote, table 353]

Year	Air						Water				
	Total	Mobile sources [1]			Stationary sources		Total	Industrial		Public sewer systems [4]	
		Total	Cars	Trucks	Total [2]	Industrial					
						Facilities	Operations [3]		Facilities	Operations [3]	Facilities	Operations [3]
1974	7,428	3,315	2,751	564	4,113	2,745	1,216	8,535	1,596	1,023	4,482	1,435
1975	8,514	4,119	3,362	757	4,395	2,926	1,317	9,298	1,945	1,062	4,765	1,524
1976	8,912	4,579	3,610	970	4,333	2,638	1,498	9,916	2,138	1,210	4,960	1,609
1977	9,104	4,820	3,711	1,109	4,284	2,457	1,621	9,923	2,050	1,337	4,795	1,740
1978	9,435	5,142	3,756	1,385	4,293	2,377	1,724	10,823	1,928	1,525	5,493	1,877
1979	9,974	5,425	3,717	1,708	4,549	2,498	1,829	10,692	1,809	1,617	5,323	1,944
1980	10,216	5,545	4,003	1,542	4,672	2,541	1,867	9,943	1,698	1,530	4,787	1,929
1981	10,816	6,447	4,916	1,531	4,369	2,255	1,864	8,662	1,425	1,525	3,745	1,967
1982, prel.	10,272	6,349	4,752	1,597	3,923	2,000	1,667	8,282	1,329	1,481	3,423	2,048

[1] Excludes expenditures to reduce emissions from sources other than cars and trucks. [2] Includes other expenditures not shown separately. [3] Operation of facilities. [4] Includes expenditures for private connectors to sewer systems, by owners of animal feedlots, and by government enterprises.

No. 355. Federal Grants-in-Aid to State and Local Governments for Pollution Abatement and Control: 1972 to 1982

[In millions of dollars]

Activity	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS											
Pollution abatement and control	922.8	1,056.9	2,241.8	2,869.6	3,385.9	4,060.5	4,149.8	5,098.7	5,239.9	4,988.9	4,770.4
Pollution abatement	758.0	915.9	2,112.0	2,720.8	3,189.1	3,814.9	3,878.8	4,797.2	4,926.9	4,684.3	4,474.8
Regulation and monitoring	65.7	76.2	91.1	101.6	151.4	194.3	214.2	230.9	249.1	276.6	259.9
Research and development	99.1	64.8	38.7	47.2	45.4	51.3	56.8	70.6	63.9	28.0	35.7
CONSTANT (1972) DOLLARS [1]											
Pollution abatement and control	922.8	982.9	1,906.1	2,304.0	2,545.6	2,847.3	2,644.1	2,914.0	2,777.0	2,440.5	2,220.0
Pollution abatement	758.0	850.5	1,794.2	2,186.4	2,401.3	2,679.1	2,470.6	2,733.9	2,607.5	2,291.7	2,081.5
Regulation and monitoring	65.7	71.0	77.9	79.4	109.8	131.6	135.6	136.8	134.3	134.1	120.7
Research and development	99.1	61.4	34.0	38.2	34.5	36.6	37.9	43.3	35.2	14.7	17.8

[1] Estimates are derived using measures of price change of goods and services purchased by State and local governments for pollution abatement and control.

Source of tables 353–355: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1984.

No. 356. New Capital Business Expenditures for Pollution Abatement: 1975 to 1984

SIC [1]	Industry	Pollution abatement expenditures (bil. dol.)								Percent of total capital outlays by business [3]		
		1975	1980	1981	1982	1983				1975	1980	1984 [2]
						Total	Air	Water	Solid waste			
									1984 [2] planned			
(X)	**Total nonfarm business**	**6.97**	**9.20**	**8.93**	**8.49**	**7.24**	**3.66**	**2.90**	**.68**	**7.64**	**4.4**	**3.1**	**2.2**
(X)	Manufacturing	4.93	5.52	5.42	4.72	4.01	1.72	1.94	.36	4.31	9.0	4.8	3.3
(X)	Durable goods [4]	1.90	2.27	1.97	1.76	1.33	.65	.55	.13	1.62	7.2	3.8	2.6
33	Primary metals	1.02	.98	.78	.76	.36	.19	.15	.02	.50	17.5	12.7	6.9
35	Machinery, except electrical	.09	.15	.15	.18	.26	.08	.15	.04	.28	1.8	1.3	1.9
36	Electrical machinery	.09	.16	.18	.15	.14	.04	.08	.01	.15	2.8	1.6	1.1
37	Transportation equipment	.16	.52	.46	.40	.30	.17	.10	.03	.33	2.7	2.9	2.0
(X)	Nondurable goods [4]	3.03	3.25	3.46	2.96	2.68	1.06	1.39	.23	2.69	10.6	5.7	4.0
20	Food, incl. beverage	.29	.27	.30	.38	.25	.13	.10	.02	.20	7.2	3.7	3.0
26	Paper	.50	.39	.38	.30	.25	.16	.07	.02	.39	16.7	5.8	5.5
28	Chemicals	.82	.73	.88	.67	.57	.24	.28	.05	.55	10.8	5.8	3.8
29	Petroleum	1.27	1.71	1.76	1.50	1.55	.51	.91	.12	1.50	13.2	8.3	5.7
(X)	Nonmanufacturing [4]	2.04	3.69	3.51	3.77	3.23	1.94	.96	.32	3.33	2.0	2.1	1.6
(5)	Mining	.14	.48	.46	.52	.26	.08	.14	.05	.26	2.3	3.6	1.8
49	Public utilities	1.51	2.88	2.80	3.00	2.77	1.78	.75	.24	2.85	7.5	8.1	6.4

X Not applicable. [1] Standard Industrial Classification, see text, p. 388. [2] Expenditures planned as of January and February 1984. [3] Based on outlays reported in source; see also table 896. [4] Includes industries not shown separately. [5] Includes SIC groups 10, 11, 12, and 13.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1984 and earlier issues.

No. 357. Pollution Abatement Capital Expenditures and Operating Costs, 1978 to 1982, and by Selected Manufacturing Industry Group, 1982

[**In millions of dollars.** Based on probability sample of about 20,000 manufacturing establishments. Excludes apparel and other textile establishments and establishments with less than 20 employees. Data will not agree with those shown in table 356; see source for details]

Year and industry group	Pollution abatement capital expenditures				Pollution abatement gross operating costs [1]			
	Total	Air	Water	Solid waste	Total	Air	Water	Solid waste
1978	3,279.3	1,853.6	1,246.5	178.9	6,275.7	2,527.4	2,529.9	1,218.2
1979	3,564.5	2,071.9	1,245.7	246.8	7,399.9	3,061.8	3,015.6	1,322.5
1980	3,502.9	2,105.5	1,146.5	251.0	8,141.8	3,297.8	3,193.1	1,650.6
1981	3,484.9	2,193.6	1,028.4	263.1	9,109.9	3,697.8	3,554.3	1,855.7
All industries, 1982 [2]	**3,024.1**	**1,828.2**	**977.4**	**218.5**	**8,565.0**	**3,455.9**	**3,488.5**	**1,619.9**
Paper	313.4	190.0	93.7	29.7	796.0	206.7	455.2	134.0
Chemicals	627.6	272.8	258.5	96.3	2,106.5	556.1	1,112.3	438.2
Petroleum	712.1	533.2	165.7	13.1	1,800.8	1,195.1	472.0	133.7
Primary metal	569.6	423.1	133.7	13.0	1,513.6	897.2	448.4	167.6

[1] Includes payments to governmental units. [2] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

No. 358. Tornadoes, Floods, and Tropical Cyclones: 1946 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series J 268–278]

Item	1946–1955	1956–1965	1966–1975	1974	1975	1976	1977	1978	1979	1980	1981	1982
Tornadoes, number [1]	2,969	6,572	8,030	947	920	835	852	788	852	866	783	1,046
Lives lost, total	1,751	924	1,172	361	60	44	43	53	84	28	24	64
Most in a single tornado	189	44	58	34	9	5	22	16	42	5	5	10
Property loss of $500,000 and over	130	191	428	107	42	46	46	59	73	92	55	92
Floods: Lives lost	808	557	1,528	121	114	187	212	125	103	97	90	155
Property loss (mil. dol.)	3,350	2,721	10,225	576	1,051	1,000	1,393	1,000	4,000	1,500	1,000	3,500
North Atlantic tropical cyclones and hurricanes: [2]												
Number reaching U.S. coast	40	33	25	1	1	2	1	2	5	2	2	1
Hurricanes only	21	14	13	1	1	1	1	-	3	1	-	-
Lives lost in U.S.	495	692	504	1	21	9	-	35	11	2	-	-

- Represents zero. [1] A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular- or funnel-shaped cloud, usually characterized by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." [2] Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, 1946–1980, *Climatological Data: National Summary*, monthly with annual summary; thereafter, *Storm Data*, monthly.

NO. 359. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

(In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, *1951 through 1980.* See *Historical Statistics, Colonial Times to 1970,* series J 110–136 and J 164–267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	50.8	53.6	60.1	68.0	74.9	80.5	82.2	81.8	78.2	68.5	58.6	53.1	67.5
AK	Juneau	21.8	27.8	31.2	39.1	46.5	52.7	55.7	54.6	49.2	41.8	32.7	26.8	40.0
AZ	Phoenix	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.2
AR	Little Rock	39.9	44.1	52.2	62.4	70.5	78.5	82.1	81.0	74.3	63.1	51.2	43.2	61.9
CA	Los Angeles	56.0	57.1	57.4	59.5	62.4	65.6	69.0	70.3	69.5	66.3	61.2	57.0	62.6
	Sacramento	45.3	50.3	53.2	58.2	64.9	71.2	75.6	74.7	71.7	63.9	53.0	45.6	60.6
	San Francisco	48.5	51.6	52.8	54.8	57.8	60.8	62.2	63.0	63.9	60.6	54.5	49.2	56.6
CO	Denver	29.5	33.6	38.0	47.4	57.2	67.0	73.3	71.4	62.6	51.9	38.7	32.6	50.3
CT	Hartford	25.2	27.6	36.8	48.8	59.4	68.6	73.4	71.3	63.3	52.4	41.6	29.1	49.8
DE	Wilmington	31.2	33.2	41.8	52.4	62.2	71.2	76.0	74.8	67.9	56.3	45.6	35.5	54.0
DC	Washington	35.2	37.5	45.8	56.7	66.0	74.5	78.9	77.6	71.1	59.3	48.7	38.9	57.5
FL	Jacksonville	53.2	55.1	61.3	67.7	74.1	79.0	81.3	81.0	78.2	69.5	60.8	54.8	68.0
	Miami	67.1	67.8	71.7	75.3	78.5	81.0	82.4	82.8	81.8	77.9	72.8	68.5	75.6
GA	Atlanta	41.9	44.9	52.5	61.8	69.3	75.8	78.6	78.2	73.0	62.2	52.0	44.5	61.2
HI	Honolulu	72.6	72.9	74.4	75.7	77.5	79.1	80.1	81.0	80.6	79.5	76.6	74.0	77.0
ID	Boise	29.9	36.1	41.4	48.6	57.4	65.8	74.6	72.0	63.2	51.9	38.7	32.0	51.1
IL	Chicago	21.4	26.0	36.0	48.8	59.1	68.6	73.0	71.9	64.7	53.5	39.8	27.7	49.2
	Peoria	21.5	26.8	37.3	51.3	61.6	71.2	75.0	73.1	65.6	53.9	39.8	27.8	50.4
IN	Indianapolis	26.0	29.9	40.0	52.4	62.5	71.6	75.1	73.2	66.8	54.8	41.8	31.5	52.1
IA	Des Moines	18.6	24.5	35.1	50.5	62.1	71.6	76.3	73.9	65.1	54.2	38.6	25.7	49.7
KS	Wichita	29.6	35.1	44.1	56.3	65.9	76.1	81.4	79.7	70.6	59.1	44.3	34.4	56.4
KY	Louisville	32.5	35.9	45.1	56.6	65.4	73.7	77.6	76.4	69.9	57.7	46.1	37.2	56.2
LA	New Orleans	52.4	54.7	61.4	68.7	74.9	80.3	82.1	81.7	78.5	69.2	60.0	54.6	68.2
ME	Portland	21.5	23.0	32.1	42.8	52.8	62.2	68.1	66.8	58.6	48.4	38.4	25.8	45.0
MD	Baltimore	32.7	34.7	43.3	54.0	63.4	72.2	76.8	75.6	68.9	56.9	46.3	36.5	55.1
MA	Boston	29.6	30.7	38.4	48.7	58.5	68.0	73.5	71.9	64.6	54.8	45.2	33.7	51.5
MI	Detroit	23.4	25.8	35.0	47.4	58.1	67.7	71.9	70.5	63.3	51.9	39.5	28.5	48.6
	Sault Ste. Marie	13.3	14.3	23.9	38.1	49.7	58.4	63.5	62.9	54.8	45.3	32.8	19.7	39.7
MN	Duluth	6.3	12.0	22.9	38.3	50.3	59.4	65.3	63.2	54.0	44.2	28.2	13.8	36.2
	Minneapolis-St. Paul	11.2	17.5	29.2	46.0	58.5	68.1	73.1	70.6	60.6	49.6	33.2	19.2	44.7
MS	Jackson	45.7	49.1	56.3	65.1	72.5	79.2	81.9	81.2	76.4	65.0	54.9	48.6	64.6
MO	Kansas City	25.9	32.1	41.5	54.8	64.6	73.6	78.5	76.7	68.4	57.5	43.1	31.9	54.1
	St. Louis	28.8	33.8	43.2	56.1	65.6	74.8	78.9	77.0	69.7	57.9	44.6	34.2	55.4
MT	Great Falls	18.7	26.7	31.4	42.7	53.2	61.9	69.3	67.5	57.4	47.9	34.0	25.7	44.7
NE	Omaha	20.2	27.2	37.3	52.2	63.3	73.0	77.7	75.2	65.8	54.5	39.5	27.2	51.1
NV	Reno	32.2	37.4	40.6	46.4	54.6	62.4	69.5	66.9	60.2	50.3	39.7	32.5	49.4
NH	Concord	19.9	22.2	32.1	44.1	55.2	64.7	69.5	67.3	59.1	48.2	37.3	24.5	45.3
NJ	Atlantic City	31.8	33.2	41.0	51.0	60.5	69.2	74.4	73.0	66.6	55.5	45.6	35.8	53.1
NM	Albuquerque	34.8	39.4	46.2	55.1	64.3	74.5	78.8	76.1	69.0	57.4	44.0	35.6	56.2
NY	Albany	21.1	23.4	33.6	46.6	57.5	66.7	71.4	69.2	61.2	50.5	39.3	26.5	47.3
	Buffalo	23.5	24.5	33.0	45.4	56.1	66.0	70.7	68.9	62.1	51.5	40.3	28.8	47.6
	New York[1]	31.8	33.4	41.4	52.4	62.5	71.4	76.7	75.4	68.3	57.7	47.2	36.2	54.5
NC	Charlotte	40.5	42.9	50.4	60.3	68.2	75.0	78.5	77.9	72.0	60.7	50.7	42.6	60.0
	Raleigh	39.6	41.6	49.3	59.5	67.2	73.9	77.7	77.0	71.0	59.7	50.0	42.0	59.0
ND	Bismarck	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
OH	Cincinnati	30.3	33.5	43.0	54.7	64.3	72.4	76.1	75.0	68.5	56.7	44.6	34.9	54.5
	Cleveland	25.5	27.4	36.6	48.1	58.2	67.6	71.6	70.4	64.1	53.2	41.8	31.1	49.6
	Columbus	27.1	29.8	40.0	51.4	61.4	70.2	73.8	72.4	65.8	53.9	42.1	32.1	51.7
OK	Oklahoma City	35.9	40.8	49.1	60.2	68.4	77.0	82.1	81.1	73.3	62.3	48.8	39.9	59.9
OR	Portland	38.9	43.2	45.9	50.4	56.7	62.5	67.7	67.3	62.7	54.3	45.5	40.9	53.0
PA	Philadelphia	31.2	33.1	41.8	52.9	62.8	71.6	76.5	75.3	68.2	56.5	45.8	35.5	54.3
	Pittsburgh	25.7	28.8	38.5	50.1	59.7	68.1	72.0	70.6	64.1	52.5	41.6	31.4	50.3
RI	Providence	28.2	29.3	37.4	47.9	57.6	66.8	72.5	71.1	63.5	53.2	43.4	32.3	50.3
SC	Columbia	44.7	47.1	54.5	63.8	71.5	77.7	81.0	80.2	74.8	63.4	53.9	46.7	63.3
SD	Sioux Falls	12.4	19.1	30.4	46.3	58.2	68.4	74.0	71.8	61.0	49.4	33.0	19.7	45.3
TN	Memphis	39.6	43.5	51.7	62.6	71.0	78.7	82.1	80.6	74.2	62.9	51.3	43.3	61.8
	Nashville	37.1	40.4	49.0	59.6	68.1	75.8	79.4	78.4	72.3	60.2	48.6	40.9	59.2
TX	Dallas-Fort Worth	44.0	48.5	56.1	65.9	73.7	82.0	86.3	85.5	78.6	67.9	55.6	47.8	66.0
	El Paso	44.2	48.4	55.1	63.6	71.9	80.8	82.5	80.3	74.1	63.6	51.4	44.4	63.4
	Houston	51.4	54.5	61.0	68.7	74.9	80.6	83.1	82.6	78.4	69.7	60.1	54.0	68.3
UT	Salt Lake City	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.7
VT	Burlington	16.6	18.1	29.2	42.7	55.2	64.9	69.6	67.1	58.8	47.9	36.6	22.6	44.1
VA	Norfolk	39.9	41.1	48.5	58.2	66.4	74.3	78.4	77.7	72.2	61.3	51.9	43.5	59.5
	Richmond	36.6	38.9	47.2	57.9	66.1	73.5	77.8	76.8	70.2	58.6	48.9	39.9	57.7
WA	Seattle-Tacoma	39.1	42.8	44.2	48.7	55.0	60.2	64.8	64.1	60.0	52.5	44.8	41.0	51.4
	Spokane	25.7	32.4	37.6	45.8	54.3	61.7	69.7	68.1	59.4	47.6	34.9	28.0	47.2
WV	Charleston	32.9	35.6	44.8	55.3	63.9	71.0	74.5	73.7	67.6	55.9	45.3	36.9	54.8
WI	Milwaukee	18.7	23.0	32.1	44.6	54.8	64.9	70.5	69.3	61.9	50.9	37.3	25.1	46.1
WY	Cheyenne	26.1	29.3	32.1	41.8	52.2	62.0	68.9	66.8	57.9	47.5	34.8	29.3	45.7
PR	San Juan	76.5	76.6	77.5	78.8	80.3	81.7	82.0	82.2	81.9	81.4	79.6	77.7	79.7

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States,* No. 81, Sept. 1982.

NO. 360. NORMAL DAILY MAXIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	60.6	63.9	70.3	78.3	84.9	90.2	91.2	90.7	87.0	79.4	69.3	63.1	77.4
AK	Juneau	27.4	33.7	37.4	46.8	54.7	61.1	64.0	62.6	55.9	47.0	37.5	31.5	46.6
AZ	Phoenix	65.2	69.7	74.5	83.1	92.4	102.3	105.0	102.3	98.2	87.7	74.3	66.4	85.1
AR	Little Rock	49.8	54.5	63.2	73.8	81.7	89.5	92.7	92.3	85.6	75.8	62.4	53.2	72.9
CA	Los Angeles	64.6	65.5	65.1	66.7	69.1	72.0	75.3	76.5	76.4	74.0	70.3	66.1	70.1
	Sacramento	52.6	59.4	64.1	71.0	79.7	87.4	93.3	91.7	87.6	77.7	63.2	53.2	73.4
	San Francisco	55.5	59.0	60.6	63.0	66.3	69.6	71.0	71.8	73.4	70.0	62.7	56.3	64.9
CO	Denver	43.1	46.9	51.2	61.0	70.7	81.6	88.0	85.8	77.5	66.8	52.4	46.1	64.3
CT	Hartford	33.6	36.3	45.5	60.0	71.4	80.1	84.8	82.6	74.8	63.9	50.6	37.3	60.1
DE	Wilmington	39.2	41.8	50.9	63.0	72.7	81.2	85.6	84.1	77.8	66.7	54.8	43.6	63.5
DC	Washington	42.9	45.9	55.0	67.1	75.9	84.0	87.9	86.4	80.1	68.9	57.4	46.6	66.5
FL	Jacksonville	64.6	66.8	73.3	79.7	85.2	88.9	90.7	90.2	86.9	79.7	72.4	66.3	78.7
	Miami	75.0	75.8	79.3	82.4	85.1	87.3	88.7	89.2	87.8	84.2	79.8	76.2	82.6
GA	Atlanta	51.2	55.3	63.2	73.2	79.8	85.6	87.9	87.6	82.3	72.9	62.6	54.1	71.3
HI	Honolulu	79.9	80.4	81.4	82.7	84.8	86.2	87.1	88.3	88.2	86.7	83.9	81.4	84.2
ID	Boise	37.1	44.3	51.8	60.8	70.8	79.8	90.6	87.3	77.6	64.6	49.0	39.3	62.8
IL	Chicago	29.2	33.9	44.3	58.8	70.0	79.4	83.3	82.1	75.5	64.1	48.2	35.0	58.7
	Peoria	29.7	35.2	46.5	61.9	72.5	82.1	85.5	83.4	76.7	64.8	48.5	35.4	60.2
IN	Indianapolis	34.2	38.5	49.3	63.1	73.4	82.3	85.2	83.7	77.9	66.1	50.8	39.2	62.0
IA	Des Moines	27.0	33.2	44.2	61.0	72.6	81.8	86.2	84.0	75.7	65.0	47.6	33.7	59.3
KS	Wichita	39.8	46.1	55.8	68.1	77.1	87.4	92.9	91.5	82.0	71.2	55.1	44.6	67.6
KY	Louisville	40.8	45.0	54.9	67.5	76.2	84.0	87.6	86.7	80.6	69.2	55.5	45.4	66.1
LA	New Orleans	61.8	64.6	71.2	78.6	84.5	89.5	90.7	90.2	86.8	79.4	70.1	64.4	77.7
ME	Portland	31.0	33.1	40.5	52.5	63.4	72.8	78.9	77.5	69.6	59.0	47.1	34.9	55.0
MD	Baltimore	41.0	43.7	53.1	65.1	74.2	82.9	87.1	85.5	79.1	67.7	55.9	45.1	65.0
MA	Boston	36.4	37.7	45.0	56.6	67.0	76.6	81.8	79.8	72.3	62.5	51.6	40.3	59.0
MI	Detroit	30.6	33.5	43.4	57.7	69.4	79.0	83.1	81.5	74.4	62.5	47.6	35.4	58.2
	Sault Ste. Marie	21.2	23.1	32.2	47.1	61.0	70.1	75.1	73.4	64.2	53.6	39.0	26.6	48.9
MN	Duluth	15.5	21.7	31.9	47.6	61.3	70.5	76.4	73.6	63.6	53.0	35.2	21.8	47.7
	Minneapolis-St. Paul	19.9	26.4	37.5	56.0	69.4	78.5	83.4	80.9	71.0	59.7	41.1	26.7	54.2
MS	Jackson	56.5	60.9	68.4	77.3	84.1	90.5	92.5	92.1	87.6	78.6	67.5	60.0	76.3
MO	Kansas City	34.5	41.1	51.3	65.1	74.6	83.3	88.5	86.8	78.6	67.9	52.1	40.1	63.7
	St. Louis	37.6	43.1	53.4	67.1	76.4	85.2	89.0	87.4	80.7	69.1	54.0	42.6	65.5
MT	Great Falls	28.2	36.5	41.7	54.0	65.3	74.3	84.2	82.0	70.5	59.5	43.5	34.7	56.2
NE	Omaha	30.2	37.3	47.7	64.0	74.7	84.2	88.5	86.2	77.5	67.0	50.3	36.9	62.0
NV	Reno	44.8	51.1	55.8	63.3	72.3	81.8	91.3	88.7	81.4	70.0	55.6	46.2	66.9
NH	Concord	30.8	33.2	41.9	56.5	68.9	77.7	82.6	80.1	71.9	61.0	47.2	34.4	57.2
NJ	Atlantic City	40.6	42.4	50.3	61.6	71.0	79.6	84.0	82.5	76.7	66.1	55.4	45.0	62.9
NM	Albuquerque	47.2	52.9	60.7	70.6	79.9	90.6	92.8	89.4	83.0	71.7	57.2	48.0	70.3
NY	Albany	30.2	32.7	42.5	57.6	69.5	78.3	83.2	80.7	72.8	61.5	47.8	34.6	57.6
	Buffalo	30.0	31.4	40.4	54.4	65.9	75.6	80.2	78.2	71.4	60.2	47.0	35.0	55.8
	New York [1]	38.0	40.1	48.6	61.1	71.5	80.1	85.3	83.7	76.4	65.6	53.6	42.1	62.2
NC	Charlotte	50.3	53.6	61.6	72.1	79.1	85.2	88.3	87.6	81.7	71.7	61.7	52.6	70.5
	Raleigh	50.1	52.8	61.0	72.3	79.0	85.2	88.2	87.1	81.6	71.6	61.8	52.7	70.3
ND	Bismarck	17.5	25.2	36.4	54.2	67.7	76.8	84.4	83.3	71.4	59.3	39.4	25.9	53.5
OH	Cincinnati	38.0	42.0	52.3	65.2	75.0	82.9	86.3	85.7	79.4	67.4	52.8	42.2	64.1
	Cleveland	32.5	34.8	44.8	57.9	68.5	78.0	81.7	80.3	74.2	62.7	49.3	37.5	58.5
	Columbus	34.7	38.1	49.3	62.3	72.6	81.3	84.4	83.0	76.9	65.0	50.7	39.4	61.5
OK	Oklahoma City	46.6	52.2	61.0	71.7	79.0	87.6	93.5	92.8	84.7	74.3	59.9	50.7	71.2
OR	Portland	44.3	50.4	54.5	60.2	66.9	72.7	79.5	78.6	74.2	63.9	52.3	46.4	62.0
PA	Philadelphia	38.6	41.1	50.5	63.2	73.0	81.7	86.1	84.6	77.8	66.5	54.5	43.0	63.4
	Pittsburgh	34.1	36.8	47.6	60.7	70.8	79.1	82.7	81.1	74.8	62.9	49.8	38.4	59.9
RI	Providence	36.4	37.7	45.5	57.5	67.6	76.6	81.7	80.3	73.1	63.2	51.9	40.5	59.3
SC	Columbia	56.2	59.5	67.1	77.0	83.8	89.2	91.9	91.0	85.5	76.5	67.1	58.8	75.3
SD	Sioux Falls	22.9	29.3	40.1	58.1	70.5	80.3	86.2	83.9	73.5	62.1	43.7	29.3	56.7
TN	Memphis	48.3	53.0	61.4	72.9	81.0	88.4	91.5	90.3	84.3	74.5	61.4	52.3	71.6
	Nashville	46.3	50.7	59.6	71.2	79.2	86.7	89.8	89.0	83.2	72.3	59.2	50.4	69.8
TX	Dallas-Fort Worth	54.0	59.1	67.2	76.8	84.4	93.2	97.8	97.3	89.7	79.5	66.2	58.1	76.9
	El Paso	57.9	62.7	69.6	78.7	87.1	95.9	95.3	93.0	87.5	78.5	65.7	58.2	77.5
	Houston	61.9	65.7	72.1	79.0	85.1	90.9	93.6	93.1	88.7	81.9	71.6	65.2	79.1
UT	Salt Lake City	37.4	43.7	51.5	61.1	72.4	83.3	93.2	90.0	80.0	66.7	50.2	38.9	64.0
VT	Burlington	25.4	27.3	37.7	52.6	66.4	75.9	80.5	77.6	68.8	57.0	43.6	30.3	53.6
VA	Norfolk	48.1	49.9	57.5	68.2	75.7	83.2	86.9	85.7	80.2	69.8	60.8	51.9	68.2
	Richmond	46.7	49.6	58.5	70.6	77.9	84.8	88.4	87.1	81.0	70.5	60.5	50.2	68.8
WA	Seattle-Tacoma	43.9	48.8	51.1	56.8	64.0	69.2	75.2	73.9	68.7	59.5	50.3	45.6	58.9
	Spokane	31.3	39.0	46.2	56.7	66.1	74.0	84.0	81.7	72.4	58.3	41.4	34.2	57.1
WV	Charleston	41.8	45.4	55.4	67.3	76.0	82.5	85.2	84.2	78.7	67.7	55.6	45.9	65.5
WI	Milwaukee	26.0	30.1	39.2	53.5	64.8	75.0	79.8	78.4	71.2	59.9	44.7	32.0	54.6
WY	Cheyenne	37.3	40.7	43.6	54.0	64.6	75.4	83.1	80.8	72.1	61.0	46.5	40.4	58.3
PR	San Juan	82.7	83.2	84.2	85.2	86.7	88.0	87.9	88.2	88.2	87.9	85.7	83.6	86.0

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

NO. 361. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

[In **Fahrenheit degrees.** Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	40.9	43.2	49.8	57.7	64.8	70.8	73.2	72.9	69.3	57.5	47.9	42.9	57.6
AK	Juneau	16.1	21.9	25.0	31.3	38.1	44.2	47.4	46.6	42.3	36.5	28.0	22.1	33.3
AZ	Phoenix	39.4	42.5	46.7	53.0	61.5	70.6	79.5	77.5	70.9	59.1	46.9	40.2	57.3
AR	Little Rock	29.9	33.6	41.2	50.9	59.2	67.5	71.4	69.6	63.0	50.4	40.0	33.2	50.8
CA	Los Angeles	47.3	48.6	49.7	52.2	55.7	59.1	62.6	64.0	62.5	58.5	52.1	47.8	55.0
	Sacramento	37.9	41.2	42.4	45.3	50.1	55.1	57.9	57.6	55.8	50.0	42.8	37.9	47.8
	San Francisco	41.5	44.1	44.9	46.6	49.3	52.0	53.3	54.2	54.3	51.2	46.3	42.2	48.3
CO	Denver	15.9	20.2	24.7	33.7	43.6	52.4	58.7	57.0	47.7	36.9	25.1	18.9	36.2
CT	Hartford	16.7	18.8	28.0	37.6	47.3	57.0	61.9	60.0	51.7	40.9	32.5	20.9	39.5
DE	Wilmington	23.2	24.6	32.6	41.8	51.7	61.2	66.3	65.4	58.0	45.9	36.4	27.3	44.5
DC	Washington	27.5	29.0	36.6	46.2	56.1	65.0	69.9	68.7	62.0	49.7	39.9	31.2	48.5
FL	Jacksonville	41.7	43.3	49.3	55.7	63.0	69.1	71.8	71.8	69.4	59.2	49.2	43.2	57.2
	Miami	59.2	59.7	64.1	68.2	71.9	74.6	76.2	76.5	75.7	71.6	65.8	60.8	68.7
GA	Atlanta	32.6	34.5	41.7	50.4	58.7	65.9	69.2	68.7	63.6	51.4	41.3	34.8	51.1
HI	Honolulu	65.3	65.3	67.3	68.7	70.2	71.9	73.1	73.6	72.9	72.2	69.2	66.5	69.7
ID	Boise	22.6	27.9	30.9	36.4	44.0	51.8	58.5	56.7	48.7	39.1	30.5	24.6	39.3
IL	Chicago	13.6	18.1	27.6	38.8	48.1	57.7	62.7	61.7	53.9	42.9	31.4	20.3	39.7
	Peoria	13.3	18.4	28.1	40.6	50.6	60.2	64.6	62.7	54.5	42.9	30.9	20.2	40.6
IN	Indianapolis	17.8	21.1	30.7	41.7	51.5	60.9	64.9	62.7	55.3	43.4	32.8	23.7	42.2
IA	Des Moines	10.1	15.8	26.0	39.9	51.6	61.4	66.3	63.7	54.4	43.3	29.5	17.6	40.0
KS	Wichita	19.4	24.1	32.4	44.5	54.6	64.7	69.8	67.9	59.2	46.9	33.5	24.2	45.1
KY	Louisville	24.1	26.8	35.2	45.5	54.6	63.3	67.5	66.1	59.1	46.2	36.6	28.9	46.2
LA	New Orleans	43.0	44.8	51.6	59.8	65.3	70.9	73.5	73.1	70.1	59.0	49.9	44.8	58.7
ME	Portland	11.9	12.9	23.7	33.0	42.1	51.4	57.3	55.8	47.7	37.9	29.6	16.7	35.0
MD	Baltimore	24.3	25.7	33.4	42.9	52.5	61.5	66.5	65.7	58.6	46.1	36.6	27.9	45.1
MA	Boston	22.8	23.7	31.6	40.8	50.0	59.3	65.1	63.9	56.9	47.1	38.7	27.1	43.9
MI	Detroit	16.1	18.0	26.5	38.9	48.7	58.3	60.7	59.4	52.2	41.2	31.4	21.6	38.9
	Sault Ste. Marie	5.4	5.3	15.4	29.0	38.3	48.7	51.9	52.4	45.3	36.9	26.4	12.7	30.5
MN	Duluth	−2.9	2.2	13.9	28.9	39.3	48.2	54.3	52.8	44.3	35.4	21.2	5.8	28.6
	Minneapolis-St. Paul	2.4	8.5	20.8	36.0	47.6	57.7	62.7	60.3	50.2	39.4	25.3	11.7	35.2
MS	Jackson	34.9	37.2	44.2	52.9	60.8	67.9	71.3	70.2	65.1	51.4	42.3	37.1	52.9
MO	Kansas City	17.2	23.0	31.7	44.4	54.6	63.8	68.5	66.5	58.1	47.0	34.0	23.7	44.4
	St. Louis	19.9	24.5	33.0	45.1	54.7	64.3	68.8	66.6	58.6	46.7	35.1	25.7	45.3
MT	Great Falls	9.2	16.8	21.1	31.3	41.1	49.4	54.4	53.0	44.2	36.2	24.5	16.6	33.2
NE	Omaha	10.2	17.1	26.9	40.3	51.8	61.7	66.8	64.2	54.0	42.0	28.6	17.4	40.1
NV	Reno	19.5	23.5	25.4	29.4	36.9	43.0	47.7	45.2	38.9	30.5	23.8	18.9	31.9
NH	Concord	9.0	11.0	22.2	31.6	41.4	51.6	56.4	54.5	46.2	35.5	27.3	14.5	33.4
NJ	Atlantic City	22.9	23.9	31.6	40.4	49.9	58.8	64.8	63.5	56.4	44.8	35.8	26.6	43.3
NM	Albuquerque	22.3	25.9	31.7	39.5	48.6	58.4	64.7	62.8	54.9	43.1	30.7	23.2	42.1
NY	Albany	11.9	14.0	24.6	35.5	45.4	55.0	59.6	57.6	49.6	39.4	30.8	18.2	36.8
	Buffalo	17.0	17.5	25.6	36.3	46.3	56.4	61.2	59.6	52.7	42.7	33.6	22.5	39.3
	New York [1]	25.6	26.6	34.1	43.8	53.3	62.7	68.2	67.1	60.1	49.9	40.8	30.3	46.9
NC	Charlotte	30.7	32.1	39.1	48.4	57.2	64.7	68.7	68.2	62.3	49.6	39.7	32.6	49.4
	Raleigh	29.1	30.3	37.7	46.5	55.3	62.6	67.1	66.8	60.4	47.7	38.1	31.2	47.7
ND	Bismarck	−4.2	3.7	15.6	30.8	42.0	51.8	56.4	54.2	43.2	32.8	17.7	4.8	29.1
OH	Cincinnati	22.5	25.0	33.7	44.2	53.6	61.9	65.9	64.4	57.7	46.0	36.3	27.5	44.9
	Cleveland	18.5	19.9	28.4	38.3	47.9	57.2	61.4	60.5	54.0	43.6	34.3	24.6	40.7
	Columbus	19.4	21.5	30.6	40.5	50.2	59.0	63.2	61.7	54.6	42.8	33.5	24.7	41.8
OK	Oklahoma City	25.2	29.4	37.1	48.6	57.7	66.3	70.6	69.4	61.9	50.2	37.6	29.1	48.6
OR	Portland	33.5	36.0	37.4	40.6	46.4	52.2	55.8	55.8	51.1	44.6	38.6	35.4	44.0
PA	Philadelphia	23.8	25.0	33.1	42.6	52.5	61.5	66.8	66.0	58.6	46.5	37.1	28.0	45.1
	Pittsburgh	19.2	20.7	29.4	39.4	48.5	57.1	61.3	60.1	53.3	42.1	33.3	24.3	40.7
RI	Providence	20.0	20.9	29.2	38.3	47.6	57.0	63.3	61.9	53.8	43.1	34.8	24.1	41.2
SC	Columbia	33.2	34.6	41.9	50.5	59.1	66.1	70.1	69.4	63.9	50.3	40.6	34.7	51.2
SD	Sioux Falls	1.9	8.9	20.6	34.6	45.7	56.3	61.8	59.7	48.5	36.7	22.3	10.1	33.9
TN	Memphis	30.9	34.1	41.9	52.2	60.9	68.9	72.6	70.8	64.1	51.3	41.1	34.3	51.9
	Nashville	27.8	30.1	38.3	48.1	56.9	64.8	69.0	67.8	61.3	48.0	38.0	31.3	48.5
TX	Dallas-Fort Worth	33.9	37.8	44.9	55.0	62.9	70.8	74.7	73.7	67.5	56.3	44.9	37.4	55.0
	El Paso	30.4	34.1	40.5	48.5	56.6	65.7	69.6	67.5	60.6	48.7	37.0	30.6	49.2
	Houston	40.8	43.2	49.8	58.3	64.7	70.2	72.5	72.1	68.1	57.5	48.6	42.7	57.4
UT	Salt Lake City	19.7	24.4	29.9	37.2	45.2	53.3	61.8	59.7	50.0	39.3	29.2	21.6	39.3
VT	Burlington	7.7	8.8	20.8	32.7	44.0	54.0	58.6	56.6	48.7	38.7	29.6	14.9	34.6
VA	Norfolk	31.7	32.3	39.4	48.1	57.2	65.3	69.9	69.6	64.2	52.9	43.0	35.0	50.7
	Richmond	26.5	28.1	35.8	45.1	54.2	62.2	67.2	66.4	59.3	46.7	37.3	29.6	46.5
WA	Seattle-Tacoma	34.3	36.8	37.2	40.5	46.0	51.1	54.3	54.3	51.2	45.3	39.3	36.3	43.9
	Spokane	20.0	25.7	29.0	34.9	42.5	49.3	55.3	54.3	46.5	36.7	28.5	23.7	37.2
WV	Charleston	23.9	25.8	34.1	43.3	51.8	59.4	63.8	63.1	56.4	44.0	35.0	27.8	44.0
WI	Milwaukee	11.3	15.8	24.9	35.6	44.7	54.7	61.1	60.2	52.5	41.9	29.9	18.2	37.6
WY	Cheyenne	14.8	17.9	20.6	29.6	39.7	48.5	54.6	52.8	43.7	34.0	23.1	18.2	33.1
PR	San Juan	70.3	70.0	70.8	72.3	73.9	75.3	76.1	76.1	75.5	74.9	73.4	71.8	73.4

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States,* No. 81, Sept. 1982.

NO. 362. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[**In Fahrenheit degrees.** Airport data unless otherwise noted. For period of record through 1982]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	41	84	82	90	92	100	102	104	102	98	93	87	81	104
AK	Juneau	39	57	55	59	71	82	86	90	83	72	61	56	54	90
AZ	Phoenix	45	88	89	95	104	113	117	118	116	118	107	93	88	118
AR	Little Rock	41	83	84	91	92	98	104	109	108	106	97	86	80	109
CA	Los Angeles	47	88	92	93	95	97	104	97	98	110	106	101	94	110
	Sacramento	32	70	76	86	92	104	115	114	108	108	101	87	72	115
	San Francisco	55	72	78	85	92	98	106	104	98	103	97	85	75	106
CO	Denver	48	73	76	84	85	96	104	104	101	97	88	79	75	104
CT	Hartford	28	65	70	87	96	97	100	102	101	96	91	81	71	102
DE	Wilmington	35	75	74	86	91	95	99	102	101	100	91	85	72	102
DC	Washington	41	79	82	89	95	97	101	103	100	101	94	86	75	103
FL	Jacksonville	41	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	40	87	89	92	96	94	98	98	98	95	95	89	87	98
GA	Atlanta	34	79	79	85	91	95	101	105	102	98	95	84	77	105
HI	Honolulu	13	87	87	88	89	90	91	91	92	92	93	89	89	93
ID	Boise	43	63	69	81	92	98	109	111	110	102	91	73	65	111
IL	Chicago	24	61	71	87	91	93	97	102	96	99	91	78	71	102
	Peoria	43	68	72	82	89	92	100	103	101	100	90	81	71	103
IN	Indianapolis	43	71	74	85	89	93	102	104	100	100	90	81	74	104
IA	Des Moines	43	62	73	84	93	98	101	105	102	101	95	76	69	105
KS	Wichita	30	75	84	89	96	100	110	113	110	105	95	85	83	113
KY	Louisville	35	77	77	86	91	95	102	105	101	104	92	84	76	105
LA	New Orleans	36	83	85	89	91	96	100	101	102	101	92	86	84	102
ME	Portland	42	64	64	86	85	92	97	99	103	95	88	74	69	103
MD	Baltimore	32	75	76	87	94	98	100	102	102	99	92	83	74	102
MA	Boston	31	63	68	81	94	95	100	102	102	100	90	77	70	102
MI	Detroit	47	67	68	82	88	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie	42	45	45	75	83	89	92	97	98	95	80	66	60	98
MN	Duluth	41	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul	44	58	60	83	95	96	100	104	102	98	89	75	63	104
MS	Jackson	19	82	84	89	92	99	103	106	102	104	92	88	84	106
MO	Kansas City	10	68	76	82	90	91	105	107	104	98	92	82	70	107
	St. Louis	25	76	85	88	92	92	98	107	105	100	94	82	76	107
MT	Great Falls	45	62	67	78	89	93	99	105	106	98	91	76	69	106
NE	Omaha	46	69	78	89	93	99	105	114	110	104	96	80	72	114
NV	Reno	41	70	74	83	89	95	101	104	103	101	91	77	70	104
NH	Concord	41	68	66	85	95	97	98	102	101	98	90	80	68	102
NJ	Atlantic City	39	78	73	87	94	99	106	104	102	97	90	84	73	106
NM	Albuquerque	43	69	75	85	89	95	105	105	101	100	91	77	72	105
NY	Albany	36	62	67	85	92	94	99	100	98	100	89	82	65	100
	Buffalo	39	72	65	81	87	90	95	94	99	98	87	80	74	99
	New York [1]	114	72	75	86	96	99	101	106	104	102	94	84	72	106
NC	Charlotte	43	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	38	79	84	92	95	97	104	105	101	104	98	88	79	105
ND	Bismarck	43	62	68	81	93	98	100	109	109	105	95	75	65	109
OH	Cincinnati	21	69	73	83	89	93	97	100	102	98	88	80	75	102
	Cleveland	41	73	69	83	88	92	101	103	102	101	90	82	77	103
	Columbus	43	74	73	85	89	94	102	100	100	100	90	80	76	102
OK	Oklahoma City	29	79	84	93	100	96	105	108	110	102	96	87	86	110
OR	Portland	42	62	70	80	87	92	100	107	107	101	90	73	64	107
PA	Philadelphia	41	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	30	68	69	80	87	91	96	99	97	97	87	82	74	99
RI	Providence	29	66	72	78	98	94	96	100	104	97	86	78	69	104
SC	Columbia	35	84	84	91	94	101	107	107	106	101	101	90	83	107
SD	Sioux Falls	37	66	70	87	94	100	101	108	108	104	94	76	61	108
TN	Memphis	41	78	81	85	91	99	104	108	105	103	95	85	81	108
	Nashville	43	78	84	86	90	97	106	107	104	105	94	84	79	107
TX	Dallas-Fort Worth	29	88	88	96	95	99	113	110	108	105	102	89	88	113
	El Paso	43	80	83	88	98	104	111	112	108	104	96	84	80	112
	Houston	13	84	85	90	92	95	103	104	107	100	94	89	83	107
UT	Salt Lake City	54	62	69	78	85	93	104	107	104	100	89	75	67	107
VT	Burlington	39	63	62	84	91	93	96	99	101	94	85	75	65	101
VA	Norfolk	34	78	81	85	97	97	101	103	104	98	95	86	80	104
	Richmond	53	80	83	93	96	100	104	105	102	103	99	86	80	105
WA	Seattle	38	64	70	72	85	93	96	98	99	94	82	74	63	99
	Spokane	35	59	61	71	90	92	100	103	108	96	86	67	56	108
WV	Charleston	35	79	78	87	91	93	98	102	100	102	92	85	80	102
WI	Milwaukee	42	62	65	81	91	92	99	101	100	98	89	77	63	101
WY	Cheyenne	47	66	71	73	82	90	100	100	96	93	83	73	69	100
PR	San Juan	28	92	92	94	94	96	96	95	97	97	98	96	91	98

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 363. Lowest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1982]

State	Station	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	41	7	11	21	36	43	56	60	59	42	32	22	10	7
AK	*Juneau*	39	−22	−22	−15	6	25	31	36	27	23	12	−5	−21	−22
AZ	Phoenix	45	17	22	25	32	40	50	61	60	47	34	25	22	17
AR	Little Rock	41	−4	−5	11	28	40	46	54	52	37	30	17	−1	−5
CA	Los Angeles	47	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	32	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco	55	24	25	30	31	36	41	43	42	38	34	25	20	20
CO	Denver	48	−25	−30	−11	−2	22	30	43	41	20	3	−8	−18	−30
CT	Hartford	28	−26	−21	−6	9	28	37	44	38	30	17	12	−14	−26
DE	Wilmington	35	−10	−6	6	18	30	41	50	43	36	24	14	2	−10
DC	Washington	41	−5	4	11	24	34	47	55	51	39	29	16	1	−5
FL	Jacksonville	41	13	19	23	35	45	55	61	64	48	36	21	12	12
	Miami	40	31	32	32	46	53	65	69	68	69	51	39	34	31
GA	Atlanta	34	−5	5	10	26	37	46	53	56	36	28	3	1	−5
HI	Honolulu	13	53	53	55	59	62	65	67	67	66	64	58	54	53
ID	Boise	43	−17	−12	6	19	22	33	40	37	23	11	−3	−23	−23
IL	Chicago	24	−26	−17	−8	7	24	36	40	41	28	17	1	−17	−26
	Peoria	43	−25	−18	−10	14	25	39	47	43	26	19	−2	−18	−25
IN	Indianapolis	43	−20	−21	−7	16	28	39	44	41	28	17	−2	−15	−21
IA	*Des Moines*	43	−24	−20	−22	9	30	38	47	40	26	14	−3	−16	−24
KS	Wichita	30	−12	−21	−2	15	31	43	51	48	35	21	1	−5	−21
KY	Louisville	35	−20	−19	−1	22	31	42	50	49	33	23	−1	−9	−20
LA	*New Orleans*	36	14	19	25	32	41	55	60	60	42	35	24	17	14
ME	Portland	42	−26	−39	−21	8	23	33	40	33	23	15	5	−21	−39
MD	Baltimore	32	−7	−3	6	20	32	40	51	48	35	25	13	0	−7
MA	Boston	31	−12	−4	6	16	34	45	54	47	38	28	17	−7	−12
MI	Detroit	47	−13	−16	−1	14	30	38	42	43	32	24	5	−5	−16
	Sault Ste. Marie	42	−36	−35	−24	−2	18	26	36	29	25	16	−10	−25	−36
MN	Duluth	41	−39	−32	−28	−5	17	27	36	33	22	8	−23	−33	−39
	Minneapolis-St. Paul	44	−34	−28	−32	2	18	34	43	39	26	15	−17	−24	−34
MS	Jackson	19	3	11	15	30	38	49	51	55	35	30	17	14	3
MO	Kansas City	10	−17	−19	−10	12	30	44	52	50	38	21	1	−13	−19
	St. Louis	25	−15	−10	−5	22	31	43	51	47	36	23	1	−10	−15
MT	Great Falls	45	−37	−35	−29	−6	15	31	40	35	23	−3	−23	−43	−43
NE	Omaha	46	−23	−21	−16	5	27	39	44	43	30	13	−9	−17	−23
NV	Reno	41	−16	−12	−2	13	18	25	33	24	20	8	1	−16	−16
NH	Concord	41	−30	−37	−16	8	21	30	35	29	21	10	−1	−22	−37
NJ	Atlantic City	39	−10	−11	5	12	25	37	46	40	32	23	11	−7	−11
NM	Albuquerque	43	−17	−5	8	19	28	40	54	52	37	25	−7	3	−17
NY	*Albany*	36	−28	−21	−21	10	26	36	40	34	24	16	5	−22	−28
	Buffalo	39	−16	−20	−5	12	26	35	43	38	32	20	9	−10	−20
	New York [1]	114	−6	−15	3	12	32	44	52	50	39	28	5	−13	−15
NC	Charlotte	43	−3	5	4	24	32	45	53	53	39	24	11	2	−3
	Raleigh	38	−1	5	11	23	31	38	48	46	39	19	11	4	−1
ND	Bismarck	43	−44	−39	−31	−12	15	30	35	33	11	5	−29	−43	−44
OH	Cincinnati	21	−25	−11	−11	17	27	39	47	43	33	16	1	−11	−25
	Cleveland	41	−19	−15	−5	10	25	31	41	38	32	22	3	−11	−19
	Columbus	43	−19	−13	−2	14	25	35	43	39	31	20	5	−10	−19
OK	Oklahoma City	29	−4	−3	3	20	37	47	53	51	37	22	11	1	−4
OR	*Portland*	42	−2	−3	19	29	29	39	43	44	34	26	13	6	−3
PA	Philadelphia	41	−7	−4	7	19	28	44	51	45	35	25	15	1	−7
	Pittsburgh	30	−18	−12	−1	14	26	34	42	39	31	16	−1	−7	−18
RI	Providence	29	−13	−7	1	14	29	41	49	40	33	20	14	−10	−13
SC	Columbia	35	5	5	4	29	34	45	54	53	40	23	12	4	4
SD	Sioux Falls	37	−36	−31	−23	5	17	33	38	34	22	9	−17	−26	−36
TN	Memphis	41	−4	−11	12	29	38	48	52	48	36	25	9	−13	−13
	Nashville	43	−15	−13	2	23	34	42	51	47	36	26	−1	−7	−15
TX	Dallas-Fort Worth	29	4	9	15	30	41	51	59	56	45	29	20	10	4
	El Paso	43	−8	8	14	24	31	48	57	56	41	25	1	5	−8
	Houston	13	12	20	22	31	44	52	62	62	48	33	19	20	12
UT	Salt Lake City	54	−22	−30	2	14	25	35	40	37	27	16	−14	−21	−30
VT	Burlington	39	−30	−30	−20	2	24	33	39	35	25	15	−2	−26	−30
VA	Norfolk	34	5	8	18	28	36	45	54	49	45	27	20	14	5
	Richmond	53	−12	−10	11	25	31	40	51	46	35	21	10	−1	−12
WA	*Seattle*	38	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane	35	−22	−17	−3	17	24	34	37	35	25	13	−11	−25	−25
WV	Charleston	35	−13	−6	0	19	26	33	46	41	34	17	6	−2	−13
WI	*Milwaukee*	42	−26	−19	−10	12	21	33	40	44	28	18	−5	−15	−26
WY	Cheyenne	47	−27	−34	−21	−6	16	25	38	36	18	2	−13	−24	−34
PR	San Juan	28	61	62	60	64	66	69	69	70	69	67	66	63	60

[1] *City office data.*

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 364. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	4.59	4.91	6.48	5.35	5.46	5.07	7.74	6.75	6.56	2.62	3.67	5.44	64.64
AK	Juneau	3.69	3.74	3.34	2.92	3.41	2.98	4.13	5.02	6.40	7.71	5.15	4.66	53.15
AZ	Phoenix	.73	.59	.81	.27	.14	.17	.74	1.02	.64	.63	.54	.83	7.11
AR	Little Rock	3.91	3.83	4.69	5.41	5.29	3.67	3.63	3.07	4.26	2.84	4.37	4.23	49.20
CA	Los Angeles	3.06	2.49	1.76	.93	.14	.04	.01	.10	.15	.26	1.52	1.62	12.08
	Sacramento	4.03	2.88	2.06	1.31	.33	.11	.05	.07	.27	.86	2.23	2.90	17.10
	San Francisco	4.65	3.23	2.64	1.53	.32	.11	.03	.05	.19	1.06	2.35	3.55	19.71
CO	Denver	.51	.69	1.21	1.81	2.47	1.58	1.93	1.53	1.23	.98	.82	.55	15.31
CT	Hartford	3.53	3.19	4.15	4.02	3.37	3.38	3.09	4.00	3.94	3.51	4.05	4.16	44.39
DE	Wilmington	3.11	2.99	3.87	3.39	3.23	3.51	3.90	4.03	3.59	2.89	3.33	3.54	41.38
DC	Washington	2.76	2.62	3.46	2.93	3.48	3.35	3.88	4.40	3.22	2.90	2.82	3.18	39.00
FL	Jacksonville	3.07	3.48	3.72	3.32	4.91	5.37	6.54	7.15	7.26	3.41	1.94	2.59	52.77
	Miami	2.08	2.05	1.89	3.07	6.53	9.15	5.98	7.02	8.07	7.14	2.71	1.86	57.55
GA	Atlanta	4.91	4.43	5.91	4.43	4.02	3.41	4.73	3.41	3.17	2.53	3.43	4.23	48.61
HI	Honolulu	3.79	2.72	3.48	1.49	1.21	.49	.54	.60	.62	1.88	3.22	3.43	23.47
ID	Boise	1.64	1.07	1.03	1.19	1.21	.95	.26	.40	.58	.75	1.29	1.34	11.71
IL	Chicago	1.60	1.31	2.59	3.66	3.15	4.08	3.63	3.53	3.35	2.28	2.06	2.10	33.34
	Peoria	1.60	1.41	2.86	3.81	3.84	3.88	3.99	3.39	3.63	2.51	1.96	2.01	34.89
IN	Indianapolis	2.65	2.46	3.61	3.68	3.66	3.99	4.32	3.46	2.74	2.51	3.04	3.00	39.12
IA	Des Moines	1.01	1.12	2.20	3.21	3.96	4.18	3.22	4.11	3.09	2.16	1.52	1.05	30.83
KS	Wichita	.68	.85	2.01	2.30	3.91	4.06	3.62	2.80	3.45	2.47	1.47	.99	28.61
KY	Louisville	3.38	3.23	4.73	4.11	4.15	3.60	4.10	3.31	3.35	2.63	3.49	3.48	43.56
LA	New Orleans	4.97	5.23	4.73	4.50	5.07	4.63	6.73	6.02	5.87	2.66	4.06	5.27	59.74
ME	Portland	3.78	3.57	3.98	3.90	3.27	3.06	2.83	2.82	3.27	3.83	4.70	4.51	43.52
MD	Baltimore	3.00	2.98	3.72	3.35	3.44	3.76	3.89	4.62	3.46	3.11	3.11	3.40	41.84
MA	Boston	3.99	3.70	4.13	3.73	3.52	2.92	2.68	3.68	3.41	3.36	4.21	4.48	43.81
MI	Detroit	1.86	1.69	2.54	3.15	2.77	3.43	3.10	3.21	2.25	2.12	2.33	2.52	30.97
	Sault Ste. Marie	2.20	1.69	2.03	2.38	2.90	3.26	3.00	3.46	3.90	2.89	3.20	2.57	33.48
MN	Duluth	1.20	.90	1.78	2.16	3.15	3.96	3.96	4.12	3.26	2.21	1.69	1.29	29.68
	Minneapolis-St. Paul	.82	.85	1.71	2.05	3.20	4.07	3.51	3.64	2.50	1.85	1.29	.87	26.36
MS	Jackson	5.00	4.48	5.86	5.85	4.83	2.94	4.40	3.71	3.55	2.62	4.18	5.40	52.82
MO	Kansas City	1.08	1.19	2.41	3.23	4.42	4.66	4.35	3.57	4.14	3.10	1.63	1.38	35.17
	St. Louis	1.72	2.14	3.28	3.55	3.54	3.73	3.63	2.55	2.70	2.32	2.53	2.22	33.91
MT	Great Falls	1.00	.75	.93	1.49	2.52	2.75	1.10	1.31	1.03	.82	.74	.80	15.24
NE	Omaha	.77	.91	1.91	2.94	4.33	4.08	3.62	4.10	3.50	2.09	1.32	.77	30.34
NV	Reno	1.24	.95	.74	.46	.74	.34	.30	.27	.30	.34	.60	1.21	7.49
NH	Concord	2.78	2.47	2.93	3.01	2.93	2.91	2.93	3.26	3.12	3.10	3.66	3.43	36.53
NJ	Atlantic City	3.47	3.34	4.04	3.20	3.07	2.78	4.02	4.72	2.89	3.06	3.73	3.61	41.93
NM	Albuquerque	.41	.40	.52	.40	.46	.51	1.30	1.51	.85	.86	.38	.52	8.12
NY	Albany	2.39	2.26	3.01	2.94	3.31	3.29	3.00	3.34	3.23	2.93	3.04	3.00	35.74
	Buffalo	3.02	2.40	2.97	3.06	2.89	2.72	2.96	4.16	3.37	2.93	3.62	3.42	37.52
	New York [1]	3.21	3.13	4.22	3.75	3.76	3.23	3.77	4.03	3.66	3.41	4.14	3.81	44.12
NC	Charlotte	3.80	3.81	4.83	3.27	3.64	3.57	3.92	3.75	3.59	2.72	2.86	3.40	43.16
	Raleigh	3.55	3.43	3.69	2.91	3.67	3.66	4.38	4.44	3.29	2.73	2.87	3.14	41.76
ND	Bismarck	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
OH	Cincinnati	3.09	2.58	3.83	3.71	4.07	3.83	4.04	3.45	3.11	2.47	3.03	2.89	40.10
	Cleveland	2.47	2.20	2.99	3.32	3.30	3.49	3.37	3.38	2.92	2.45	2.76	2.75	35.40
	Columbus	2.75	2.18	3.23	3.41	3.76	4.01	4.01	3.70	2.76	1.91	2.64	2.61	36.97
OK	Oklahoma City	.96	1.29	2.07	2.91	5.50	3.87	3.04	2.40	3.41	2.71	1.53	1.20	30.89
OR	Portland	6.16	3.93	3.61	2.31	2.08	1.47	.46	1.13	1.61	3.05	5.17	6.41	37.39
PA	Philadelphia	3.18	2.81	3.86	3.47	3.18	3.92	3.88	4.10	3.42	2.83	3.32	3.45	41.42
	Pittsburgh	2.86	2.40	3.58	3.28	3.54	3.30	3.83	3.31	2.80	2.49	2.34	2.57	36.29
RI	Providence	4.06	3.72	4.29	3.95	3.48	2.79	3.01	4.04	3.54	3.75	4.22	4.47	45.32
SC	Columbia	4.38	3.99	5.16	3.59	3.85	4.45	5.35	5.56	4.23	2.55	2.51	3.50	49.12
SD	Sioux Falls	.50	.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	.92	.72	24.12
TN	Memphis	4.61	4.33	5.44	5.77	5.06	3.58	4.03	3.74	3.62	2.37	4.17	4.85	51.57
	Nashville	4.49	4.03	5.58	4.47	4.56	3.70	3.82	3.40	3.71	2.58	3.52	4.63	48.49
TX	Dallas-Fort Worth	1.65	1.93	2.42	3.63	4.27	2.59	2.00	1.76	3.31	2.47	1.76	1.67	29.45
	El Paso	.38	.45	.32	.19	.24	.56	1.60	1.21	1.42	.73	.33	.39	7.82
	Houston	3.21	3.25	2.68	4.24	4.69	4.06	3.33	3.66	4.93	3.67	3.38	3.66	44.77
UT	Salt Lake City	1.35	1.33	1.72	2.21	1.47	.97	.72	.92	.89	1.14	1.22	1.37	15.31
VT	Burlington	1.85	1.73	2.20	2.77	2.96	3.64	3.43	3.87	3.20	2.81	2.80	2.43	33.69
VA	Norfolk	3.72	3.28	3.86	2.87	3.75	3.45	5.15	5.33	4.35	3.41	2.88	3.17	45.22
	Richmond	3.23	3.13	3.57	2.90	3.55	3.60	5.14	5.01	3.52	3.74	3.29	3.39	44.07
WA	Seattle-Tacoma	6.04	4.22	3.59	2.40	1.58	1.38	.74	1.27	2.02	3.43	5.60	6.33	38.60
	Spokane	2.47	1.61	1.36	1.08	1.38	1.23	.50	.74	.71	1.08	2.06	2.49	16.71
WV	Charleston	3.48	3.11	4.00	3.52	3.68	3.32	5.36	4.15	3.01	2.63	2.90	3.27	42.43
WI	Milwaukee	1.64	1.33	2.58	3.37	2.66	3.59	3.54	3.09	2.88	2.25	1.98	2.03	30.94
WY	Cheyenne	.41	.40	.97	1.24	2.39	2.00	1.87	1.39	1.06	.68	.53	.37	13.31
PR	San Juan	3.01	2.02	2.31	3.62	5.64	4.66	4.87	5.93	5.99	5.89	5.59	4.46	53.98

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

No. 365. Average Number of Days With Precipitation of .01 Inch or More—Selected Cities

[Airport data, except as noted. For period of record through 1982]

STATE	STATIONS	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	41	11	10	11	7	8	11	17	14	10	6	8	11	124
AK	Juneau	39	18	17	18	17	17	16	17	17	20	24	19	21	221
AZ	Phoenix	43	4	4	3	2	1	1	4	5	3	3	2	4	36
AR	Little Rock	40	10	9	10	10	10	8	8	7	7	6	8	9	102
CA	Los Angeles	47	6	6	6	3	1	(Z)	1	(Z)	1	2	3	5	34
	Sacramento	43	10	9	8	6	3	1	(Z)	(Z)	1	3	7	9	57
	San Francisco	55	11	10	10	6	3	1	(Z)	(Z)	1	4	7	10	69
CO	Denver	48	6	6	9	9	11	9	9	9	6	5	5	5	89
CT	Hartford	28	11	10	11	11	11	11	10	10	10	8	11	12	126
DE	Wilmington	35	11	9	11	11	12	10	9	9	8	8	9	10	117
DC	Washington	41	10	9	11	10	11	9	10	9	8	7	8	9	111
FL	Jacksonville	41	8	8	8	7	9	12	15	14	13	8	8	8	116
	Miami	40	7	6	6	6	11	15	16	17	17	15	8	6	130
GA	Atlanta	48	12	10	12	9	9	10	12	9	7	6	8	10	114
HI	Honolulu	33	10	10	9	9	7	6	8	7	7	9	9	10	101
ID	Boise	43	12	10	9	8	8	6	2	3	4	6	10	12	90
IL	Chicago	24	11	10	13	13	11	10	10	9	10	9	10	11	127
	Peoria	43	9	8	11	12	12	10	9	8	8	7	9	10	113
IN	Indianapolis	43	12	10	13	12	12	10	9	9	8	8	10	12	125
IA	Des Moines	43	8	7	10	10	11	11	9	9	8	7	7	8	105
KS	Wichita	29	6	5	7	8	11	9	8	7	8	6	5	5	85
KY	Louisville	35	12	11	13	12	11	10	11	8	8	7	10	11	124
LA	New Orleans	34	10	9	9	7	8	10	15	13	10	5	7	10	113
ME	Portland	42	11	10	11	12	12	11	9	9	8	9	12	12	126
MD	Baltimore	32	10	9	11	11	11	9	9	10	7	7	9	9	112
MA	Boston	31	12	11	12	11	11	11	9	10	9	9	11	12	128
MI	Detroit	35	13	12	13	12	12	11	9	9	9	9	11	13	133
	Sault Ste. Marie	41	19	15	13	11	11	12	10	11	13	13	17	19	164
MN	Duluth	41	12	10	11	11	12	13	11	11	11	9	11	12	134
	Minneapolis-St. Paul	44	9	7	10	10	11	12	10	10	9	8	8	9	113
MS	Jackson	19	11	9	11	9	9	8	11	10	9	6	8	10	111
MO	Kansas City	10	8	7	10	11	12	10	8	9	8	7	7	7	104
	St. Louis	25	9	8	11	11	11	9	9	8	8	8	9	9	110
MT	Great Falls	45	9	8	9	9	12	12	7	7	7	6	7	7	100
NE	Omaha	46	7	7	9	9	12	10	9	9	8	6	5	6	97
NV	Reno	40	6	6	6	4	5	3	3	2	2	3	5	6	51
NH	Concord	41	11	10	11	11	12	11	10	10	9	9	11	11	126
NJ	Atlantic City	39	11	10	11	11	10	9	9	9	7	7	9	10	113
NM	Albuquerque	43	4	4	4	3	4	4	9	9	6	5	3	4	59
NY	Albany	36	13	10	12	12	13	11	10	10	10	9	12	12	134
	Buffalo	39	20	17	16	14	12	10	10	11	11	11	16	20	168
	New York [1] [2]	114	11	10	12	11	11	10	10	10	8	8	9	10	120
NC	Charlotte	43	10	10	11	9	10	10	11	10	7	7	7	10	112
	Raleigh	38	10	10	10	9	10	9	11	10	8	7	8	9	111
ND	Bismarck	43	8	7	8	8	10	12	9	8	7	6	6	8	97
OH	Cincinnati	35	12	11	13	13	11	11	10	9	8	8	11	12	129
	Cleveland	41	16	14	16	14	13	11	10	10	10	11	14	16	155
	Columbus	43	13	12	14	13	13	11	11	9	8	9	11	13	137
OK	Oklahoma City	43	5	6	7	8	10	9	7	6	7	6	5	5	81
OR	Portland	42	19	16	17	14	12	9	4	5	6	13	16	19	154
PA	Philadelphia	42	11	9	11	11	11	10	9	9	8	8	9	10	116
	Pittsburgh	30	17	14	16	13	12	12	11	10	9	10	13	16	153
RI	Providence	29	11	10	12	11	11	11	9	10	8	8	11	12	124
SC	Columbia	35	10	10	11	8	9	10	12	11	8	6	7	9	111
SD	Sioux Falls	37	6	6	8	9	10	11	9	9	8	6	6	6	94
TN	Memphis	32	10	9	11	10	9	8	9	8	7	6	8	10	105
	Nashville	41	11	11	12	11	11	9	10	9	8	7	9	11	119
TX	Dallas-Fort Worth	29	7	6	7	8	9	6	5	5	7	6	6	6	76
	El Paso	45	4	3	2	2	2	3	8	7	5	4	3	4	47
	Houston	13	10	7	10	7	8	8	10	10	9	7	6	9	103
UT	Salt Lake City	54	10	9	10	10	8	5	4	6	5	6	7	9	89
VT	Burlington	39	14	12	13	12	13	13	12	12	12	11	14	15	153
VA	Norfolk	34	10	10	11	10	10	9	11	10	8	8	8	9	114
	Richmond	45	10	9	11	9	11	10	11	10	8	7	8	9	113
WA	Seattle	38	19	16	17	14	10	9	5	7	10	14	18	20	159
	Spokane	35	15	12	11	9	9	8	4	5	6	8	12	16	115
WV	Charleston	35	16	14	15	14	13	11	13	11	9	9	12	14	151
WI	Milwaukee	42	11	9	12	12	12	11	10	9	9	9	10	11	125
WY	Cheyenne	47	6	6	9	8	12	11	11	10	7	5	6	5	97
PR	San Juan	27	17	13	12	13	17	16	19	19	17	17	18	19	197

Z Less than ½ day. [1] For period of record through 1981. [2] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 366. SNOW AND ICE PELLETS

[In inches. Airport data, except as noted. For period of record through 1982, except as noted. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	41	.1	.2	T	–	–	–	–	–	–	–	T	.1	.4
AK	Juneau	39	25.9	20.3	17.0	4.3	.1	T	–	–	T	1.2	11.1	24.3	104.2
AZ	Phoenix	45	T	T	T	T	–	–	–	–	–	–	–	T	T
AR	Little Rock	40	2.3	1.5	.5	T	–	–	–	–	–	–	.3	.8	5.4
CA	Los Angeles	47	T	T	–	–	–	–	–	–	–	–	–	T	T
	Sacramento	34	T	.1	T	–	–	–	–	–	–	–	–	T	.1
	San Francisco	55	T	T	T	–	–	–	–	–	–	–	–	T	T
CO	Denver	48	7.9	7.5	12.8	9.1	1.8	T	–	–	1.6	3.8	7.8	7.0	59.1
CT	Hartford	28	12.1	11.9	10.9	1.9	T	–	–	–	–	.1	1.8	11.7	50.4
DE	Wilmington	35	6.5	6.1	3.7	.1	T	–	–	–	–	.1	1.0	3.7	21.2
DC	Washington	39	5.2	5.4	2.4	T	T	–	–	–	–	T	.7	3.5	17.2
FL	Jacksonville	41	T	T	T	–	–	–	–	–	–	–	–	T	T
	Miami	40	–	–	–	–	–	–	–	–	–	–	–	–	–
GA	Atlanta	48	.8	.5	.3	T	–	–	–	–	–	–	T	.2	1.8
HI	Honolulu	36	–	–	–	–	–	–	–	–	–	–	–	–	–
ID	Boise	43	7.4	3.7	2.0	.7	.1	T	T	–	–	.1	1.9	5.3	21.2
IL	Chicago	24	11.1	8.0	7.5	2.1	.1	–	–	–	T	.4	2.2	9.0	40.4
	Peoria	39	6.6	5.0	4.6	1.1	T	–	–	–	–	.1	2.3	5.9	25.6
IN	Indianapolis	51	6.3	5.6	3.6	.5	T	–	–	–	–	T	2.0	4.9	22.9
IA	Des Moines	43	8.7	7.1	6.7	2.0	T	–	–	–	T	.3	2.6	6.4	33.8
KS	Wichita	29	4.2	4.4	2.6	.3	–	–	–	–	–	T	.9	2.8	15.2
KY	Louisville	35	6.1	4.2	3.7	.2	–	–	–	–	–	T	1.3	2.2	17.7
LA	New Orleans	36	T	.1	T	–	–	–	–	–	–	–	T	.1	.2
ME	Portland	42	19.2	18.2	13.0	3.2	.2	–	–	–	T	.3	3.2	15.6	72.9
MD	Baltimore	32	5.6	6.7	4.4	T	T	–	–	–	–	T	1.0	4.0	21.7
MA	Boston	47	12.6	11.6	7.7	.9	T	–	–	–	–	T	1.2	8.0	42.0
MI	Detroit [1]	38	7.9	7.7	5.4	1.1	T	–	–	–	–	T	2.5	7.1	31.7
	Sault Ste. Marie	41	28.1	19.4	15.0	5.5	.6	T	–	–	.1	2.4	14.8	27.9	113.8
MN	Duluth	39	17.1	12.0	13.8	6.5	.8	T	–	T	T	1.1	10.0	15.4	76.7
	Minneapolis-St. Paul	44	10.1	8.4	10.4	2.6	.2	–	–	–	T	.4	6.2	9.1	47.4
MS	Jackson	19	.8	.2	.3	T	–	–	–	–	–	–	T	T	1.3
MO	Kansas City	48	5.9	4.3	3.9	.7	T	–	–	–	–	T	1.0	4.3	20.1
	St. Louis	46	5.5	4.5	4.5	.4	T	–	–	–	–	T	1.5	3.6	20.0
MT	Great Falls	45	10.2	8.6	10.0	7.5	1.4	.4	T	–	1.2	3.1	7.3	8.6	58.3
NE	Omaha	47	8.1	7.0	6.6	.9	.1	–	–	–	T	.4	2.3	5.6	31.0
NV	Reno	40	6.2	5.1	5.1	1.5	1.0	T	–	–	T	.3	1.9	4.6	25.7
NH	Concord	41	18.0	14.9	11.0	2.5	.1	–	–	–	–	.1	4.0	14.2	64.8
NJ	Atlantic City	38	5.1	5.4	2.9	.3	T	–	–	–	–	T	.4	2.4	16.5
NM	Albuquerque	43	2.4	1.9	2.0	.5	T	–	–	–	T	T	1.1	2.7	10.6
NY	Albany	36	15.6	14.5	11.5	2.9	.1	–	–	–	–	.1	4.4	16.0	65.1
	Buffalo	39	24.6	17.8	11.8	3.3	.1	T	–	–	T	.3	12.5	22.1	92.5
	New York [2]	114	7.7	8.6	5.1	1.0	T	–	–	–	–	T	.9	5.7	29.0
NC	Charlotte	43	2.1	1.8	1.3	T	–	–	–	–	–	–	.1	.6	5.9
	Raleigh	38	2.6	2.4	1.5	T	–	–	–	–	–	–	.2	.9	7.6
ND	Bismarck	43	7.4	6.5	8.1	3.6	.9	T	–	–	.2	1.3	5.1	6.6	39.7
OH	Cincinnati	35	7.8	5.2	4.7	.5	T	–	–	–	–	T	2.5	3.8	24.5
	Cleveland	41	12.2	11.2	9.9	2.2	.1	–	–	–	T	.8	5.4	11.5	53.3
	Columbus	35	8.7	6.0	4.6	.8	T	–	–	–	T	T	2.7	5.6	28.4
OK	Oklahoma City	43	2.8	2.5	1.6	T	–	–	–	–	–	T	.5	1.5	8.9
OR	Portland	42	4.1	.7	.5	T	T	T	–	–	T	T	.5	1.4	7.2
PA	Philadelphia	40	6.4	6.4	4.0	.3	T	–	–	–	–	.1	.6	3.9	21.7
	Pittsburgh	30	12.4	9.9	8.7	1.4	.2	–	–	–	–	.2	3.8	8.4	45.0
RI	Providence	29	9.8	9.9	8.4	.8	.2	–	–	–	–	.2	.6	7.3	37.2
SC	Columbia	35	.4	1.0	.3	–	–	–	–	–	–	–	T	.3	2.0
SD	Sioux Falls	37	6.6	8.6	9.5	1.7	T	–	–	–	T	.6	4.3	7.5	38.8
TN	Memphis	32	2.2	1.4	1.1	T	–	–	–	–	–	–	.1	.8	5.6
	Nashville	41	4.2	3.2	1.7	.1	–	–	–	–	–	–	.6	1.8	11.6
TX	Dallas-Ft. Worth	29	1.5	1.1	.2	–	–	–	–	–	–	–	.2	.2	3.2
	El Paso	43	1.3	.8	.3	T	–	–	–	–	–	T	1.1	1.3	4.8
	Houston	48	.2	.2	T	–	–	–	–	–	–	–	T	T	.4
UT	Salt Lake City	54	13.4	9.5	10.4	4.9	.6	T	–	–	.1	1.1	6.2	11.9	58.1
VT	Burlington	39	18.4	16.7	12.3	3.5	.2	–	–	–	T	.2	7.0	19.3	77.6
VA	Norfolk	34	3.1	2.7	1.3	T	–	–	–	–	–	–	T	1.1	8.2
	Richmond	45	5.2	3.9	2.9	.1	–	–	–	–	–	T	.4	2.1	14.6
WA	Seattle	38	6.3	1.5	1.5	.1	T	–	T	–	T	.1	1.1	2.8	13.4
	Spokane	35	17.9	7.3	4.3	.7	.1	T	–	–	–	.5	5.7	15.1	51.6
WV	Charleston	35	10.5	8.3	4.9	.4	T	–	–	–	–	.2	2.6	4.9	31.8
WI	Milwaukee	42	13.2	9.4	9.1	1.9	T	–	–	–	T	.1	3.0	10.3	47.0
WY	Cheyenne	47	6.4	5.5	11.8	8.6	3.7	.3	–	–	.6	3.5	6.5	5.8	52.7
PR	San Juan	27	–	–	–	–	–	–	–	–	–	–	–	–	–

– Represents zero. [1] For period of record through 1981. [2] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 367. Average Percentage of Possible Sunshine—Selected Cities

[Airport data, except as noted. For period of record through 1982, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Montgomery [1]	31	47	54	59	65	65	66	63	65	62	66	56	50	59
AK	Juneau [2]	33	32	32	37	39	39	34	31	32	26	19	23	20	32
AZ	Phoenix	87	77	80	83	88	93	94	85	85	89	88	83	78	86
AR	Little Rock [1]	34	46	54	57	62	68	73	71	73	68	69	56	48	64
CA	Los Angeles [3]	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento	34	45	61	71	80	88	93	97	96	93	84	63	46	79
	San Francisco [4]	38	56	62	69	73	72	73	66	65	72	70	62	53	67
CO	Denver	33	72	72	71	68	64	72	72	72	75	73	65	68	70
CT	Hartford	26	58	58	57	57	58	60	64	63	59	58	47	49	58
DE	Wilmington [2]	39	50	54	56	57	56	62	62	62	59	59	52	49	57
DC	Washington	34	48	52	55	58	59	65	64	64	62	59	52	47	58
FL	Jacksonville	31	59	61	67	72	70	63	61	60	55	58	61	56	62
	Miami	6	69	68	76	80	70	76	80	76	75	73	66	67	73
GA	Atlanta	47	48	54	57	65	68	67	63	65	63	68	60	50	61
HI	Honolulu	30	62	63	68	66	68	70	73	75	75	68	61	58	67
ID	Boise	40	39	50	63	67	71	75	88	85	81	68	45	38	67
IL	Chicago [1]	39	45	51	56	63	65	72	74	76	69	68	52	45	63
	Peoria	39	48	50	52	55	59	66	68	66	65	62	45	40	57
IN	Indianapolis	38	41	50	51	55	61	66	67	69	66	63	42	39	57
IA	Des Moines	32	51	54	54	56	60	68	72	69	66	63	50	45	60
KS	Wichita	29	59	60	61	64	64	70	75	74	67	67	59	59	66
KY	Louisville	35	43	48	50	55	61	65	66	67	65	62	47	41	57
LA	New Orleans	9	48	54	54	61	58	67	60	60	62	69	55	56	59
ME	Portland	42	56	59	56	56	56	59	64	64	61	58	47	53	58
MD	Baltimore	32	51	56	56	57	56	61	64	62	60	59	51	48	57
MA	Boston	47	54	57	57	57	59	63	66	66	63	60	51	52	60
MI	Detroit [1]	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	41	35	46	54	55	57	58	63	58	45	40	24	27	48
MN	Duluth	32	50	53	55	55	56	58	66	60	52	47	35	39	54
	Minneapolis-St. Paul	44	52	58	55	56	59	64	71	67	61	56	40	40	58
MS	Jackson	18	47	55	58	62	61	70	64	64	60	67	55	50	60
MO	Kansas City	10	59	58	64	69	65	71	73	67	65	65	51	53	64
	St. Louis	23	53	53	55	57	61	68	71	65	64	62	47	43	59
MT	Great Falls [1]	39	48	55	65	61	62	65	80	76	68	60	46	44	63
NE	Omaha [1]	45	55	54	55	58	61	68	74	71	68	66	52	48	62
NV	Reno [5]	37	68	68	76	81	82	85	93	93	92	84	71	64	81
NH	Concord	41	52	55	52	53	55	58	63	60	55	54	42	47	55
NJ	Atlantic City	22	48	51	54	55	54	57	59	62	60	56	46	43	54
NM	Albuquerque	43	72	73	73	77	79	83	76	76	79	80	77	72	77
NY	Albany	44	45	51	52	54	55	58	63	60	56	51	36	38	53
	Buffalo	39	33	39	45	52	58	65	68	65	59	51	29	27	52
	New York [3] [6]	100	50	55	56	59	61	64	65	64	63	61	52	49	59
NC	Charlotte	32	55	60	63	70	69	70	68	69	67	68	62	58	65
	Raleigh	28	54	59	62	64	59	60	61	61	59	62	60	55	60
ND	Bismarck	43	54	55	60	58	63	65	75	73	66	58	45	46	61
OH	Cincinnati [1]	66	41	44	50	55	60	66	68	66	66	58	44	38	56
	Cleveland	39	31	37	44	52	58	65	67	63	60	53	31	26	51
	Columbus	31	36	42	44	51	56	59	60	60	61	57	38	31	51
OK	Oklahoma City	28	59	61	64	65	65	74	77	78	71	69	60	59	68
OR	Portland	33	26	37	46	52	57	54	69	65	60	43	30	21	49
PA	Philadelphia	40	50	54	56	57	56	62	62	62	59	59	52	49	57
	Pittsburgh	30	34	38	44	48	52	57	58	56	58	52	39	29	49
RI	Providence	29	56	58	57	57	57	59	62	59	60	60	50	52	57
SC	Columbia	29	57	61	64	69	67	66	66	67	65	67	65	60	65
SD	Rapid City [1]	39	55	59	62	59	57	62	71	73	68	66	55	53	62
TN	Memphis	32	50	54	57	64	69	74	74	75	69	71	58	51	65
	Nashville	40	41	47	52	59	62	67	64	65	63	63	50	42	57
TX	Dallas-Ft. Worth	4	53	54	58	64	65	72	82	78	75	63	62	52	66
	El Paso	40	77	82	85	87	89	89	80	81	82	84	83	78	83
	Houston	13	42	50	46	50	57	65	67	64	62	63	54	58	57
UT	Salt Lake City	44	46	56	64	67	72	79	84	83	83	72	54	44	69
VT	Burlington	39	42	48	51	60	68	68	64	60	53	48	30	32	50
VA	Norfolk [1]	21	56	59	63	66	65	68	65	65	64	60	59	57	63
	Richmond	32	52	57	60	64	64	67	66	65	64	61	57	52	62
WA	Seattle	16	24	38	50	52	55	54	65	62	58	44	31	19	49
	Spokane	34	26	38	53	60	62	65	80	77	70	52	29	21	57
WV	Parkersburg [1]	83	32	37	44	50	56	59	62	59	59	54	37	30	49
WI	Milwaukee	42	45	48	50	53	60	64	70	66	60	55	41	38	55
WY	Cheyenne [1]	44	62	65	65	61	59	65	68	67	69	69	60	59	64
PR	San Juan	27	66	69	73	67	59	60	67	68	60	60	57	57	64

[1] For period of record through 1981. [2] For period of record through 1978. [3] For period of record through 1976. [4] For period of record through 1973. [5] For period of record through 1979. [6] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 368. Average Wind Speed—Selected Cities

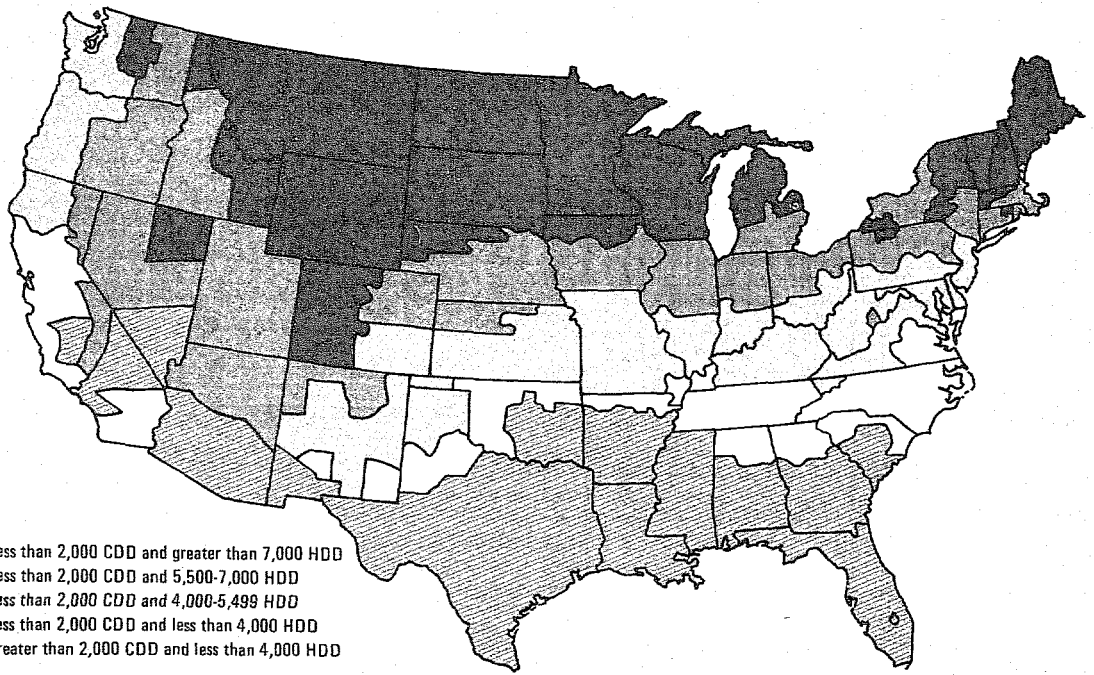
[In miles per hour. Airport data, except as noted. For period of record through 1982]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	34	10.5	10.7	11.0	10.3	8.8	7.7	6.9	6.7	7.9	8.2	9.3	10.1	9.0
AK	Juneau	39	8.3	8.7	8.7	8.8	8.4	7.7	7.5	7.4	8.0	9.6	8.6	9.1	8.4
AZ	Phoenix	37	5.2	5.8	6.5	6.9	7.0	6.8	7.1	6.6	6.3	5.9	5.4	5.2	6.2
AR	Little Rock	40	8.7	9.1	9.9	9.3	7.9	7.4	6.8	6.6	6.8	7.0	8.1	8.4	8.0
CA	Los Angeles	34	6.7	7.3	8.1	8.4	8.3	7.9	7.7	7.6	7.2	6.8	6.6	6.4	7.4
	Sacramento	34	7.6	7.8	8.8	8.9	9.3	9.9	9.1	8.6	7.7	6.6	6.2	6.9	8.1
	San Francisco	55	7.1	8.5	10.3	12.0	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.9	10.5
CO	Denver	34	8.9	9.1	9.9	10.3	9.4	9.0	8.4	8.2	8.1	8.1	8.5	8.6	8.9
CT	Hartford	28	9.2	9.6	10.0	10.3	9.0	8.2	7.6	7.3	7.4	7.8	8.5	8.7	8.6
DE	Wilmington	34	10.0	10.5	11.2	10.6	9.0	8.5	7.8	7.5	7.9	8.3	9.2	9.5	9.2
DC	Washington	34	10.1	10.5	11.0	10.6	9.2	8.8	8.2	8.1	8.2	8.7	9.3	9.5	9.3
FL	Jacksonville	33	8.4	9.3	9.2	8.9	8.3	8.2	7.3	7.1	7.9	8.4	8.0	8.1	8.2
	Miami	33	9.5	10.1	10.5	10.7	9.6	8.3	7.9	7.9	8.2	9.3	9.6	9.2	9.2
GA	Atlanta	44	10.6	10.9	10.9	10.1	8.6	8.0	7.5	7.1	8.0	8.4	9.1	9.9	9.1
HI	Honolulu	33	9.9	10.6	11.6	12.1	12.1	12.8	13.6	13.4	11.7	10.9	11.0	10.8	11.7
ID	Boise	43	8.3	9.2	10.2	10.2	9.6	9.1	8.4	8.2	8.3	8.5	8.5	8.4	8.9
IL	Chicago	24	11.6	11.5	11.9	12.1	10.5	9.1	8.1	8.1	8.7	9.8	10.8	10.9	10.3
	Peoria	39	11.2	11.4	12.2	12.1	10.2	9.1	8.0	7.8	8.6	9.5	11.1	10.9	10.2
IN	Indianapolis	34	11.0	10.9	11.7	11.3	9.5	8.5	7.5	7.2	7.9	8.8	10.4	10.5	9.6
IA	Des Moines	33	11.7	11.7	13.0	13.1	11.3	10.3	8.9	8.7	9.4	10.4	11.5	11.4	11.0
KS	Wichita	29	12.3	12.9	14.3	14.3	12.6	12.3	11.2	11.3	11.4	12.1	12.1	12.1	12.4
KY	Louisville	35	9.7	9.7	10.4	9.9	8.0	7.4	6.7	6.4	6.7	7.2	8.9	9.3	8.4
LA	New Orleans	34	9.4	9.8	10.0	9.4	8.1	6.9	6.2	5.9	7.2	7.5	8.6	9.0	8.2
ME	Portland	42	9.3	9.5	10.0	10.0	9.1	8.1	7.6	7.4	7.7	8.3	8.7	9.0	8.7
MD	Baltimore	32	9.9	10.5	11.0	10.8	9.2	8.6	7.9	7.9	8.1	8.8	9.4	9.4	9.3
MA	Boston	25	14.2	14.0	13.8	13.5	12.1	11.4	10.8	10.7	11.2	12.0	12.9	13.6	12.5
MI	Detroit	48	11.6	11.4	11.4	11.1	9.7	9.1	8.2	8.0	8.7	9.5	11.2	11.3	10.1
	Sault Ste. Marie	41	10.0	9.7	10.3	10.6	9.9	8.7	8.0	7.9	8.8	9.4	9.9	9.9	9.4
MN	Duluth	33	11.8	11.5	11.9	12.8	11.9	10.7	9.6	9.6	10.6	11.3	11.8	11.3	11.2
	Minneapolis-St. Paul	44	10.4	10.5	11.3	12.2	11.2	10.4	9.2	9.1	9.8	10.4	10.9	10.3	10.5
MS	Jackson	19	8.7	8.6	9.3	8.4	7.0	6.2	5.8	5.6	6.3	6.4	7.3	8.4	7.3
MO	Kansas City	10	10.9	11.6	12.5	12.4	10.1	10.0	8.7	9.1	8.9	10.5	11.2	11.1	10.6
	St. Louis	33	10.5	10.9	11.9	11.5	9.4	8.8	7.9	7.6	8.0	8.7	9.9	10.3	9.6
MT	Great Falls	41	15.2	14.6	13.3	13.0	11.4	11.3	10.2	10.3	11.4	13.4	14.7	15.8	12.9
NE	Omaha	46	11.0	11.3	12.4	12.8	11.1	10.2	8.9	9.0	9.5	9.9	10.9	10.7	10.6
NV	Reno	40	5.7	6.1	7.6	8.1	7.7	7.4	6.8	6.3	5.6	5.3	5.3	5.1	6.4
NH	Concord	41	7.4	7.9	8.3	8.0	7.0	6.4	5.7	5.4	5.5	6.0	6.6	7.1	6.6
NJ	Atlantic City	24	11.6	11.8	12.2	12.0	10.4	9.5	8.7	8.3	8.7	9.3	10.7	10.9	10.3
NM	Albuquerque	43	8.1	8.9	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.8	7.7	9.0
NY	Albany	44	9.9	10.4	10.6	10.6	9.1	8.3	7.4	7.0	7.4	8.0	9.0	9.3	8.9
	Buffalo	43	14.4	13.9	13.5	12.9	11.5	11.1	10.4	9.9	10.5	11.2	12.8	13.4	12.1
	New York [1]	57	10.7	10.9	11.0	10.5	8.8	8.1	7.7	7.6	8.1	8.9	9.9	10.4	9.4
NC	Charlotte	33	7.9	8.4	8.9	8.9	7.6	7.0	6.6	6.5	6.7	7.0	7.2	7.4	7.5
	Raleigh	33	8.6	9.0	9.4	9.1	7.6	7.0	6.6	6.3	6.7	7.1	7.7	8.0	7.8
ND	Bismarck	43	10.0	10.0	11.0	12.2	11.9	10.6	9.3	9.5	10.0	10.1	10.0	9.5	10.3
OH	Cincinnati	35	10.7	10.5	11.2	10.8	8.8	8.0	7.1	6.8	7.4	8.1	9.6	10.2	9.1
	Cleveland	41	12.5	12.2	12.4	11.8	10.1	9.4	8.7	8.4	9.1	10.1	12.0	12.3	10.8
	Columbus	33	10.3	10.2	10.7	10.1	8.5	7.6	6.8	6.5	6.7	7.7	9.5	9.9	8.7
OK	Oklahoma City	34	13.0	13.4	14.8	14.7	12.9	12.4	11.0	10.7	11.1	12.0	12.4	12.6	12.6
OR	Portland	34	10.1	9.1	8.4	7.4	7.1	7.1	7.6	7.1	6.5	6.6	8.6	9.6	7.9
PA	Philadelphia	42	10.4	11.0	11.4	11.0	9.6	8.8	8.1	7.9	8.3	8.8	9.6	10.1	9.6
	Pittsburgh	30	10.7	10.7	10.9	10.5	8.9	8.1	7.4	7.0	7.5	8.5	9.9	10.4	9.2
RI	Providence	29	11.4	11.6	12.1	12.3	10.6	10.0	9.5	9.3	9.5	9.6	10.5	10.9	10.6
SC	Columbia	34	7.1	7.6	8.2	8.3	6.9	6.6	6.4	5.9	6.1	6.1	6.4	6.7	6.8
SD	Sioux Falls	34	11.1	11.2	12.6	13.4	11.9	10.7	9.7	9.8	10.3	10.9	11.5	10.7	11.1
TN	Memphis	34	10.4	10.4	11.2	10.6	8.9	8.1	7.5	7.0	7.5	7.8	9.2	10.0	9.0
	Nashville	41	9.2	9.4	10.0	9.5	7.6	7.1	6.4	6.1	6.3	6.7	8.4	8.9	8.0
TX	Dallas-Fort Worth	29	11.1	11.9	13.0	12.6	11.0	10.7	9.4	9.0	9.3	9.6	10.5	11.0	10.8
	El Paso	40	8.8	9.6	11.5	11.6	10.8	9.8	8.6	8.2	8.0	7.9	8.2	8.3	9.3
	Houston	13	8.3	8.7	9.5	9.2	8.2	7.7	6.8	5.9	6.7	6.6	7.7	7.9	7.8
UT	Salt Lake City	53	7.7	8.2	9.3	9.5	9.4	9.4	9.5	9.6	9.1	8.5	7.8	7.5	8.8
VT	Burlington	39	9.6	9.3	9.4	9.4	8.8	8.3	7.9	7.5	8.1	8.6	9.5	9.8	8.8
VA	Norfolk	34	11.5	11.9	12.3	11.8	10.2	9.6	8.8	8.8	9.5	10.4	10.6	11.0	10.6
	Richmond	34	8.0	8.5	8.9	8.8	7.6	7.2	6.6	6.3	6.5	6.9	7.4	7.6	7.5
WA	Seattle	34	9.9	9.7	10.0	9.7	9.0	8.6	8.3	7.9	8.1	8.7	9.2	9.8	9.1
	Spokane	35	8.7	9.2	9.6	9.8	8.9	8.9	8.3	8.1	8.1	8.0	8.2	8.8	8.7
WV	Charleston	35	7.7	7.7	8.4	7.8	6.2	5.6	5.1	4.4	4.8	5.3	6.8	7.2	6.4
WI	Milwaukee	42	12.8	12.7	13.1	13.0	11.8	10.5	9.6	9.5	10.6	11.4	12.6	12.4	11.7
WY	Cheyenne	25	15.3	14.9	14.6	14.3	12.6	11.4	10.3	10.4	11.1	12.3	13.3	14.9	13.0
PR	San Juan	27	8.8	9.2	9.5	9.3	8.5	9.0	9.8	9.1	7.5	6.9	7.5	8.6	8.6

[1] For period of record through 1976; city office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Figure 7.3
U.S. Weather Zone Map of Heating Degree Days (HDD) and Cooling Degree Days (CDD)



Note: Heating degree days (HDD) refers to the number of degrees the daily average temperature is below 65 degrees Fahrenheit. Cooling degree days (CDD) refers to the number of degrees the daily average temperature is above 65 degrees Fahrenheit.

Source: Chart prepared by U.S. Bureau of the Census.

No. 369. Normal Monthly and Seasonal Heating Degree Days, 65° Base—Selected Cities

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 190]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
AL	Mobile	469	342	191	43	-	-	-	-	-	50	218	382	1,695
AK	Juneau	1,339	1,042	1,048	777	574	369	288	322	474	719	969	1,184	9,105
AZ	Phoenix	394	269	187	52	-	-	-	-	-	13	159	368	1,442
AR	Little Rock	778	585	417	124	18	-	-	-	8	132	414	676	3,152
CA	Los Angeles	286	233	240	180	106	54	17	12	18	55	139	255	1,595
	Sacramento	611	412	366	229	83	21	-	-	7	82	360	601	2,772
	San Francisco	512	375	378	306	226	139	103	89	80	148	315	490	3,161
CO	Denver	1,101	879	837	528	253	74	-	-	135	414	789	1,004	6,014
CT	Hartford	1,234	1,047	874	486	197	20	-	8	102	391	702	1,113	6,174
DE	Wilmington	1,048	890	719	378	130	6	-	-	36	282	582	915	4,986
DC	Washington	924	770	595	257	68	-	-	-	13	197	489	809	4,122
FL	Jacksonville	396	302	166	21	-	-	-	-	-	21	164	332	1,402
	Miami	76	62	14	-	-	-	-	-	-	-	5	42	199
GA	Atlanta	716	563	400	133	37	5	-	-	7	130	394	636	3,021
HI	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
ID	Boise	1,088	809	732	492	253	83	-	23	134	406	759	1,023	5,802
IL	Chicago	1,352	1,092	899	486	224	38	-	9	75	368	756	1,156	6,455
	Peoria	1,349	1,070	859	411	176	22	-	5	64	361	756	1,153	6,226
IN	Indianapolis	1,209	983	775	382	158	15	-	-	63	330	696	1,039	5,650
IA	Des Moines	1,438	1,134	927	435	156	17	-	-	80	357	792	1,218	6,554
KS	Wichita	1,097	837	656	275	89	7	-	-	37	219	621	949	4,787
KY	Louisville	1,008	815	624	264	98	5	-	-	32	250	567	862	4,525
LA	New Orleans	423	318	171	25	-	-	-	-	-	31	186	336	1,490
ME	Portland	1,349	1,176	1,020	666	378	107	22	54	201	515	798	1,215	7,501
MD	Baltimore	1,001	848	673	334	115	-	-	-	29	261	561	884	4,706
MA	Boston	1,097	960	825	489	218	25	-	6	80	329	594	970	5,593
MI	Detroit	1,290	1,098	930	528	247	36	5	12	106	414	765	1,132	6,563
	Sault Ste. Marie	1,603	1,420	1,274	807	480	210	101	123	306	611	966	1,404	9,305
MN	Duluth	1,820	1,484	1,305	801	456	179	71	115	334	645	1,104	1,587	9,901
	Minneapolis-St. Paul	1,668	1,330	1,110	570	238	41	12	16	160	488	954	1,420	8,007
MS	Jackson	611	462	303	77	9	-	-	-	-	98	316	513	2,389
MO	Kansas City	1,212	921	729	314	112	12	-	-	42	258	657	1,026	5,283
	St. Louis	1,122	874	676	279	110	12	-	-	40	258	612	955	4,938
MT	Great Falls	1,435	1,072	1,042	669	369	141	20	66	268	536	930	1,218	7,768
NE	Omaha	1,389	1,058	859	390	130	16	-	-	73	342	765	1,172	6,194
NV	Reno	1,017	773	756	558	333	124	16	59	171	456	759	1,008	6,030
NH	Concord	1,398	1,198	1,020	627	314	67	20	39	191	521	831	1,256	7,482
NJ	Atlantic City	1,029	890	744	420	165	26	-	-	27	298	582	905	5,086
NM	Albuquerque	936	717	583	302	81	-	-	-	12	242	630	911	4,414
NY	Albany	1,361	1,165	973	552	252	38	7	15	149	450	771	1,194	6,927
	Buffalo	1,287	1,134	992	588	294	53	9	25	130	423	741	1,122	6,798
	New York[1]	1,029	885	732	378	134	7	-	-	36	240	534	893	4,868
NC	Charlotte	760	619	459	155	50	-	-	-	10	166	429	694	3,342
	Raleigh	787	655	496	181	53	-	-	-	9	187	450	713	3,531
ND	Bismarck	1,807	1,414	1,209	675	324	100	18	57	255	586	1,092	1,538	9,075
OH	Cincinnati	1,076	882	682	317	122	8	-	-	39	279	612	933	4,950
	Cleveland	1,225	1,053	860	507	244	33	8	11	99	371	696	1,051	6,178
	Columbus	1,175	986	775	408	178	19	-	5	78	355	687	1,020	5,686
OK	Oklahoma City	902	678	506	184	41	-	-	-	15	145	486	778	3,735
OR	Portland	809	610	592	438	263	118	35	51	111	332	585	747	4,691
PA	Philadelphia	1,048	893	719	363	127	-	-	-	33	273	576	915	4,947
	Pittsburgh	1,187	1,014	822	447	201	28	-	13	101	393	702	1,042	5,950
RI	Providence	1,141	1,000	856	513	239	31	-	6	94	366	648	1,014	5,908
SC	Columbia	637	508	346	87	22	-	-	-	-	123	339	567	2,629
SD	Sioux Falls	1,631	1,285	1,073	561	240	52	14	15	161	489	960	1,404	7,885
TN	Memphis	787	602	433	126	25	-	-	-	9	137	415	673	3,207
	Nashville	865	689	510	186	55	-	-	-	19	193	492	747	3,756
TX	Dallas-Fort Worth	651	469	313	85	-	-	-	-	-	56	300	533	2,407
	El Paso	645	465	318	93	-	-	-	-	-	96	408	639	2,664
	Houston	442	314	175	32	-	-	-	-	-	36	201	349	1,549
UT	Salt Lake City	1,128	865	753	474	220	53	-	-	97	377	759	1,076	5,802
VT	Burlington	1,500	1,313	1,110	669	326	64	23	50	202	530	852	1,314	7,953
VA	Norfolk	778	669	512	219	53	-	-	-	9	146	393	667	3,446
	Richmond	880	731	552	226	65	-	-	-	24	221	483	778	3,960
WA	Seattle-Tacoma	803	622	645	489	313	169	76	97	169	388	606	744	5,121
	Spokane	1,218	913	849	576	339	140	17	63	209	539	903	1,116	6,882
WV	Charleston	995	823	626	298	125	16	-	-	51	301	591	871	4,697
WI	Milwaukee	1,435	1,176	1,020	612	334	84	11	25	117	444	831	1,237	7,326
WY	Cheyenne	1,206	1,000	1,020	696	397	139	24	37	235	543	906	1,107	7,310
PR	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

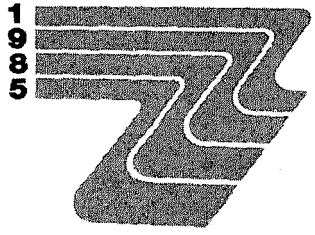
No. 370. Normal Monthly and Seasonal Cooling Degree Days, 65° Base—Selected Cities

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 190]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
AL	Mobile	29	23	39	133	307	465	533	521	396	158	26	13	2,643
AK	Juneau	-	-	-	-	-	-	-	-	-	-	-	-	-
AZ	Phoenix	-	20	51	142	376	645	846	772	588	273	27	6	3,746
AR	Little Rock	-	-	20	46	188	405	530	496	287	73	-	-	2,045
CA	Los Angeles	7	12	-	15	25	72	141	176	153	95	25	7	728
	Sacramento	-	-	-	25	80	207	329	301	208	48	-	-	1,198
	San Francisco	-	-	-	-	-	13	16	27	47	12	-	-	115
CO	Denver	-	-	-	-	11	134	261	203	63	8	-	-	680
CT	Hartford	-	-	-	-	24	128	260	203	51	-	-	-	666
DE	Wilmington	-	-	-	-	43	192	341	304	123	12	-	-	1,015
DC	Washington	-	-	-	8	99	285	431	391	196	20	-	-	1,430
FL	Jacksonville	30	25	51	102	282	420	505	496	396	160	38	15	2,520
	Miami	141	140	222	309	419	480	539	552	504	400	239	150	4,095
GA	Atlanta	-	-	12	37	170	329	422	409	247	44	-	-	1,670
HI	Honolulu	236	221	291	321	388	423	468	496	468	450	348	279	4,389
ID	Boise	-	-	-	-	17	107	298	240	80	-	-	-	742
IL	Chicago	-	-	-	-	41	146	252	223	66	12	-	-	740
	Peoria	-	-	-	-	71	208	314	256	82	17	-	-	948
IN	Indianapolis	-	-	-	-	80	213	313	257	111	14	-	-	988
IA	Des Moines	-	-	-	-	66	215	354	279	83	22	-	-	1,019
KS	Wichita	-	-	8	14	117	340	508	456	205	36	-	-	1,684
KY	Louisville	-	-	7	12	110	266	391	353	179	24	-	-	1,342
LA	New Orleans	32	30	59	136	307	459	530	518	405	161	36	13	2,686
ME	Portland	-	-	-	-	-	23	118	104	9	-	-	-	254
MD	Baltimore	-	-	-	-	66	221	366	329	146	10	-	-	1,138
MA	Boston	-	-	-	-	17	115	266	220	68	13	-	-	699
MI	Detroit	-	-	-	-	33	117	219	183	55	8	-	-	615
	Sault Ste. Marie	-	-	-	-	6	12	55	58	-	-	-	-	131
MN	Duluth	-	-	-	-	-	11	80	59	-	-	-	-	150
	Minneapolis-St. Paul	-	-	-	-	36	134	263	190	28	11	-	-	662
MS	Jackson	13	17	34	80	241	426	524	502	342	98	13	-	2,290
MO	Kansas City	-	-	-	8	99	270	423	363	144	26	-	-	1,333
	St. Louis	-	-	-	12	128	306	431	372	181	38	-	-	1,468
MT	Great Falls	-	-	-	-	-	48	153	144	40	6	-	-	391
NE	Omaha	-	-	-	6	77	256	394	320	97	16	-	-	1,166
NV	Reno	-	-	-	-	11	46	156	117	27	-	-	-	357
NH	Concord	-	-	-	-	10	58	160	111	14	-	-	-	353
NJ	Atlantic City	-	-	-	-	26	152	291	248	75	-	-	-	792
NM	Albuquerque	-	-	-	-	59	285	428	344	132	6	-	-	1,254
NY	Albany	-	-	-	-	19	89	206	145	35	-	-	-	494
	Buffalo	-	-	-	-	18	83	186	146	43	-	-	-	476
	New York[1]	-	-	-	-	56	199	363	322	135	14	-	-	1,089
NC	Charlotte	-	-	7	14	149	304	419	400	220	33	-	-	1,546
	Raleigh	-	-	9	16	121	270	394	372	189	23	-	-	1,394
ND	Bismarck	-	-	-	-	10	79	186	174	24	-	-	-	473
OH	Cincinnati	-	-	-	8	101	230	344	310	144	22	-	-	1,159
	Cleveland	-	-	-	-	33	111	213	178	72	5	-	-	612
	Columbus	-	-	-	-	66	175	273	235	102	11	-	-	862
OK	Oklahoma City	-	-	13	40	147	360	530	499	264	61	-	-	1,914
OR	Portland	-	-	-	-	6	43	119	122	42	-	-	-	332
PA	Philadelphia	-	-	-	-	59	202	357	319	129	9	-	-	1,075
	Pittsburgh	-	-	-	-	37	121	222	186	74	5	-	-	645
RI	Providence	-	-	-	-	10	85	235	195	49	-	-	-	574
SC	Columbia	6	6	20	51	223	381	496	471	297	74	6	-	2,033
SD	Sioux Falls	-	-	-	-	29	154	293	226	41	6	-	-	749
TN	Memphis	-	-	20	54	211	411	530	484	285	72	-	-	2,067
	Nashville	-	-	14	24	151	328	446	415	238	45	-	-	1,661
TX	Dallas-Fort Worth	-	7	37	112	275	510	660	636	408	146	18	-	2,809
	El Paso	-	-	11	51	218	474	543	474	273	52	-	-	2,096
	Houston	20	20	51	143	307	468	561	546	402	181	54	8	2,761
UT	Salt Lake City	-	-	-	-	28	152	388	311	97	5	-	-	981
VT	Burlington	-	-	-	-	22	61	165	115	16	-	-	-	379
VA	Norfolk	-	-	-	15	96	282	415	394	225	31	-	-	1,458
	Richmond	-	-	-	13	99	258	397	366	180	23	-	-	1,336
WA	Seattle-Tacoma	-	-	-	-	-	25	70	70	19	-	-	-	184
	Spokane	-	-	-	-	8	41	162	159	41	-	-	-	411
WV	Charleston	-	-	-	7	91	196	295	270	129	19	-	-	1,007
WI	Milwaukee	-	-	-	-	18	81	182	158	24	7	-	-	470
WY	Cheyenne	-	-	-	-	-	49	145	93	22	-	-	-	309
PR	San Juan	357	325	388	414	474	501	527	533	507	508	438	394	5,366

- Represents zero [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.



Section 8

Parks and Recreation

This section presents statistics on national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract;* the *Index-National Park System and Related Areas,* a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites. The National Park Service is also responsible for the administration of the Land and Water Conservation Fund, the Urban Park and Recreation program and several other outdoor recreation programs which were administered by the Heritage Conservation and Recreation Service until its abolishment in 1981.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange.* The Bureau of Land Management, in its *Public Land Statistics,* also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service,* issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Visitation.—Statistics presented on visitation to various recreation areas are collected by several different agencies and groups. The methodology used to collect these results, may vary accordingly from visual counts and estimates to the use of electromagnetic traffic counters. Many factors besides the methodology, may affect the results such as multiple or random access points, irregular boundaries, and many other general factors that may affect usage. In using and comparing these data, one should also be aware of several different definitions that follow: Recreation visit, which is the entry of any person into an area for recreation purposes; nonrecreation visits, which include visits going to and from inholdings, through traffic, tradespeople and personnel with business in the area; and visitor hour, which constitutes the presence of a person in a recreation area or site for recreational purposes for periods of time aggregating 60 minutes.

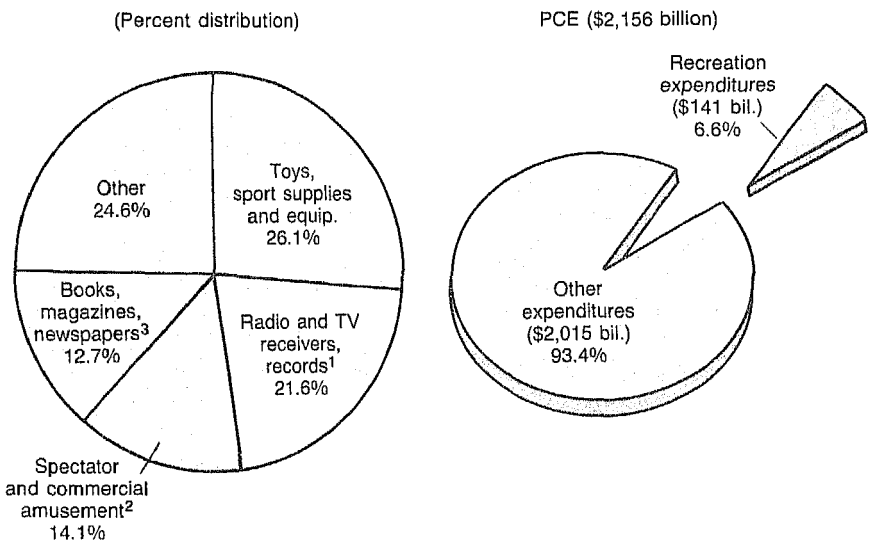
Recreation and Leisure Activities.—Statistics on the participation in various recreation and leisure time activities presented here are based on several sample surveys. Data on participation in fishing, hunting, and other forms of wildlife-associated recreation are published every five years by the U.S. Department of Interior, Fish and Wildlife Service. The most recent data are from the 1980 survey. Data on participation in various outdoor recreation activities are published by the National Park Service (1983 figures are the most recent). Data on the attendance at various art performances by demographic characteristics are presented for the first time by the National Endowment for the Arts.

Travel.—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every 5 years. The most recent data now available are from the 1977 census. Data on household transportation are published by the U.S. Energy Information Administration and appear in Section 22.

Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in selected issues of the monthly *Survey of Current Business.* Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics.*

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

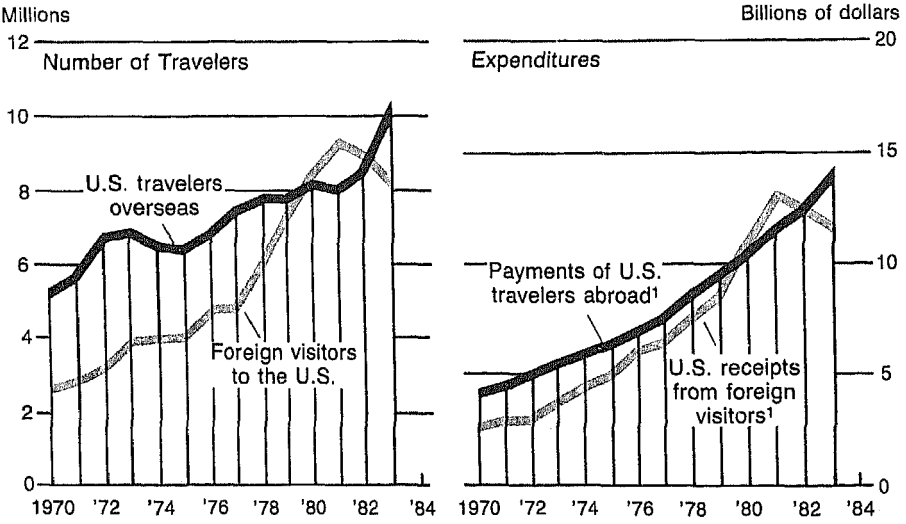
Figure 8.1
Personal Consumption Expenditures (PCE) for Recreation: 1983



[1] Includes musical instruments and radio and TV repair.
[2] Includes admissions to spectator amusements, commercial participant amusement, and parimutuel net receipts.
[3] Includes maps and sheet music.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 377.

Figure 8.2
Overseas Travelers to and from the United States — Number and Expenditures: 1970 to 1983



[1] Excludes expenditures for U.S. or foreign flag carriers.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 398 and 399.

No. 371. National Park System—Summary: 1960 to 1983

[For years ending **June 30** through **1975**, thereafter ending **Sept. 30**; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Finances (mil. dol.):										
Expenditures reported [1]	74.2	131.6	136.8	341.8	473.4	482.8	574.3	1,172.9	1,012.5	1,008.0
Salaries and wages	29.9	48.6	82.5	152.1	223.5	238.3	259.3	302.6	320.1	353.0
Improvements, maintenance	4.7	8.3	15.5	40.4	63.9	67.9	77.3	82.3	98.3	102.4
Construction	33.2	56.3	23.9	85.5	101.5	76.7	126.8	123.2	72.9	87.5
Other	6.5	19.5	17.0	63.8	84.5	99.9	110.8	664.8	521.2	465.1
Funds available [1]	115.7	183.1	174.6	428.0	653.3	616.7	907.9	2,307.7	1,931.3	2,035.8
Appropriations	79.6	128.4	129.4	345.6	552.1	526.2	539.4	827.0	801.2	1,118.2
Other	36.2	54.7	45.2	82.4	101.2	90.5	368.5	1,480.7	1,130.1	917.6
Revenue from operations [2]	5.7	7.4	8.8	17.2	22.9	21.1	21.1	22.9	25.5	33.1
Visits (millions): [3]										
All areas	79.2	121.3	172.0	238.8	283.1	282.4	300.3	329.7	334.4	334.5
National parks [4]	26.6	36.6	45.9	58.8	62.9	57.5	60.2	63.3	63.5	63.8
National monuments	10.7	12.3	17.3	17.3	19.1	16.8	16.3	17.1	18.2	18.5
National historical, archeological, and military areas	21.8	40.7	47.0	75.7	88.4	83.9	88.5	95.0	95.1	95.3
National parkways	9.0	13.0	27.8	36.0	37.7	35.0	40.2	43.8	45.1	47.8
National recreation areas [4]	3.7	6.2	11.5	23.9	38.9	41.3	48.1	51.1	52.9	54.4
National seashores	.5	3.4	9.1	13.3	17.6	14.2	15.0	16.0	15.5	16.7
National Capital Parks [5]	6.9	9.2	10.3	11.2	3.3	2.8	4.1	6.7	7.3	6.3
Miscellaneous other areas	(x)	(x)	3.0	2.6	15.1	31.5	28.0	37.3	36.8	31.7
Overnight stays reported	9.4	13.0	16.2	16.7	17.6	16.0	16.5	17.0	16.9	16.1
Camper days	4.8	8.1	9.0	8.8	9.1	7.9	8.3	8.9	8.8	7.8
Tents	3.6	5.1	4.7	3.7	3.8	3.4	3.9	4.2	4.2	3.6
Recreation vehicles	1.3	3.0	4.3	5.1	5.4	4.5	4.4	4.7	4.6	4.2
In commercial lodgings	2.8	3.3	4.9	4.0	4.1	4.0	4.1	4.0	3.3	3.3
Other	1.8	1.6	2.2	3.9	4.3	4.1	4.1	4.1	4.8	5.0
Land (1,000 acres):										
Total [6]	25,704	26,549	28,543	29,091	[7] 70,541	70,797	70,936	73,665	74,800	74,846
Parks	13,208	13,619	14,307	15,344	15,679	15,684	15,801	[8] 44,470	[8] 45,414	[8] 45,427
Recreation areas	3,214	3,497	3,628	3,156	3,255	3,280	3,322	3,327	3,313	3,317
Other	9,283	9,432	10,608	10,590	51,607	51,833	51,813	[8] 25,868	[8] 26,073	[8] 26,102
Acquisition, gross	21	319	83	110	266	86	121	70	40	46
By purchase	6	42	74	70	261	65	109	60	37	41
By gift	10	13	1	(z)	5	4	7	6	3	2
By transfer or exchange	5	264	10	40	(z)	17	5	4	(z)	6
Exclusion	(z)	[9] (z)	2	(z)	(z)	1	(z)	(z)	(z)	1
Acquisition, net	21	318	82	110	266	85	121	70	40	46

X Not applicable. Z Less than 1,000 acres. [1] For 1960–1980; excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). Beginning 1981, data reflect absorption by National Park Service of activities of former Heritage Conservation and Recreation Service (e.g., Land and Water Conservation Fund). See text, p. 219. [2] Receipts deposited in Treasury; beginning 1975, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. [3] For calendar year. For 1960 excludes visits to White House. [4] Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. [5] Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas. [6] Federal land only, as of Dec. 31. [7] On Dec. 1, 1978 over 40 million acres of public domain land in AK were added to the system. [8] Several areas of the National Park System were reclassified as national parks in 1981, therefore data are not comparable with prior years. [9] Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960–1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1975, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960–1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

No. 372. National Park System—Type of Area: 1983

[As of **September 30.** Totals include 5 areas in Puerto Rico and Virgin Islands, and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	**335**	**74,845,749**	National seashores	10	457,000
			Parkways	4	159,093
National parks	48	45,427,297	National lakeshores	4	127,162
National historical parks	26	91,603	National rivers	11	222,899
National monuments	78	4,456,377	National Capital Parks	1	6,467
National military parks	10	33,530			
National battlefields	10	8,193	Parks, other	10	30,833
			National recreation areas	17	3,316,723
National battlefield parks	3	6,675	National Trail	1	55,845
National battlefield sites	1	1	National preserves	12	20,421,677
National historic sites	63	16,201	National Mall	1	146
National memorials	24	7,988	White House	1	18

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

NO. 373. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1983, VISITS AND OVERNIGHT STAYS, 1981 TO 1983

[Acreage as of **December 31.** Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1982. For *information on methodolgy and definition of "visits", see text, p. 219*]

AREA	Acreage,[1] 1983 (1,000)	VISITS (mil.) 1981, total	VISITS (mil.) 1982, total	VISITS (mil.) 1983 Total[2]	VISITS (mil.) 1983 Recreation	OVERNIGHT STAYS[3] (1,000) 1981	1982	1983
Total, all areas[4]	**79,392**	**329.7**	**334.4**	**335.6**	**243.6**	**16,989**	**16,873**	**16,103**
Blue Ridge Parkway, NC, VA	82	17.0	17.8	18.9	15.2	288	268	234
Cape Hatteras National Seashore, NC	30	1.8	1.9	2.0	1.7	279	280	244
Chickamauga and Chattanooga National Military Park, TN, GA	8	12.5	11.3	13.1	1.0	3	2	2
Colonial National Historical Park, VA[5]	9	12.2	12.2	6.0	2.1	–	–	–
Death Valley National Monument, CA	2,068	.6	.7	.7	.6	334	369	378
Gateway National Recreation Area, NJ, NY	26	9.6	10.1	10.4	10.3	5	16	11
Glacier National Park, MT	1,014	1.8	1.7	2.2	2.2	379	342	350
Glen Canyon National Recreation Area, AZ, UT	1,237	1.8	1.8	1.9	1.9	1,181	1,323	1,444
Golden Gate National Recreation Area, CA	*73*	*20.3*	*19.9*	*17.6*	*17.6*	–	–	21
Grand Canyon National Park, AZ	1,218	2.7	2.5	2.4	2.2	795	802	723
Grand Teton National Park, WY	311	3.6	3.4	2.6	1.5	590	546	484
Great Smoky Mountains National Park, NC, TN	*520*	*12.0*	*12.9*	*13.0*	*8.4*	*521*	*560*	434
Hot Springs National Park, AR	6	5.3	5.0	5.2	1.2	9	8	17
Kennesaw Mountain National Battlefield Park, GA[5]	3	6.7	6.7	2.5	.9	6	–	1
Kings Canyon National Park, CA	460	.8	.8	.8	.8	313	263	291
Lake Mead National Recreation Area, AZ, NV	1,497	5.4	5.6	6.1	5.9	1,390	1,563	1,574
Natchez Trace Parkway, MS, TN, AL	50	16.8	16.6	19.2	12.8	14	17	18
Olympic National Park, WA	915	2.7	3.0	2.9	2.4	427	350	331
Ozark National Scenic Riverways, MO	81	1.8	1.9	1.8	1.4	263	289	267
Rocky Mountain National Park, CO	265	2.9	2.6	2.7	2.6	310	260	247
Sequoia National Park, CA	403	1.1	1.0	.9	.9	441	419	347
Shenandoah National Park, VA	195	1.9	1.8	1.8	1.8	458	443	422
Valley Forge National Historical Park, PA	*3*	*12.2*	*12.5*	*13.0*	*3.4*	–	–	–
Yellowstone National Park, ID, MT, WY	*2,220*	*2.5*	*2.4*	*2.4*	*2.3*	*1,386*	*1,317*	*1,292*
Yosemite National Park, CA	761	2.6	2.5	2.5	2.5	2,127	2,037	1,917

– Represents zero. [1] Includes non-Federal land. [2] Includes nonrecreation visits. [3] The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. [4] Includes areas not shown separately. [5] Visits for 1983 not comparable to previous years due to changes in counting procedures.

Source: U.S. National Park Service, *National Park Statistical Abstract*, annual, and unpublished data.

NO. 374. NATIONAL FOREST RECREATION USE—SUMMARY: 1983

[*For year ending* **September 30.** *Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also Historical Statistics, Colonial Times to 1970,* series H 829-835]

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
Sites and areas	**227,708**	**100.0**	**Total**	**227,708**	**100.0**
Developed sites	**80,988**	**35.6**	Camping	54,103	23.8
			Picnicking	8,430	3.7
Observation sites	1,257	.6	Recreation travel (mechanized)	51,635	22.7
Boating and fishing sites	3,070	1.3	Water travel	8,814	3.9
Swimming sites, playgrounds, etc	2,441	1.1	Games and team sports	1,464	.6
Campgrounds and trailheads	36,673	16.1	Water skiing and other water sports	988	.4
Picnic grounds	4,923	2.2	Swimming and scuba diving	5,216	2.3
Hotels, lodges, resorts	5,007	2.2	Winter sports	14,747	6.5
Organization sites	5,198	2.3	Fishing	15,567	6.8
Recreation residence sites	6,110	2.7	Hunting	16,129	7.1
Ski areas and winter sports sites	13,729	6.0	Hiking and mountain climbing	12,497	5.5
			Horseback riding	3,743	1.6
Documentary areas, concession sites, visitor centers	2,580	1.1	Resort use	4,579	2.0
Dispersed areas	***146,720***	***64.4***	*Organization camp use*	*3,927*	1.7
Roads (recreation)	52,675	23.1	Recreation cabin use	6,247	2.7
Trails (recreation)	12,986	5.7	Gathering forest products	5,499	2.4
Airfields	15	(Z)	Nature study	1,730	.8
Waters	*27,240*	*12.0*	*Viewing scenery, sports, environment*	8,859	3.9
General undeveloped country	53,804	23.6	Visitor information (exhibits, talks, etc.)	3,534	1.6

Z Less than .05 percent.

Source: U.S. Forest Service, unpublished data.

NO. 375. RECREATIONAL USE OF PUBLIC LANDS ADMINISTERED BY BUREAU OF LAND MANAGEMENT: 1983

[For year ending Sept. 30. See text p. 219]

STATE	Number of visits (1,000)	Total visitor hours (1,000)	TYPE OF RECREATION USE (1,000)									
			Land-based recreation activities						Water-based recreation activities			Snow- and ice-based recreational activity, Winter sports
			Motorized travel		Site based							
			Offroad vehicle travel	Other motorized travel	Nonmotorized travel	Camping	Hunting	Other	Fishing	Boating	Other	
Total	**56,270**	**334,010**	**24,397**	**35,534**	**12,237**	**84,066**	**92,974**	**39,734**	**20,290**	**16,869**	**4,992**	**2,917**
AK	222	2,790	76	311	58	1,504	74	84	74	559	2	48
AZ	1,176	22,132	1,032	145	565	15,433	2,623	1,933	135	203	51	12
CA	28,307	98,503	11,639	10,548	4,947	28,079	14,595	24,405	784	2,427	1,054	25
CO	5,818	28,281	640	2,327	467	4,305	9,494	2,586	4,468	1,098	2,625	271
ID	3,411	50,637	1,071	1,342	1,171	8,690	31,432	1,433	2,024	2,203	257	1,014
MT [1]	4,685	23,719	2,386	6,355	96	6,300	2,897	850	3,930	817	35	53
NV	4,730	8,694	1,517	594	1,015	706	2,178	646	1,927	78	1	32
NM	(NA)	6,169	326	662	759	553	2,391	773	325	117	158	105
OR [2]	3,922	25,540	609	3,915	863	6,790	4,326	1,782	4,131	2,347	196	581
UT	2,231	23,587	2,426	5,584	774	4,640	2,649	4,135	1,066	1,975	107	231
WY	1,768	43,958	2,675	3,751	1,522	7,066	20,315	1,107	1,426	5,045	506	545

NA Not available. [1] Includes North Dakota and South Dakota [2] Includes Washington

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

NO. 376. STATE PARK AND RECREATION AREAS—STATES: 1983

[For year ending **June 30**. Data are shown as reported by State park directors. In some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is only responsible for State parks]

REGION, DIVISION, AND STATE	Acreage (1,000)	VISITORS (1,000)			Expenditures [1] (mil. dol.)
		Total	Day	Overnight	
U.S	**9,936**	**644,843**	**[2] 589,524**	**[2] 51,726**	**[3] 838**
Regions:					
Northeast	1,578	127,476	120,421	7,057	188
Midwest	1,522	181,449	164,705	16,740	161
South	1,595	157,739	143,054	14,688	(NA)
West	5,241	178,179	(NA)	(NA)	235
N. Eng	**753**	**36,055**	**33,446**	**2,610**	**56**
ME	66	2,615	2,343	272	3
NH	71	4,210	3,998	211	8
VT	177	919	574	346	3
MA	261	11,462	10,606	856	31
RI	11	7,700	7,200	500	[4] 1
CT	167	9,149	8,725	425	10
Mid. Atl	**825**	**91,421**	**86,975**	**4,447**	**132**
NY	256	49,400	47,000	2,400	89
NJ	290	8,950	8,454	496	14
PA	279	33,071	31,521	1,551	[4] 29
E. No. Cent	**808**	**132,747**	**121,007**	**11,736**	**108**
OH	112	62,125	59,389	2,735	34
IN	54	8,603	6,969	1,633	[4] 7
IL	273	30,544	29,978	566	36
MI	248	20,677	15,342	5,334	20
WI	121	10,798	9,329	1,468	11
W. No. Cent	**714**	**48,702**	**43,698**	**5,004**	**53**
MN	182	6,070	5,424	646	12
IA	161	14,829	14,486	343	[4] 5
MO	98	9,709	8,705	1,004	16
ND	15	931	812	118	3
SD	90	4,897	4,604	294	5
NE	137	7,870	6,994	876	6
KS	31	4,396	2,673	1,723	6
So. Atl	**941**	**61,521**	**55,801**	**5,723**	**(NA)**
DE	10	2,890	2,430	460	4
MD	217	5,582	4,974	609	13
VA	50	3,256	2,746	510	7
WV	150	8,228	7,376	852	15
NC	120	5,211	4,954	257	7
SC	81	11,335	10,340	996	10
GA	60	10,199	9,427	773	17
FL	253	14,820	13,554	1,266	(NA)
E. So. Cent	**279**	**52,548**	**48,940**	**3,608**	**97**
KY	43	22,890	21,709	1,182	44
TN	167	20,033	18,766	1,268	29
AL	48	5,172	4,459	712	[4] 12
MS	21	4,453	4,006	446	12
W. So. Cent	**375**	**43,670**	**38,313**	**5,357**	**84**
AR	44	6,604	5,906	699	13
LA	37	1,163	895	267	19
OK	100	17,831	15,972	1,859	20
TX	194	18,072	15,540	2,532	32
Mt	**766**	**29,552**	**25,980**	**3,572**	**44**
MT	49	3,608	3,152	456	4
ID	42	1,923	1,738	185	3
WY	123	628	211	417	4
CO	160	6,410	6,029	381	8
NM	109	4,960	3,720	1,240	6
AZ	34	2,089	1,852	237	6
UT	96	5,714	5,261	453	9
NV	153	4,220	4,017	203	4
Pac	**4,475**	**148,527**	**(NA)**	**(NA)**	**191**
WA	220	39,594	37,957	1,637	21
OR	88	32,249	30,565	1,684	14
CA	1,116	61,259	55,022	6,237	141
AK	3,030	3,600	(NA)	(NA)	6
HI	21	11,925	11,820	105	9

NA Not available. [1] Covers operating expenditures and fixed capital outlay expenditures. [2] Excludes Alaska. [3] Excludes Florida. [4] Excludes capital outlay expenditures.

Source: National Association of State Park Directors, Indianapolis, IN, *Annual Information Exchange*.

No. 377. Personal Consumption Expenditures for Recreation: 1970 to 1983

[In millions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 878–893, for figures issued prior to 1981 revisions]

TYPE OF PRODUCT OR SERVICE	1970	1975	1978	1979	1980	1981	1982	1983
Total recreation expenditures	**41,322**	**65,554**	**89,498**	**98,650**	**107,119**	**120,641**	**127,829**	**141,275**
Percent of total personal consumption [1]	6.6	6.7	6.6	6.6	6.4	6.5	6.4	6.6
Books and maps	2,903	3,775	5,435	6,107	6,562	7,316	7,749	8,376
Magazines, newspapers, sheet music	4,005	5,640	7,213	7,882	8,581	9,108	9,447	9,630
Nondurable toys and sport supplies	5,474	8,523	11,299	12,765	13,795	15,188	15,987	18,134
Wheel goods, durable toys, sports equipment [2]	5,146	9,734	13,570	15,135	15,333	16,686	16,830	18,739
Radio and TV receivers, records, musical instruments	*8,436*	*13,970*	*18,593*	*20,860*	*22,221*	*24,359*	*24,675*	*26,867*
Radio and television repair	1,279	2,246	2,823	2,975	3,343	3,422	3,478	3,679
Flowers, seeds, and potted plants	1,775	2,965	4,128	4,452	4,871	5,406	5,569	6,257
Admissions to specified spectator amusements	3,210	3,591	5,802	6,284	6,438	6,864	7,540	8,252
Motion picture theaters	1,536	1,480	2,811	2,946	2,750	2,966	3,453	3,766
Legitimate theaters and opera, and entertainments of nonprofit institutions [3]	601	667	1,064	1,223	1,431	1,642	1,716	1,908
Spectator sports	1,173	1,444	1,927	2,115	2,257	2,256	2,371	2,578
Clubs and fraternal organizations [4]	1,216	1,654	1,921	2,072	2,278	2,523	2,753	2,955
Commercial participant amusements [5]	2,189	3,615	5,079	5,384	6,076	6,389	9,476	10,847
Parimutuel net receipts	1,096	1,568	1,722	1,762	1,859	1,965	1,951	1,974
Other [6]	4,593	8,273	11,973	13,172	15,762	19,415	22,374	25,565

[1] See table 724. [2] Includes boats and pleasure aircraft. [3] Except athletic. [4] Consists of dues and fees excluding insurance premiums. [5] Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations and other commercial participant amusements. [6] Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–1976;* and *Survey of Current Business*, July issues.

No. 378. Quantity of Books Sold and Value of U.S. Domestic Consumer Expenditures, by Type of Publication and Market Area: 1974 to 1982

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multivolume sets, such as encyclopedias, are counted as one unit]

TYPE OF PUBLICATION AND MARKET AREA	1974	1975	1976	1977	1978	1979	1980	1981	1982
UNITS SOLD (mil.)									
Total [1]	**1,411**	**1,405**	**1,435**	**1,529**	**1,609**	**1,644**	**1,693**	**1,741**	**1,736**
Hardbound, total	467	459	460	484	512	534	562	601	566
Softbound, total	*944*	*946*	*975*	*1,045*	*1,097*	*1,110*	*1,131*	*1,139*	*1,169*
Trade	272	248	260	287	323	327	389	396	409
Adult	187	166	176	194	217	226	268	271	243
Juvenile	85	81	84	93	106	101	121	125	162
Religious	62	81	94	106	112	108	99	96	98
Professional	46	44	47	51	50	53	52	52	55
Bookclubs	196	188	207	212	231	221	211	210	180
Elhi text	270	257	242	247	252	261	251	253	247
College text	83	84	84	84	89	92	96	98	98
Mail order publications	30	33	40	40	43	46	51	60	55
Mass market paperbacks	443	461	452	494	500	527	534	564	583
General retailers	533	524	561	618	664	682	736	785	814
College stores	183	177	187	197	201	189	197	201	204
Libraries and institutions	59	61	63	66	70	72	73	66	63
Schools	304	307	289	301	305	319	308	293	282
Direct to consumers	262	260	289	300	317	320	315	326	293
Other	70	82	52	47	52	61	63	70	79
CONSUMER EXPENDITURES (mil. dol.)									
Total [1]	**3,954**	**4,518**	**5,057**	**5,762**	**6,612**	**7,309**	**8,219**	**9,152**	**9,707**
Hardbound, total	2,712	3,011	3,336	3,707	4,247	4,715	5,223	5,833	5,962
Softbound, total	1,242	1,507	1,721	2,055	2,365	2,594	2,996	3,319	3,746
Trade	*897*	*982*	*1,071*	*1,265*	*1,506*	*1,629*	*1,984*	*2,229*	*2,278*
Adult	711	776	859	1,033	1,239	1,345	1,640	1,865	1,874
Juvenile	186	206	212	232	267	284	344	364	404
Religious	206	291	350	401	432	480	516	568	633
Professional	441	493	565	645	775	868	994	1,099	1,224
Bookclubs	287	312	360	396	455	493	524	555	565
Elhi text	605	663	662	739	817	913	936	996	1,075
College text	482	607	665	720	828	926	1,075	1,210	1,339
Mail order publications	253	297	378	405	452	499	578	675	617
Mass market paperbacks	477	588	691	860	965	1,073	1,208	1,398	1,550
General retailers	1,150	1,369	1,594	1,889	2,221	2,542	2,028	3,498	3,754
College stores	685	812	911	1,047	1,199	1,231	1,437	1,625	1,792
Libraries and institutions	323	386	434	486	556	605	660	683	751
Schools	771	838	846	954	1,053	1,177	1,222	1,268	1,330
Direct to consumers	960	1,017	1,203	1,305	1,488	1,659	1,769	1,950	1,939
Other	65	93	71	81	95	94	108	128	141

[1] Includes university press publications and subscription reference works not shown separately by type.

Source: Book Industry Study Group, Inc., New York, NY, *Book Industry Trends*, 1984. (Copyright.)

No. 379. New Books and New Editions Published, by Subject, 1970 to 1983, and Imports, 1979 to 1983

[Prior to 1979, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1979, covers listings in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarterlies; and pamphlets under 49 pages. Data for imports in 1982 are not available. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216]

SUBJECT	NEW BOOKS AND NEW EDITIONS							IMPORTS			
	1970	1975	1979	1980	1981	1982	1983	1979	1980	1981	1983
Total	**36,071**	**39,372**	**45,182**	**42,377**	[1] **48,793**	**46,935**	**53,380**	**5,458**	**5,390**	**3,830**	**5,918**
Agriculture	265	456	538	461	474	439	572	117	104	65	87
Art	1,169	1,561	2,021	1,691	1,693	1,722	1,898	230	157	124	137
Biography	1,536	1,968	2,042	1,891	1,860	1,752	2,135	173	126	79	150
Business	797	820	1,362	1,185	1,342	1,327	1,636	79	74	46	132
Education	1,178	1,038	1,121	1,011	1,172	1,046	1,059	169	133	93	140
Fiction	3,137	3,805	3,264	2,835	5,655	5,419	5,470	71	71	56	127
General reference	846	1,113	1,471	1,643	1,743	2,398	2,767	150	132	104	241
History	1,995	1,823	2,160	2,220	2,321	2,177	2,296	299	296	186	291
Home economics	321	728	897	879	1,108	1,099	1,325	51	40	9	43
Juvenile	2,640	2,292	3,052	2,859	3,102	3,049	3,197	43	58	32	72
Language	472	438	560	529	761	576	669	137	134	75	160
Law	604	915	1,218	1,102	1,448	1,451	1,756	91	112	82	141
Literature	3,085	1,904	1,749	1,686	1,777	1,742	1,957	194	183	124	200
Medicine	1,476	2,282	3,257	3,292	3,788	3,229	4,002	540	671	455	474
Music	404	305	389	357	398	346	417	34	35	28	60
Philosophy, psychology	1,280	1,374	1,377	1,429	1,465	1,465	1,578	152	218	148	163
Poetry, drama	1,474	1,501	1,361	1,179	1,183	1,049	1,234	139	120	97	166
Religion	1,766	1,773	2,325	2,055	2,278	2,075	2,433	136	94	73	119
Science	2,358	2,942	3,156	3,109	3,375	3,124	3,620	890	1,069	752	1,042
Sociology, economics	5,912	6,590	7,715	7,152	7,801	7,449	8,470	1,236	1,050	835	1,294
Sports, recreation	799	1,225	1,122	971	1,264	1,191	1,336	125	85	52	136
Technology	1,141	1,720	2,391	2,337	2,313	2,328	2,994	328	373	283	481
Travel	1,394	794	634	504	472	482	562	74	55	32	60

[1] Increase is due largely to a major improvement in the recording of paperbound books.

Source: R. R. Bowker Co., New York, NY, *Publishers Weekly*. (Copyright by Xerox Corporation.)

No. 380. Books and Periodicals—Average Retail Prices: 1975 to 1984

[See headnote, table 379]

SUBJECT	HARDCOVER BOOKS (per vol.)				SUBJECT	PERIODICALS [5]			
	1975	1980	1982	1983		1975	1980	1983	1984
Total [1]	**$16.19**	**$24.64**	**$30.34**	**$31.19**	**Total**	**$19.94**	**$34.54**	**$50.23**	**$54.97**
Agriculture	13.72	27.55	33.54	33.39	Agriculture	9.70	15.24	21.27	24.06
Art	17.90	27.70	31.68	33.79	Business and economics	15.26	25.42	35.67	38.87
Biography	14.09	19.77	22.27	22.40	Chemistry and physics	76.84	137.45	207.94	228.90
Business	16.54	22.45	25.58	27.72	Children's periodicals	4.69	7.85	11.49	12.21
Economics [2]	21.65	31.76	45.12	43.34	Education	14.72	23.45	31.36	34.01
Education	10.81	17.01	20.74	21.56	Engineering	26.84	49.15	73.18	78.70
Fiction	8.31	12.46	13.91	14.29	Fine and applied arts	11.09	18.67	25.17	26.90
General reference	21.60	29.84	37.29	37.45	History	11.14	15.77	22.43	23.68
History	15.85	22.78	26.25	24.96	Home economics [3]	14.24	24.63	35.68	37.15
Home economics	10.27	13.31	16.42	16.62	Industrial arts	10.59	20.70	28.83	30.40
Juveniles	5.62	8.16	8.77	9.73	Journalism, communications	14.70	27.34	37.39	39.25
Language	15.80	22.16	22.85	23.80	Labor and industrial relations	7.40	18.84	29.22	29.87
Law	23.22	33.25	35.61	39.09	Law	15.00	23.00	29.66	31.31
Literature	14.89	18.70	21.40	23.63					
Medicine	22.15	34.28	36.88	39.84	Library and information science	14.18	23.25	36.72	38.85
Music	14.83	21.79	26.42	25.77	Literature and languages	10.41	15.30	21.19	23.02
Philosophy, psychology	12.75	21.70	23.28	25.72	Mathematics, botany, geology, and general science	35.95	67.54	97.26	106.56
Poetry and drama	10.76	17.85	19.96	22.42	Medicine	42.38	73.37	112.82	125.57
Religion	11.16	17.61	17.89	16.74	Philosophy and religion	9.05	14.73	20.21	21.94
Science	22.81	37.45	44.44	47.04	Physical education and recreation	7.80	13.83	19.07	20.54
Sports [3]	10.97	15.92	20.20	20.05	Political science	12.79	19.30	28.97	32.43
Technology	19.66	33.64	44.65	41.14	Psychology	27.51	41.95	59.31	69.74
Travel	15.43	16.80	22.20	21.65	Sociology and anthropology	14.85	27.56	40.54	43.87
Paperbacks:					Zoology	27.37	44.58	70.74	78.35
Mass market [4]	1.46	(NA)	2.93	3.13	General interest periodicals	14.36	19.87	26.43	27.90
Trade or other	5.24	8.60	12.32	11.79					

NA Not available. [1] Excludes publications of U.S. and other governmental units, books sold only by subscription, and dissertations. [2] Includes sociology. [3] Includes recreation. [4] "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. [5] Average annual subscription prices.

Source: R. R. Bowker Co., New York, NY, books, *Publishers Weekly*, Aug. 31, 1984; *The Bowker Annual of Library and Book Trade Information;* periodicals, *Library Journal*, Aug. 1984 and earlier issues. (Copyright by Xerox Corporation.)

No. 381. Phonograph Records and Magnetic Tapes—Summary: 1975 to 1983

[Domestic shipments based on reports of manufacturers representing more than 85 percent of the market. Domestic value data based on list prices of records and tapes]

Type of record or tape	Number (mil.)						Value (mil. dol.)					
	1975	1979	1980	1981	1982	1983	1975	1979	1980	1981	1982	1983
Domestic shipments, total	**533**	**701**	**684**	**635**	**576**	**578**	**2,391**	**3,685**	**3,863**	**3,970**	**3,592**	**3,614**
Phonograph records	421	514	487	450	379	334	1,696	2,411	2,560	2,598	2,177	1,959
Long-playing albums	257	318	323	295	242	209	1,485	2,136	2,291	2,342	1,894	1,690
Singles	164	196	164	155	137	125	212	275	270	256	283	269
Pre-recorded	[1] 112	188	197	186	197	244	[1] 695	1,274	1,303	1,372	1,415	1,857
8-track cartridges	95	105	87	49	14	6	583	669	527	309	36	28
Cassettes	16	83	110	137	183	237	99	605	777	1,063	1,379	1,812
Compact disc	–	–	–	–	–	1	–	–	–	–	–	17
Imports for consumption [2]	**16**	**188**	**214**	**249**	**298**	**310**	**61**	**188**	**221**	**276**	**308**	**401**
Phonograph records	9	19	18	23	24	18	12	32	34	49	51	39
Pre-recorded tapes	7	22	20	20	36	52	3	9	13	11	23	47
Blank tapes	–	147	176	206	238	240	46	147	174	216	234	315

– Represents zero. [1] Includes quadraphonic and reel-to-reel tapes. [2] Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports*, Report FT 246, annual. Number represents net quantity imported. For 1975–1981 value reported on f.a.s. (free alongside ship) transaction basis; beginning 1982, customs value basis.

Source: Except as noted, Recording Industry Association of America, Inc., New York, NY, press release.

No. 382. Selected Spectator Sports: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series H 865–870 and H 872]

Sport	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Baseball, major leagues: [1] [2]									
Attendance	1,000	29,191	30,373	41,402	44,262	43,746	[3] 27,285	45,415	46,269
Regular season	1,000	28,747	29,789	40,637	43,550	43,014	[3] 26,544	44,587	45,540
National League	1,000	16,662	16,600	20,107	21,178	21,124	[3] 12,478	21,507	21,549
American League	1,000	12,085	13,189	20,530	22,372	21,890	[3] 14,066	23,080	23,991
Playoffs	1,000	191	276	428	344	407	403	443	425
World Series	1,000	253	308	337	368	325	338	385	304
Basketball: [4]									
College: [5] Teams	Number	(NA)	(NA)	1,253	1,240	1,258	1,275	1,264	1,266
Attendance	1,000	(NA)	(NA)	29,104	30,025	30,692	30,935	31,106	31,471
Pro: [6] Teams	Number	14	18	22	22	22	23	23	23
Attendance, total [1] [7]	1,000	4,912	7,591	10,687	10,697	10,697	10,235	10,732	10,262
Regular season	1,000	4,341	6,882	9,874	9,761	9,938	9,449	9,989	9,638
Average per game	Number	7,563	9,339	10,947	10,822	11,017	10,021	10,593	10,220
Playoffs	1,000	556	685	798	904	740	765	727	606
Football:									
College: [5] Teams	Number	617	634	643	643	642	648	649	651
Attendance	1,000	29,466	31,688	34,252	35,020	35,541	35,807	36,539	36,302
National Football League: [8]									
Attendance, total	1,000	10,071	10,769	13,476	13,916	14,092	14,326	[3] 8,504	13,953
Regular season	1,000	9,533	10,213	12,771	13,182	13,392	13,607	[3] 7,367	13,277
Average per game	Number	52,381	56,116	57,017	58,848	59,787	60,745	58,472	59,273
Postseason games [9]	1,000	538	556	704	734	700	719	[3] 1,137	676
U.S. Football League, attendance [10]	1,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2,681
North American Soccer League: [11]									
Teams	Number	6	20	24	24	24	21	14	12
Attendance	1,000	(NA)	1,825	5,351	5,800	6,194	5,429	3,251	2,675
National Hockey League: [4] [12]									
Regular season attendance	1,000	5,992	9,522	8,526	8,333	[13] 10,534	10,726	10,710	11,021
Playoffs attendance	1,000	462	784	686	694	[13] 977	966	1,058	1,008
World Hockey Association: [4] [14]									
Regular season attendance	1,000	(X)	4,096	2,890	2,193	([13])	([13])	([13])	([13])
Playoffs attendance	1,000	(X)	336	231	186	([13])	([13])	([13])	([13])
Horseracing: [15] [16]									
Racing days	Number	9,962	13,110	13,147	13,160	13,133	13,464	13,523	13,545
Attendance	1,000	69,704	78,662	75,324	72,783	74,690	75,463	76,858	75,693
Parimutuel turnover	Mil. dol	5,977	7,862	10,029	10,728	11,218	11,677	11,888	11,733
Revenue to government	Mil. dol	486	582	673	681	713	680	653	641
Greyhound: [15]									
Racing days	Number	3,023	3,960	5,501	6,110	5,855	6,379	6,499	6,257
Attendance	1,000	12,660	17,458	20,272	21,127	20,874	21,424	21,375	22,140
Parimutuel turnover	Mil. dol	730	1,261	1,746	1,985	2,064	2,173	2,179	2,306
Revenue to government	Mil. dol	53	91	128	145	152	152	160	170

NA Not available. X Not applicable. [1] Excludes Alaska and Hawaii. [2] Source: The National League of Professional Baseball Clubs, New York, NY, *National League Green Book*; and The American League of Professional Baseball Clubs, New York, NY, *American League Red Book*. [3] Season was interrupted by strike. [4] Season ending in year shown. [5] Source: National Collegiate Athletic Assn., Mission, KS. [6] Source: National Basketball Assn., New York, NY. Includes playoffs. [7] Includes All-Star game. [8] Source: National Football League, New York, NY. [9] Includes Pro Bowl, a non-championship game and Super Bowl. [10] Source: U.S. Football League, New York, NY. [11] Source: North American Soccer League, New York, NY.

[12] Source: National Hockey League, Montreal, Quebec. [13] World Hockey Association ceased operation after 1978–1979 season. Four former WHA teams joined NHL in 1979–1980 season. [14] Source: The World Hockey Assn., Hartford, CT.

[15] Source: National Assn. of State Racing Commissioners, Lexington, KY. [16] Includes thoroughbred, harness, quarter horse, and fairs.

Source: Compiled from sources listed in footnotes.

No. 383. Selected Recreational Activities: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

Activity	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Softball, amateur: [1]									
Total participants [2]	Million	16	26	29	30	30	30	30	30
Youth participants	1,000	255	450	570	600	650	685	690	690
Adult teams [3]	1,000	29	66	92	102	110	117	133	146
Youth teams [3]	1,000	2	9	14	15	18	20	22	27
Golfers (15 rounds or more) [4]	1,000	9,700	12,036	12,655	12,870	13,000	13,650	14,100	14,300
Golf courses [5]	Number	10,188	12,306	12,684	12,788	12,849	12,894	13,013	13,084
9-hole	Number	5,343	6,024	5,985	6,001	5,993	5,950	5,954	5,959
18-hole and larger	Number	4,845	6,282	6,699	6,787	6,856	6,944	7,059	7,125
Classification:									
Private	Number	4,619	5,085	5,168	5,146	5,151	5,103	5,123	5,137
Daily fee	Number	4,248	5,473	5,622	5,702	5,741	5,802	5,871	5,915
Municipal	Number	1,321	1,748	1,894	1,940	1,957	1,989	2,019	2,032
Tennis: [6]									
Players	1,000	10,655	[7] [8] 29,201	[7] 31,217	[7] 32,271	(NA)	(NA)	[7] 25,450	(NA)
Indoor	1,000	(NA)	[7] [8] 4,072	(NA)	5,760	(NA)	(NA)	[7] 4,015	(NA)
Courts	1,000	(NA)	130	(NA)	160	(NA)	180	185	200
Indoor	1,000	(NA)	8	(NA)	12	(NA)	11	11	13
Tenpin bowling: [9]									
Participants, total [10]	Million	51.8	62.5	63.7	(NA)	72.0	(NA)	68.9	(NA)
Male	Million	24.8	29.9	32.7	(NA)	34.0	(NA)	32.2	(NA)
Female	Million	27.0	32.6	31.0	(NA)	38.0	(NA)	36.7	(NA)
Establishments	Number	9,140	8,577	8,698	8,699	8,591	8,528	8,481	8,404
Lanes	1,000	141	141	152	154	154	154	154	154
Membership, total [11]	1,000	7,733	8,751	9,717	9,649	9,595	9,621	9,550	9,269
American Bowling Congress	1,000	4,210	4,300	4,686	4,662	4,688	4,645	4,685	4,556
Women's Bowling Congress	1,000	2,988	3,692	4,177	4,163	4,118	4,049	4,065	3,947
Young American Bowling Alliance [12]	1,000	535	759	854	824	789	927	800	765
Motion picture theaters [13] [14]	1,000	14	15	16	17	18	18	18	19
Four-wall	1,000	10	11	13	13	14	15	15	16
Drive-in	1,000	4	4	3	4	4	3	3	3
Receipts, box office	Mil. dol	1,225	2,115	2,643	2,821	2,749	2,966	3,453	3,766
Admission, average price	Dollars	1.55	2.05	2.34	2.52	2.69	2.78	2.94	3.15
Attendance	Million	921	1,033	1,128	1,121	1,022	1,067	1,175	1,197
Bicycles: [15]									
Domestic shipments	Million	5.0	5.6	7.5	9.0	7.0	6.8	5.2	6.3
Imports	Million	1.9	1.7	1.9	1.8	2.0	2.1	1.6	2.6
Boating: [16]									
Recreational boats owned	Million	8.8	9.7	11.3	11.6	11.8	12.5	12.9	13.2
Outboard boats	Million	5.2	5.7	6.6	6.7	6.8	7.0	7.1	7.3
Inboard boats	Million	.6	.8	1.1	1.3	1.2	1.2	1.3	1.4
Sailboats	Million	.6	.8	.9	.9	1.0	1.0	1.1	1.1
Canoes	Million	2.4	2.4	2.7	1.2	1.3	1.4	1.5	1.6
Rowboats and other	Million				1.5	1.5	1.9	1.9	1.8
Expenditures, total [17]	Bil. dol	3.4	4.8	6.7	7.5	7.4	8.3	8.1	9.4
Outboard motors in use	1,000	7,215	7,649	7,880	7,958	8,241	8,527	8,776	9,051
Motors sold	1,000	430	435	450	375	315	318	293	337
Value, retail	Mil. dol	281	411	634	597	554	698	759	964
Outboard boats sold	1,000	276	328	331	322	290	281	236	273
Value, retail	Mil. dol	177	263	430	469	408	431	409	502
Inboard/outdrive boats sold	1,000	43	70	90	89	56	51	55	79
Value, retail	Mil. dol	182	420	819	827	616	653	686	975
Snowmobiles: [18]									
Factory sales	1,000	172	144	155	115	105	95	80	85
Apparent consumption [19]	1,000	405	145	183	167	129	112	108	112

NA Not available. [1] Source: Amateur Softball Association, Oklahoma City, OK. [2] Amateur Softball Association teams and other amateur softball teams. [3] Amateur Softball Association teams only. [4] Source: National Golf Foundation, North Palm Beach, FL. [5] Prior to 1975, figures represent facilities. [6] Source: U.S. Tennis Association, Princeton, NJ. [7] Survey by A. C. Nielsen Co. [8] 1976 data. [9] Source: American Bowling Congress, Greendale, WI Season ending in year shown. [10] Persons 5 years old and over. Source: National Bowling Council, Washington, DC. [11] Beginning 1978, covers members in U.S. only. [12] Prior to 1982, represents American Jr. Bowling Congress and ABC/WIBC Collegiate Division. [13] Source: Motion Picture Association of America, Inc., New York, NY. [14] Prior to 1975, figures represent theaters; thereafter, screens. [15] Source: Bicycle Manufacturers Association of America, Inc., Washington, DC. [16] Source: National Marine Manufacturers Association, Chicago, IL. [17] Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses. [18] Source: U.S. International Trade Commission. Estimated. [19] Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

No. 384. Participation in Outdoor Recreation Activities, by Selected Characteristics: 1983

[Represents percent of respondents who said they participated once or more during 12 months prior to interview. Covers persons 12 years old and over and period from September 1982 to June 1983. Based on a sample survey of 5,757 conducted by the Bureau of the Census]

Activity	All persons	Sex		Race		Age				Education			Family income (dol.)				
		Male	Female	White	Black	12–24 yr.	25–39 yr.	40–59 yr.	60 yr. and over	Did not finish high school	High school but not 4 yr. college	4 yr. college	Under 5,000	5,000–14,999	15,000–24,999	25,000–49,999	50,000 and over
Walking for pleasure	53	45	61	54	49	57	58	53	42	35	56	67	45	46	54	61	62
Swimming	53	56	51	56	32	79	65	41	16	19	52	66	34	39	57	68	72
Visiting zoos, fairs, amusement parks	50	50	51	51	40	65	62	41	26	26	51	61	32	40	55	62	62
Picnics	48	45	51	49	42	52	59	46	29	29	51	61	36	41	53	56	58
Driving for pleasure	48	47	49	50	35	48	59	46	35	31	54	59	29	43	53	55	60
Sightseeing	46	45	46	47	36	46	54	47	31	27	50	63	27	38	48	57	67
Attending sports events	40	44	36	41	33	55	44	36	16	15	39	51	24	30	43	51	61
Fishing	34	47	23	35	27	43	40	31	17	26	35	30	24	30	38	38	35
Bicycling	32	33	32	33	29	55	37	22	7	11	28	37	23	24	35	41	42
Boating	28	32	24	31	6	38	35	25	9	11	28	41	16	20	27	39	43
Canoeing or kayaking	8	10	7	9	1	14	9	6	1	1	7	13	6	5	8	12	10
Sailing	6	7	5	7	1	9	7	5	2	1	4	14	4	3	5	9	14
Motorboating	19	22	16	21	3	25	23	17	7	8	19	25	10	13	18	27	32
Running or jogging	26	30	23	26	30	51	31	13	2	6	20	34	21	20	27	33	37
Attending concerts, plays, etc	25	25	26	26	21	34	29	22	12	10	24	40	17	21	24	32	38
Camping	24	28	22	27	6	36	30	19	6	10	25	27	15	19	29	31	25
Backpacking	5	6	3	5	1	9	5	2	(z)	(z)	4	7	3	3	5	7	5
Outdoor team sports	24	30	18	24	27	50	26	11	2	7	19	23	22	20	25	29	28
Tennis	17	18	16	17	13	32	20	10	1	2	13	31	12	11	18	22	37
Day hiking	14	15	13	15	3	19	17	12	5	3	13	25	10	10	13	18	25
Golfing	13	20	7	14	3	16	13	13	7	4	12	24	6	6	13	20	27
Birdwatching, nature study	12	11	12	13	5	10	12	12	13	6	13	17	9	10	12	14	19
Hunting	12	22	3	12	7	15	13	13	5	10	13	7	8	12	14	14	8
Off-road vehicle driving [1]	11	14	8	12	3	20	11	6	2	3	10	10	9	8	10	15	13
Sledding	10	12	9	12	2	22	11	5	(z)	1	7	11	9	6	12	13	15
Waterskiing	9	11	7	11	(z)	17	12	4	(z)	2	8	12	5	6	10	13	14
Snow skiing	9	10	7	10	1	15	11	5	1	1	6	18	5	5	7	13	21
Horseback riding	9	8	10	10	4	18	10	5	1	2	8	9	7	6	9	11	15
Ice skating	6	6	6	7	1	15	6	3	(z)	1	4	8	5	3	7	10	11
Other activities	4	4	3	4	1	3	4	4	3	2	4	5	4	3	4	4	9
No participation	11	8	14	10	18	3	5	13	30	29	9	5	28	18	6	4	3

Z Less than .5 percent [1] Includes motorcycles; excludes snowmobiles.

Source: National Park Service, press release.

No. 385. Video Games—Summary for Coin-Operated and Household Units: 1977 to 1982

ITEM	Unit	1977	1978	1979	1980	1981	1982
Coin-operated video games in operation	1,000	(NA)	(NA)	(NA)	580.0	1,005.0	1,220.0
In arcades	1,000	(NA)	(NA)	(NA)	170.0	270.0	370.0
Other primary locations [1]	1,000	(NA)	(NA)	(NA)	40.0	60.0	80.0
Street locations [2]	1,000	(NA)	(NA)	(NA)	370.0	675.0	770.0
Households with video game consoles [3]	Millions	.7	1.4	2.4	3.6	7.5	14.1
Percent of total households with television	Percent	.9	1.8	2.9	4.5	9.2	17.0
Industry shipments of [4] —							
Consumer video game consoles	Millions	.5	.7	.9	2.0	5.5	9.5
Video game cartridges	Millions	1.1	2.7	4.1	9.6	35.0	83.8
Computer game software units	Millions	(NA)	(NA)	(NA)	(NA)	1.5	7.2
Coin-operated video games	1,000	50.0	70.0	106.7	232.0	486.3	480.0
Industry revenues for [4] —							
Consumer video game consoles	Mil. dol	63.0	109.5	152.0	237.0	710.0	1,175.0
Video game cartridges	Mil. dol	14.0	36.3	53.9	141.4	547.0	1,360.0
Computer game software units	Mil. dol	(NA)	(NA)	(NA)	(NA)	25.0	115.0
Coin-operated video games	Mil. dol	75.0	110.2	177.1	432.2	978.8	1,018.5

NA Not available. [1] Includes restaurants, casino hotels and other game rooms. [2] Includes airports, rail and bus depots, hotels, gas stations, etc. [3] Includes home computers with game-playing capability. [4] Includes shipments to and revenues from non-U.S. sources.

Source: Amusement and Music Operators Association, Oak Brook, IL., unpublished data.

No. 386. Home Gardening—Summary: 1975 to 1983

[Based on national sample survey conducted by the Gallup Organization. Prior to 1982, survey respondents were questioned only about their own gardening activities. Beginning in 1982, respondents were questioned about activities of all household members. For the 1983 survey, a total of 3,132 adults were interviewed. Subject to sampling variability; see source]

ITEM	1975	1980	1982	1983	CHARACTERISTIC OF RESPONDENT	1983, PERCENT WITH—		
						Vegetable garden	Flower garden	Lawn care
Households with vegetable gardens (mil.)	35	34	38	35	18–29 years old	36	40	63
Percent of total	49	43	46	42	30–49 years old	42	49	65
					50 years and over	46	50	61
Median size of garden (sq. ft.)	540	663	600	505	Northeast	36	44	58
Median yield per garden (dol.)	258	460	470	405	Midwest	52	57	74
Median cost per garden (dol.)	16	19	20	30	South	36	37	57
Percent of households—					West	39	50	63
With flower gardens	39	37	50	47	Central city	31	38	50
Engaged in lawn care	56	52	63	63	Suburb	39	50	69
Growing fruits or berries	12	21	35	32	Small town	38	47	65
With indoor houseplants	40	40	48	43	Rural	60	53	71

Source: Gardens for All, The National Association for Gardening, Burlington, VT, *National Gardening Survey*, annual. (Copyright.)

No. 387. Sport Fishing and Hunting Licenses—Number and Cost: 1970 to 1982

[For years ending June 30 except, beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series H 675–676]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982
Fishing licenses: Sales	Million	31.1	34.7	34.9	34.0	32.8	35.4	35.2	37.9	37.2
Resident	Million	26.8	30.0	29.8	29.0	27.9	30.3	30.1	32.6	32.1
Nonresident	Million	4.3	4.7	5.1	5.0	4.9	5.1	5.1	5.3	5.1
Paid license holders [1]	Million	24.4	27.5	27.8	27.3	26.2	27.9	28.0	29.3	29.6
Cost to anglers	Mil. dol	91	142	155	156	159	174	196	213	227
Hunting licenses: Sales	Million	22.2	25.9	25.2	25.4	25.8	26.4	27.0	27.9	28.3
Resident	Million	21.0	24.7	24.0	24.1	24.4	25.0	25.6	26.4	26.7
Nonresident	Million	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.6
Paid license holders [1]	Million	15.4	16.6	16.3	16.2	16.3	16.6	16.3	16.6	16.7
Cost to hunters	Mil. dol	102	155	164	173	185	199	222	242	259
Federal duck stamps sold	1,000	2,072	2,222	2,219	2,197	2,209	2,216	2,090	2,045	1,907

[1] Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home state license.

Source: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

No. 388. Sport Fishermen and Hunters—Number and Expenditures: 1960 to 1980

[**Persons 12 years old and over.** Based on sample surveys; for more information on methodology, see source]

Activity	Number (1,000)					Expenditures (mil. dol.)				
	1960	1965	1970	1975	1980	1960	1965	1970	1975	1980
Total population	**131,226**	**141,928**	**155,230**	**171,860**	**184,691**	(x)	(x)	(x)	(x)	(x)
Sportsmen [1]	30,435	32,881	36,277	45,773	46,966	3,852	4,046	7,102	16,768	[2] 27,214
Fishermen [1]	25,323	26,348	33,158	41,299	41,873	2,691	2,925	4,959	11,798	18,052
Freshwater	21,677	23,962	29,363	36,599	37,081	2,065	2,126	3,734	8,702	14,441
Saltwater	6,292	8,305	9,460	13,738	13,332	626	800	1,225	3,095	3,611
Hunters [1]	14,637	13,583	14,336	17,094	16,758	1,161	1,121	2,143	4,971	8,938
Small game	12,105	10,576	11,671	14,182	14,643	726	615	946	2,272	2,930
Big game	6,277	6,566	7,774	11,037	12,632	346	419	953	2,126	5,246
Waterfowl	1,955	1,650	2,894	4,284	3,190	89	87	244	570	761

X Not applicable. [1] See footnote 1, table 389. [2] Includes multipurpose licenses issued in 1980.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, *1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation*, 1982.

No. 389. Participation in Wildlife-Associated Recreation Activities—Selected Characteristics: 1980

[Primary nonresidential activities include trips or outings of at least 1 mile from home for the primary purpose of observing, photographing, or feeding wildlife; trips to zoos, circuses, aquariums and museums. Primary residential activities occur around the home and include observing, photographing, feeding, maintaining natural areas and plantings, and visiting public parks within 1 mile of home. Based on a sample survey; for more information on methodology, see source. For composition of divisions, see fig. I, inside front cover]

Characteristic	Total population (1,000)	Fished or hunted		Primary nonconsumptive activity in wildlife-associated recreation					
				Primary participants [1]		Nonresidential participants		Residential participants	
		Number (1,000)	Percent of population	Number (1,000)	Percent of population	Number (1,000)	Percent of population	Number (1,000)	Percent of population
6 YEARS OLD AND OVER									
Total persons	**205,255**	**58,854**	**29**	**94,615**	**46**	**34,112**	**17**	**88,631**	**43**
6-15 years	35,313	12,141	34	11,442	32	5,290	15	8,961	25
16 years and over	169,942	46,713	27	83,173	49	28,822	17	79,670	47
16-17 years	8,612	2,761	32	3,346	39	1,383	16	3,229	38
18-24 years	28,546	8,627	30	11,976	42	5,960	21	10,967	38
25-34 years	37,742	13,022	35	21,355	57	9,236	25	20,154	53
35-44 years	26,117	8,413	32	13,763	53	4,796	18	13,172	50
45-54 years	22,555	5,981	27	10,906	48	3,340	15	10,575	47
55-64 years	21,723	4,683	22	10,801	50	2,482	11	10,663	49
65 years old and over	24,648	3,226	13	11,025	45	1,625	7	10,909	44
18 YEARS OLD AND OVER									
Male	80,753	33,243	41	39,152	49	14,911	19	37,012	46
Female	89,190	13,469	15	44,021	49	13,912	16	42,657	48
White	146,999	43,161	29	77,163	53	27,347	19	73,926	50
Black	18,175	2,709	15	4,693	26	961	5	4,511	25
Other races	4,768	843	18	1,316	28	514	11	1,233	26
Census divisions:									
New England	9,362	1,900	20	5,047	54	1,657	18	4,952	53
Middle Atlantic	27,867	5,044	18	12,348	44	4,111	15	11,872	43
East North Central	30,791	8,713	28	18,539	60	6,099	20	17,936	58
West North Central	12,774	4,718	37	7,357	58	3,000	24	6,783	53
South Atlantic	28,066	7,902	28	11,562	41	3,739	13	11,270	40
East South Central	10,792	3,651	34	4,294	40	1,173	11	4,117	38
West South Central	17,550	5,800	33	7,105	41	1,842	11	6,837	39
Mountain	8,415	2,808	33	4,574	54	2,125	25	4,133	49
Pacific	24,326	6,177	25	12,347	51	5,076	21	11,770	48
Household income:									
Under $5,000	12,997	2,177	17	4,836	37	1,495	12	4,644	36
$5,000-$9,999	22,876	4,883	21	9,408	41	2,327	10	9,067	40
$10,000-$14,999	21,210	6,133	29	10,278	49	3,802	18	9,688	46
$15,000-$19,999	19,310	6,116	32	9,797	51	3,447	18	9,497	49
$20,000-$24,999	21,966	7,754	35	13,180	60	4,999	23	12,412	57
$25,000-$29,999	16,379	5,848	36	8,968	55	3,572	22	8,641	53
$30,000-$49,999	19,428	6,574	34	11,517	59	4,312	22	11,069	57
$50,000 and over	5,854	1,691	29	3,174	54	1,171	20	3,014	52
Not reported	29,923	5,536	19	12,015	40	3,697	12	11,637	39

[1] Individuals may participate in more than one form of wildlife-related activity; therefore the sum of the component parts will be greater than the number of participants.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, *1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation*, 1982.

No. 390. Boy Scouts and Girl Scouts—Membership and Units: 1960 to 1983

[**In thousands.** Boy Scouts as of **Dec. 31**; Girl Scouts as of **Sept. 30.** Includes Puerto Rico and outlying areas]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
BOY SCOUTS OF AMERICA											
Membership	**5,165**	**5,733**	**6,287**	**5,316**	**4,718**	**4,493**	**4,285**	**4,318**	**4,355**	**4,542**	**4,699**
Boys	3,783	4,231	4,683	3,933	3,466	3,303	3,176	3,207	3,244	3,425	3,569
Tiger cubs [1]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	84	124
Cub Scouts (8–10 yr. old)	1,865	2,084	2,436	1,997	1,843	1,788	1,716	1,696	1,643	1,609	1,569
Boy Scouts (11–17 yr. old)	1,647	1,850	1,916	1,503	1,225	1,123	1,058	1,064	1,101	1,126	1,116
Explorers (14–20 yr. old) [2]	271	317	329	434	398	392	402	447	499	606	758
Adults	1,382	1,502	1,604	1,385	1,252	1,190	1,109	1,110	1,111	1,117	1,122
Total units (packs, troops, posts)	130	145	157	150	137	134	129	129	130	132	134
GIRL SCOUTS OF THE U.S.A.											
Membership	**3,419**	**3,847**	**3,922**	**3,234**	**3,140**	**3,084**	**2,961**	**2,784**	**2,829**	**2,819**	**2,888**
Girls [3]	2,646	3,030	3,248	2,723	2,583	2,511	2,389	2,250	2,276	2,247	2,281
Brownies (6–8 yr. old)	(4)	1,072	1,259	1,160	1,199	1,245	1,206	1,115	1,110	1,120	1,169
Juniors (9–11 yr. old)	(4)	1,416	1,509	1,188	1,054	977	926	894	916	874	847
Cadettes (12–14 yr. old)	(4)	443	395	301	252	218	193	172	170	169	176
Seniors (14–17 yr. old)	(4)	99	85	74	64	57	52	46	45	41	40
Adults	773	817	674	511	557	573	572	534	553	572	607
Total units (troops)	164	153	164	159	159	159	157	154	157	160	165

X Not applicable. [1] For 7 year olds, a new classification begun in 1982. [2] Both girls and boys are members. [3] Beginning 1976, includes girls registered in other categories, not shown separately. [4] Comparable data not available.

Source: Boy Scouts of America, National Council, Irving, TX, *Annual Report;* and Girl Scouts of the United States of America, New York, NY, *Annual Report.*

No. 391. Participation Rates For Various Arts Performances by Selected Characteristics: 1982

[Represents **percent** of respondents who participated in art performance in the 12 months prior to the survey. Covers persons 18 years old and over. Based on the Leisure Activities Survey conducted by the Bureau of the Census]

CHARACTERISTIC	Jazz	Classical music	Opera	Musicals	Plays	Ballet	Museums	Reading [1]
Total	**10**	**13**	**3**	**19**	**12**	**4**	**22**	**56**
Male	11	12	3	17	11	3	21	49
Female	9	15	3	20	13	6	23	63
White	9	14	3	20	13	5	23	58
Black	15	7	1	10	6	2	12	42
Other	9	10	3	13	8	4	27	50
Age:								
18–24 years	18	11	3	17	11	4	23	60
25–34 years	15	13	4	20	12	5	27	62
35–44 years	8	16	4	23	15	6	27	60
45–54 years	7	15	5	21	13	4	22	55
55–64 years	5	13	4	19	12	4	19	53
65–74 years	2	12	7	14	10	3	15	47
75 years and over	1	7	3	9	5	2	8	41
Region: [2]								
Northeast	9	14	4	23	14	6	22	59
Midwest	10	14	4	18	12	4	21	58
South	9	11	3	16	11	4	20	53
West	12	13	3	18	12	4	24	56
Education of householder:								
Elementary school: 0–8 years	1	2	1	4	2	(Z)	3	21
High school:								
1–3 years	4	4	1	8	4	1	7	39
4 years	7	8	3	4	7	3	16	54
College:								
1–3 years	15	18	5	27	17	7	33	73
4 years	19	29	8	38	26	10	44	80
5 years or more	20	39	11	45	48	14	56	85
Household income, 1981:								
Under $10,000	8	9	1	10	7	3	12	40
$10,000–$14,999	7	8	3	9	6	2	13	46
$15,000–$19,999	8	10	3	13	8	4	17	53
$20,000–$29,999	9	11	3	17	10	4	21	56
$30,000–$49,999	9	18	5	28	18	6	31	67
$50,000 and over	13	30	11	44	34	11	48	78

Z Less than .5 percent. [1] Covers novels, short stories, poetry, and plays. [2] For composition of regions, see fig. I, inside front cover.

Source: U.S. National Endowment for the Arts, *Survey of Public Participation in the Arts,* forthcoming.

No. 392. Nonprofit Museums—Selected Characteristics, by Type of Museum: 1979

(For fiscal years of museums ending in 1979. Based on a sample of 1,373 nonprofit museums. Subject to sampling variability; see source)

ITEM	Unit	Total	History	Science	Art	General	Specialized	Park and visitor centers	Children's and junior
Museums	**Number**	**4,408**	**2,204**	**600**	**609**	**382**	**197**	**165**	**51**
Percent with general admission fee	Percent	31.8	33.3	38.8	15.9	24.8	61.5	14.8	40.7
Private nonprofit institution	Number	2,354	1,335	273	367	193	140	15	32
Government	Number	1,466	746	323	73	131	45	145	5
Educational institution	Number	476	48	188	166	51	13	1	12
Other	Number	115	77	17	5	8	1	6	2
Operating income	**Mil. dol**	**1,088**	**261**	**380**	**294**	**88**	**27**	**30**	**8**
Earned income	Mil. dol	460	101	160	143	31	16	5	3
Federal government	Mil. dol	148	48	52	25	8	1	13	1
State government	Mil. dol	126	67	25	14	14	1	4	(Z)
Local government	Mil. dol	188	18	96	42	21	3	6	2
Individual contributions	Mil. dol	47	9	14	19	3	2	(Z)	1
Foundations	Mil. dol	46	6	18	16	3	1	1	1
Corporations	Mil. dol	26	3	6	14	2	1	(Z)	(Z)
Other	Mil. dol	48	7	10	23	5	2	1	(Z)
Operating expenditures [1]	**Mil. dol**	**1,005**	**226**	**368**	**264**	**84**	**27**	**28**	**8**
Administration	Mil. dol	200	55	55	60	16	6	6	2
Building and maintenance	Mil. dol	190	48	71	40	14	5	10	1
Exhibits	Mil. dol	131	24	58	34	9	4	1	1
Curatorial	Mil. dol	126	22	51	36	15	2	2	1
Annual attendance	Million	347.8	85.6	150.3	49.8	24.4	8.7	26.2	2.7
Regular full-time staff	Number	37,533	8,964	13,439	9,862	3,100	897	861	410

Z Less than $500,000. [1] *Excludes museums not reporting* expenditure distributions. Total includes other types of expenditures, not shown separately.

Source: U.S. National Center for Education Statistics, *Museum Program Survey*, 1979.

No. 393. Performing Arts—Selected Data: 1970 to 1983

[Receipts and expenditures in millions of dollars. For season ending in year shown, except as indicated]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Legitimate theater: [1]										
Broadway shows:										
New productions	62	59	62	63	54	47	67	48	50	36
Playing weeks [2 3]	1,047	1,101	1,136	1,347	1,360	1,472	1,545	1,461	1,259	1,119
Number of tickets sold (1,000)	(NA)	(NA)	7,181	8,815	8,621	9,115	10,822	10,694	8,102	7,898
Gross box office receipts	53.3	57.4	70.8	93.4	103.8	128.1	194.4	221.2	203.1	226.5
Road shows:										
Playing weeks [3]	1,024	799	814	987	1,025	1,192	1,343	1,317	990	1,057
Gross box office receipts	48.0	50.9	52.6	82.6	105.6	143.9	218.9	249.5	184.3	206.1
Opera companies [4]	**648**	**807**	**913**	**914**	**956**	**966**	**986**	**1,019**	**993**	**1,031**
Major	*35*	*54*	*65*	*68*	*78*	*95*	109	127	133	144
Expenditures	36.5	(NA)	71.8	79.7	96.3	111.5	133.6	161.6	191.1	212.4
Other companies	266	335	412	424	458	456	458	456	416	488
Workshops	347	418	436	422	420	415	419	436	444	399
Opera performances	4,779	6,428	7,109	7,389	7,806	8,554	9,391	9,683	9,510	10,693
Operas performed	341	387	427	427	448	498	497	559	571	590
Musical performances [5]	(NA)	(NA)	(NA)	(NA)	906	1,430	1,397	2,251	2,233	2,749
Musicals performed [5]	(NA)	(NA)	(NA)	(NA)	43	72	104	118	122	120
World premieres	17	16	45	33	42	64	79	88	94	96
Attendance (mil.)	4.6	8.0	8.9	9.2	9.8	9.9	10.7	11.1	10.1	12.7
Symphony orchestras [6]	**1,441**	**1,463**	**1,410**	**1,453**	**1,470**	**1,540**	**1,572**	**1,572**	**1,572**	**1,572**
College	298	300	356	356	278	379	385	385	385	386
Community [7]	1,019	1,003	872	888	950	909	926	926	919	920
Urban	24	41	56	69	76	79	85	85	94	101
Metropolitan	72	90	79	86	106	113	115	115	110	98
Regional	(8)	(8)	16	23	29	29	29	30	34	37
Major	28	29	31	31	31	31	32	31	30	30
Concerts	6,599	14,171	14,776	17,421	18,027	22,096	22,229	19,327	19,204	19,167
Attendance (mil.)	12.7	18.3	20.0	21.0	21.4	22.4	22.6	22.8	22.0	22.0
Gross income	73.3	124.5	137.0	154.1	178.1	216.8	246.3	288.9	325.5	348.9
Earned income	43.1	70.9	78.3	89.0	102.5	122.6	141.2	163.3	187.6	201.8
Contributed income	30.2	53.6	58.7	65.1	75.6	94.2	105.1	125.6	137.9	147.1
Gross expenses	76.4	129.5	141.5	160.9	183.1	221.0	252.1	289.3	315.3	352.2

NA Not available. [1] Source: *Variety*, New York, NY, June 6, 1984 issue (copyright). [2] All shows (new productions and holdovers from previous seasons). [3] Eight performances constitute one playing week. [4] Source: Central Opera Service, New York, NY, *Central Opera Service Bulletin*, periodic. Major companies have annual budgets of $100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to soloists. Workshops are primarily college and university opera groups. [5] *Covers not-for-profit companies* only. [6] Source: American Symphony Orchestra League, Inc., Washington, DC. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1983, community, under $115,000; urban, $115,000–$250,000; metropolitan, $250,000–$900,000; regional, $900,000–$3,400,000; and major, over $3,400,000. Prior to 1983, other budget classifications were in effect. [7] Beginning 1978, includes youth and chamber groups with budgets under $70,000. [8] Classification began in 1976.

Source: Compiled from sources listed in footnotes.

No. 394. Federal Aid to the Arts and Humanities: 1970 to 1983

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
National Endowment for the Arts:										
Funds available [1]	15.7	86.9	95.6	114.5	142.0	179.6	188.1	186.8	133.4	147.5
Program appropriation	6.3	67.3	74.5	77.5	89.1	102.1	97.0	113.9	103.3	101.7
Non-Federal gifts [2]	2.0	7.7	7.5	16.5	25.5	37.5	42.9	34.9	30.6	25.5
Matching funds [3]	2.0	7.5	7.5	16.5	25.5	37.5	42.9	34.8	30.6	25.5
Grants awarded (number)	556	3,071	4,325	4,302	4,900	5,090	5,651	6,597	5,090	5,198
Funds obligated	12.9	81.7	92.6	112.6	141.9	178.4	166.4	150.6	132.0	145.3
Music	2.5	14.9	17.2	17.3	19.5	16.4	13.6	16.2	14.1	12.9
State arts agencies	1.9	14.7	15.6	16.3	18.9	22.8	22.1	23.7	21.3	21.1
Museums	(NA)	10.8	11.4	10.9	12.4	11.8	11.2	13.2	11.5	10.0
Theater	2.8	6.4	6.3	6.9	7.5	8.3	8.4	10.8	9.6	9.5
Dance	1.7	6.1	5.6	6.0	7.0	8.1	8.0	9.1	8.4	9.1
Public media	.2	5.4	9.3	8.0	9.0	9.4	8.4	12.8	10.1	9.3
Challenge [4]	(x)	(x)	(x)	18.0	36.0	59.8	50.8	14.9	14.4	26.6
Visual arts	1.0	3.2	3.6	4.3	4.9	4.7	7.2	7.4	6.5	5.8
Other	2.8	20.1	23.6	24.9	26.8	37.3	36.6	42.5	36.5	41.0
National Endowment for the Humanities:										
Funds available [1]	13.0	86.0	98.8	124.3	137.8	186.9	186.2	144.4	[5] 120.9	[6] 123.5
Program appropriation	6.1	67.3	72.0	77.5	87.8	98.3	100.3	106.5	90.4	90.4
Non-Federal gifts [2]	2.0	6.5	7.5	16.0	25.0	36.5	38.4	(x)	(x)	(x)
Matching funds [3]	2.0	6.5	7.5	16.0	25.0	36.5	38.4	33.5	28.8	27.9
Grants awarded (number)	542	1,330	1,614	2,045	2,701	2,599	2,917	2,760	1,828	1,854
Funds obligated	10.5	73.1	86.6	116.8	149.0	185.1	185.5	144.4	115.8	123.3
Education programs	4.2	17.1	20.0	20.1	19.8	20.0	18.3	17.3	13.0	14.7
State programs	(x)	(x)	(x)	19.9	20.5	24.7	26.0	26.0	22.8	24.0
Research grants	2.0	13.4	18.6	22.2	26.3	32.2	32.0	25.5	25.7	23.1
Fellowship program	1.7	10.9	11.7	13.2	15.5	16.8	18.0	17.5	16.5	14.1
Public programs	1.7	26.3	31.2	15.7	19.4	23.7	25.1	21.5	(x)	(x)
Special programs and planning	.9	5.5	5.1	6.6	7.9	12.1	12.6	12.5	(x)	(x)
Challenge [4]	(x)	(x)	(x)	19.1	39.5	55.6	53.5	24.0	20.7	21.8
General programs	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	16.2	24.9
Planning	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	.9	.7

NA Not available. X Not applicable. [1] Includes other funds, not shown separately. Excludes administrative funds. Gifts are included through 1980; excluded thereafter, which release a like amount in Federal funds. [2] Gifts received by the Endowment for the support of a cultural organization. [3] Represents Federal funds appropriated only upon receipt or certification by Endowment of matching non-Federal gifts. [4] Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar. Funds for Challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis. [5] Excludes $5.2 million reappropriated to challenge grants in 1983. [6] Includes reappropriated funds from 1982.

Source: U.S. National Endowment for the Arts, *Annual Report;* and U.S. National Endowment for the Humanities, *Annual Report.*

No. 395. State Legislative Appropriations For State Arts Agencies: 1975 to 1984

[For fiscal years ending in year shown. Fiscal years for most States ended June 30]

STATE OR OTHER AREA	1975, total ($1,000)	1980, total ($1,000)	1983, total ($1,000)	1984		STATE OR OTHER AREA	1975, total ($1,000)	1980, total ($1,000)	1983, total ($1,000)	1984	
				Total ($1,000)	Per capita [1] (dol.)					Total ($1,000)	Per capita [1] (dol.)
Total	**58,152**	**101,029**	**123,450**	**136,635**	(x)	NV	15	87	94	116	.13
AL	125	525	570	781	.20	NH	45	153	96	126	.13
AK	216	1,675	4,976	4,490	10.25	NJ	793	3,333	3,590	3,671	.49
AZ	83	233	419	426	.15	NM	65	203	521	511	.38
AR	167	846	743	739	.32	NY	35,653	33,285	35,340	35,298	2.00
CA	1,000	7,891	10,465	8,577	.35	NC	222	1,379	2,114	2,380	.40
CO	1,251	609	844	843	.28	ND	5	101	136	175	.26
CT	394	1,305	882	979	.31	OH	976	4,709	5,024	5,595	.52
DE	43	123	428	431	.72	OK	95	552	1,774	1,574	.50
DC	30	356	882	916	1.45	OR	53	335	342	441	.17
FL	399	2,378	3,998	5,264	.51	PA	1,490	2,594	4,758	4,759	.40
GA	102	1,102	1,642	1,558	.28	RI	267	359	395	340	.36
HI	599	1,545	1,586	1,424	1.43	SC	596	941	1,338	1,517	.47
ID	23	86	103	102	.11	SD	85	155	199	213	.31
IL	925	2,246	2,752	5,492	.48	TN	412	517	482	528	.11
IN	161	1,277	1,403	1,450	.27	TX	160	1,215	1,803	3,952	.26
IA	71	313	373	466	.16	UT	268	1,088	1,278	1,233	.79
KS	79	262	411	423	.18	VT	50	108	185	217	.42
KY	226	857	1,296	1,489	.41	VA	265	1,230	1,401	1,495	.27
LA	60	857	1,978	1,613	.37	WA	246	579	739	1,454	.34
ME	163	180	217	249	.22	WV	360	1,563	1,808	1,710	.88
MD	450	1,345	1,811	1,808	.42	WI	60	719	809	808	.17
MA	1,600	2,300	5,500	8,524	1.47	WY	15	63	143	151	.30
MI	2,109	6,076	5,217	7,126	.78	Am. Samoa	60	43	48	48	1.44
MN	300	2,845	1,542	2,021	.49	GU	37	74	115	268	2.44
MS	113	307	435	436	.17	No. Marianas	–	–	10	30	1.73
MO	1,249	2,531	2,494	2,401	.49	PR	3,605	4,980	5,186	6,810	2.10
MT	28	93	139	542	.66	VI	160	103	151	157	1.58
NE	129	399	466	492	.31						

– Represents zero. X Not applicable. [1] Based on enumerated resident population as of July 1, 1982.

Source: National Assembly of State Arts Agencies, Washington, DC, unpublished data.

NO. 396. FINANCIAL SUPPORT OF THE ARTS BY PRIVATE BUSINESS—SUMMARY: 1981 AND 1982

[**In millions of dollars.** Based on a sample of 978 businesses from the files of Dun & Bradstreet, Inc. which covers all U.S. public companies, and private companies with sales of $5 million or more]

TYPE OF ART CATEGORY	1981	1982	TYPE OF ART CATEGORY	1981	1982
Total support	385.1	506.5	Art exhibition sponsorship	9.8	20.0
Museums	89.9	97.0	Historic and cultural preservation projects	10.1	18.6
Theater	34.8	47.3	Libraries	10.3	13.2
Cultural centers	38.3	45.6	Arts-in-education programs	4.9	7.4
Symphony orchestras	28.9	39.5	Films (noncommercial)	2.5	1.9
Public radio and TV, program underwriting	28.0	31.8	Purchase of art for corporate collections	3.2	1.3
Opera	20.2	29.8	Artists-in-residence	1.7	.8
Arts funds	22.1	28.7	Commercial radio and TV, cultural programming	1.5	.6
Public radio and TV, general support	17.6	25.2	Video projects (noncommercial)	.2	.4
Other music	16.7	23.3	Crafts	.2	.3
Dance	18.2	21.6	Folk art	.2	.2
			Other	25.8	52.0

Source: Business Committee for the Arts, New York, NY, press release.

NO. 397. PASSPORTS, BY SEX AND AGE OF TRAVELER: 1970 TO 1983

[**In thousands.** Total passports are actual count; all other data based on a sample and prorated to total passports. Data refer to number of passports issued, not travelers. Excludes passport renewals. A single passport may cover more than one trip and more than one person. See also *Historical Statistics, Colonial Times to 1970*, series H 899-920]

SEX AND AGE	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total passports	2,219	2,728	2,729	2,415	2,334	2,817	3,107	3,234	3,170	3,020	3,222	3,764	4,122
Male	1,124	1,359	1,321	1,155	1,128	1,354	1,496	1,555	1,543	1,497	1,552	1,849	1,948
Female	1,095	1,369	1,408	1,260	1,206	1,463	1,611	1,679	1,627	1,523	1,670	1,915	2,174
Under 20 years	362	470	497	448	405	460	511	541	567	516	524	621	666
20-29 years	*507*	*585*	*564*	*491*	*458*	*530*	*566*	*580*	*581*	*541*	*567*	*634*	*629*
30-39 years	293	369	376	348	345	432	499	535	547	533	584	665	690
40-49 years	356	434	431	371	347	423	452	472	465	437	470	544	604
50-59 years	341	437	434	383	384	484	527	545	506	474	493	552	641
60 years and over	360	433	427	374	395	488	552	561	504	519	584	748	892

Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics*, annual.

NO. 398. FOREIGN TRAVEL TO THE U.S.—TRAVELERS AND EXPENDITURES: 1970 TO 1983

[***Travelers in thousands; expenditures in millions of dollars.*** Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970*, series H 946-951]

AREA OF ORIGIN	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Travelers from overseas	2,288	3,674	4,456	4,509	5,764	7,230	8,200	9,069	8,761	7,873
Western Europe	984	1,500	1,892	1,885	2,483	3,135	3,700	4,170	3,778	3,020
Caribbean, Central America	484	478	573	578	703	855	850	853	907	1,218
South America	*318*	*438*	*510*	*573*	*773*	*995*	*1,200*	*1,382*	*1,278*	*1,055*
Japan	207	747	766	750	886	1,095	2,450	2,664	2,798	2,580
Other	295	511	715	723	919	1,150				
Total expenditures	2,331	4,697	5,742	6,150	7,183	8,441	10,588	12,913	12,393	11,408
Canada	859	1,561	1,983	2,150	2,248	2,092	2,501	2,672	2,624	3,168
Mexico	583	1,311	1,364	1,316	1,456	1,975	2,522	3,775	3,098	1,951
U.S. border area	520	972	1,023	967	951	1,266	1,614	2,547	2,308	1,457
Western Europe	318	611	852	1,003	1,323	1,667	2,192	2,549	2,476	2,157
Caribbean, Central America	170	206	289	276	322	375	423	469	525	684
South America	164	303	360	455	660	793	1,063	1,273	1,269	1,091
Japan	101	410	439	450	539	699	824	949	1,084	1,128
Other	*136*	*295*	*455*	*500*	*635*	*840*	*1,063*	*1,226*	*1,317*	*1,229*
Fares to U.S. carriers [1]	377	767	937	1,025	1,238	1,677	2,062	2,575	2,692	2,524

[1] Includes fares paid to and from the United States only.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1984, and earlier issues.

No. 399. U.S. Travel to Foreign Countries—Travelers and Expenditures: 1970 to 1983

[**Travelers in thousands; expenditures in millions of dollars, except as indicated.** Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series H 921-940]

ITEM AND AREA	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total overseas travelers [1]	**5,260**	**6,354**	**6,897**	**7,390**	**7,790**	**7,835**	**8,163**	**8,040**	**8,510**	**10,154**
Region of destination:										
Europe and Mediterranean	2,898	3,185	3,523	3,920	4,105	4,068	3,934	3,931	4,144	5,026
Average length of stay (days)	27	24	24	19	20	20	21	(NA)	(NA)	(NA)
Caribbean and Central America	1,663	2,065	2,201	2,203	2,365	2,533	2,624	2,453	2,637	3,107
South America	249	447	436	483	515	434	594	567	529	578
Other	450	657	737	784	805	800	1,011	1,089	1,200	1,443
Expenditures abroad	**3,980**	**6,417**	**6,856**	**7,451**	**8,475**	**9,413**	**10,397**	**11,479**	**12,394**	**13,977**
Canada	1,018	1,306	1,371	1,433	1,407	1,599	1,817	2,070	1,936	2,160
Mexico	778	1,637	1,723	1,918	2,121	2,460	2,564	2,862	3,324	3,576
Total overseas areas	2,184	3,474	3,762	4,100	4,947	5,354	6,016	6,547	7,134	8,241
Europe and Mediterranean	1,425	1,918	2,150	2,398	2,942	3,185	3,412	3,587	3,787	4,412
Average per trip [2] (dollars)	490	602	610	612	717	783	867	912	914	876
Average per day (dollars)	18.15	25.19	25.42	32.21	35.85	39.15	41.28	(NA)	(NA)	(NA)
Caribbean and Central America	390	787	784	790	888	1,019	1,134	1,277	1,349	1,519
South America	90	242	232	254	306	268	392	383	380	422
Japan	97	131	145	149	155	142	185	214	272	302
Other	182	396	451	509	656	720	893	1,086	1,346	1,586
Foreign flag carriers [3]	1,215	2,263	2,568	2,748	2,896	3,184	3,607	4,487	4,772	5,532
United States flag carriers [3]	985	1,483	1,444	1,725	1,784	1,978	2,504	(NA)	(NA)	(NA)

NA Not available. [1] Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [2] Excludes transatlantic passenger fares. [3] Excludes passenger fares of emigrant aliens.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1984, and earlier issues.

No. 400. Air Travel Between the United States and Foreign Countries: 1975 to 1983

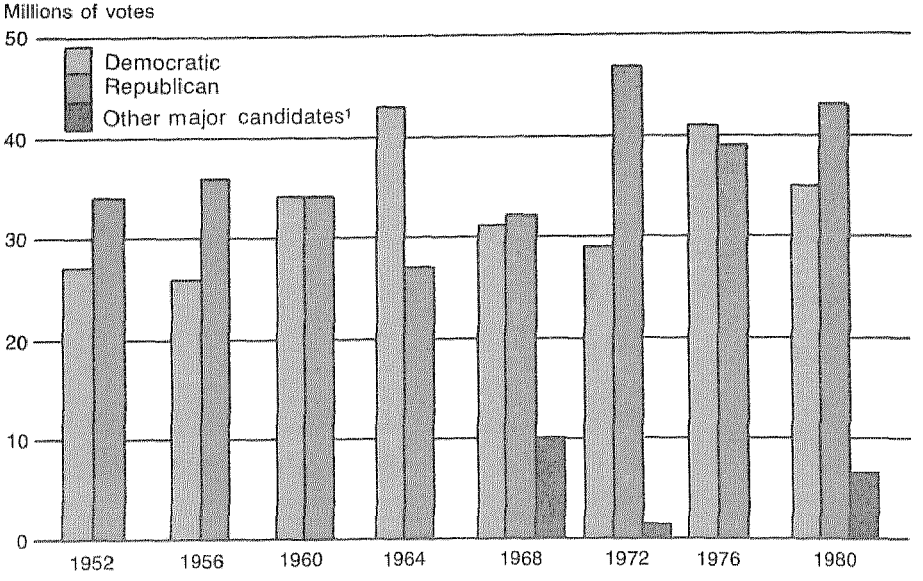
[**In thousands.** Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, Puerto Rico, Guam, or the Virgin Islands; and any other outlying area are included. Data compiled from flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 150,000 arrivals in 1983. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Total passengers	**12,646**	**20,262**	**20,881**	**20,216**	**20,840**	**12,053**	**19,256**	**19,911**	**19,322**	**19,724**
Flag of carrier:										
United States	6,503	10,031	10,265	10,163	10,698	5,913	9,369	9,581	9,485	9,888
Foreign	6,143	10,231	10,615	10,054	10,142	6,141	9,886	10,330	9,837	9,837
Country of embarkation or debarkation: [1]										
Australia	106	227	229	254	242	103	245	258	252	201
Bahamas	758	1,123	1,053	1,153	1,344	704	1,006	927	1,009	1,075
Barbados	76	135	123	115	167	74	126	116	113	168
Belgium	144	242	249	299	250	134	231	238	283	226
Bermuda	398	497	451	441	439	372	467	417	413	394
Brazil	212	300	311	308	308	206	291	301	303	303
China: Taiwan	50	113	138	148	154	41	90	105	123	128
Colombia	173	315	334	314	309	171	299	315	300	302
Denmark	222	267	251	243	230	188	254	243	235	219
Dominican Republic	336	468	495	501	532	322	443	466	464	490
France	512	689	686	695	705	470	635	646	647	656
Germany, Fed. Rep. of	622	1,175	1,182	1,174	1,223	649	1,178	1,149	1,164	1,220
Greece	121	208	206	198	234	123	190	189	197	222
Haiti	91	133	148	146	159	81	124	126	131	144
Hong Kong	98	228	230	197	217	59	152	166	144	184
Ireland	220	220	229	250	222	163	212	219	234	196
Israel	84	189	190	189	233	105	186	194	211	228
Italy	431	537	493	529	572	409	495	460	500	561
Jamaica	457	429	479	587	682	416	382	435	526	601
Japan	1,095	1,624	1,705	1,819	1,896	1,183	1,602	1,697	1,779	1,854
Korea, Rep. of	105	234	226	245	249	60	186	187	212	212
Mexico	1,626	2,886	3,091	2,456	2,691	1,524	2,886	3,157	2,516	2,670
Netherlands	312	427	450	482	467	304	409	443	477	458
Netherlands Antilles	213	327	359	332	370	184	282	322	297	321
Phillipines	108	194	244	212	158	81	160	178	175	133
Spain	306	312	310	337	376	260	273	288	321	350
Switzerland	236	312	321	332	314	224	306	315	330	327
United Kingdom	1,549	2,973	3,092	2,694	2,812	1,446	2,840	2,989	2,607	2,687
Venezuela	205	533	577	581	312	198	518	571	571	321
Other	1,760	2,945	3,027	2,985	2,973	1,799	2,788	2,794	2,788	2,873

[1] Country where passenger boarded/deboarded a direct flight to/from the U.S.

Source: U.S. Transportation Systems Center, Cambridge, MA, *U.S. International Air Travel Statistics*, annual.

Figure 9.1
Popular Vote Cast for President, by Major Party: 1952 to 1980

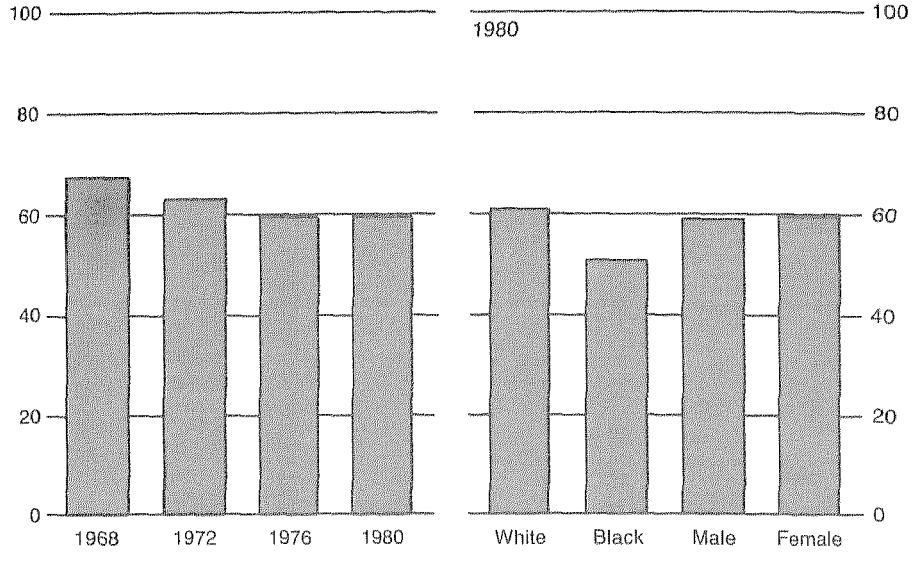


[1] 1968 and 1972–American Independent; 1980–John Anderson.

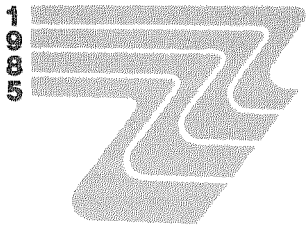
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 401.

Figure 9.2
Voter Participation in Presidential Elections: 1968 to 1980

Percent of persons of voting age who reported that they voted.



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 426.



Section 9

Elections

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, State legislatures, Black, Hispanic, and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election.* Federal and State elections data appear also in *America Votes,* a biennial volume of the Elections Research Center, Washington, DC. Federal elections data also appear in the U.S. Congress, *Congressional Directory,* and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports,* series P-20 (see text, pp. 1 and 2).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, 18 years old and over.

Presidential election.—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia, American Samoa, Guam, and the Virgin Islands each elect one nonvoting Delegate and Puerto Rico elects a nonvoting Resident Commissioner.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. Voting-age population estimates include a number of persons who meet the age requirement but are not eligible to vote (for example, aliens and institutionalized persons). Since 1964,

voter participation and voter characteristics data have been collected during November of election years as part of the CPS.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 401. Vote Cast for President, by Political Parties: 1920 to 1980

[*Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes DC. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also Historical Statistics, Colonial Times to 1970,* series Y 79–83 and Y 135]

Year	Candidates for President		Vote cast for President					
				Democratic			Republican	
				Popular vote			Popular vote	
	Democratic	Republican	Total popular vote [1] (1,000)	Number (1,000)	Percent	Electoral vote	Number (1,000)	Percent	Electoral vote
1920	Cox	Harding	26,748	9,130	34.1	127	16,143	60.4	404
1924	Davis	Coolidge	29,086	8,385	28.8	136	15,718	54.0	382
1928	Smith	*Hoover*	36,812	15,016	40.8	87	21,392	58.1	444
1932	F. D. Roosevelt	Hoover	39,732	22,810	57.4	472	15,759	39.7	59
1936	F. D. Roosevelt	Landon	45,643	27,753	60.8	523	16,675	36.5	8
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,348	44.8	82
1944	*F. D. Roosevelt*	*Dewey*	47,977	25,613	53.4	432	22,018	45.9	99
1948	Truman	Dewey	48,794	24,179	49.6	303	21,991	45.1	189
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	442
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,500	57.4	457
1960	*Kennedy*	Nixon	68,838	34,227	49.7	303	34,108	49.5	219
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	52
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	301
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	520
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	240
1980	*Carter*	Reagan	86,515	35,484	41.0	49	43,904	50.7	489

Year	Vote cast for President—Con.	Year	Vote cast for President—Con.
	Leading other candidates		Leading other candidates—Con.
1920	Eugene Debs, Socialist, 919,799. P. P. Christensen, Farmer-Labor, 265,411.	1952	Vincent Hallinan, Progressive, 140,023. Stuart Hamblen, Prohibition, 72,949.
1924	Robert LaFollette, Progessive, 4,831,289. Herman P. Faris, Prohibition, 57,520.	1956	T. Coleman Andrews, States' Rights, 111,178. Eric Hass, Socialist Labor, 44,450.
1928	Norman Thomas, Socialist, 267,835. Verne L. Reynolds, Socialist Labor, 21,603.	1960	Eric Hass, Socialist Labor, 47,522. Rutherford Decker, Prohibition, 46,203.
1932	Norman Thomas, Socialist, 881,951. William Z. Foster, Communist, 102,785.	1964	Eric Hass, Socialist Labor, 45,219. Clifton DeBerry, Socialist Workers, 32,720.
1936	William Lemke, Union, 882,479. Norman Thomas, Socialist, 187,720.	1968	George Wallace, American Independent, 9,906,473. Henning Blomen, Socialist Labor, 52,588.
1940	Norman Thomas, Socialist, 99,557. Roger Babson, Prohibition, 57,812.	1972	John Schmitz, American, 1,099,482. Benjamin Spock, People's, 78,756.
1944	Norman Thomas, Socialist, 80,518. Claude Watson, Prohibition, 74,758.	1976	Eugene McCarthy, Independent, 756,691. Roger MacBride, Libertarian, 173,011.
1948	Strom Thurmond, States' Rights, 1,176,125. Henry Wallace, Progressive, 1,157,326.	1980	John Anderson, Independent, 5,720,060. Ed Clark, Libertarian, 921,299.

[1] Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

Source: 1920–1936, Edgar Eugene Robinson, *The Presidential Vote* and *They Voted for Roosevelt,* Stanford University Press, Stanford, CA, 1934 and 1947, respectively. 1940–1964 and 1968–1980, Elections Research Center, Washington, DC, *America at the Polls* and *America Votes,* biennial, respectively (copyright).

No. 402. Electoral Vote Cast for President, by Major Political Parties—States: 1940 to 1980

[D=Democratic, R=Republican. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

Region, division, and state	1940	1944	1948 [1]	1952	1956 [2]	1960 [3]	1964	1968 [4]	1972 [5]	1976 [6]	1980
Democratic	**449**	**432**	**303**	**89**	**73**	**303**	**486**	**191**	**17**	**297**	**49**
Republican	**82**	**99**	**189**	**442**	**457**	**219**	**52**	**301**	**520**	**240**	**489**
Northeast: Dem	132	130	20	–	–	121	126	102	14	86	4
Rep	8	8	118	133	133	12	–	24	108	36	118
Midwest: Dem	93	73	101	–	13	71	149	31	–	58	10
Rep	68	82	54	153	140	82	–	118	145	87	135
South: Dem	165	167	117	89	60	101	121	45	3	149	31
Rep	–	–	11	77	105	50	47	77	165	20	138
West: Dem	59	62	65	–	–	10	90	13	–	4	4
Rep	6	9	6	79	79	75	5	82	102	97	98
New England: ME	R-5	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4
NH	D-4	D-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
VT	R-3	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
MA	D-17	D-16	D-16	R-16	R-16	D-16	D-14	D-14	D-14	D-14	R-14
RI	D-4	D-4	D-4	R-4	R-4	D-4	D-4	D-4	R-4	D-4	D-4
CT	D-8	D-8	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8
Middle Atlantic: NY	D-47	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41
NJ	D-16	D-16	R-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17
PA	D-36	D-35	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27
East North Central: OH	D-26	R-25	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25
IN	R-14	R-13	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13
IL	D-29	D-28	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26
MI	R-19	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21
WI	D-12	R-12	D-12	R-12	R-12	R-12	D-12	R-12	R-11	D-11	R-11
West North Central: MN	D-11	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10
IA	R-11	R-10	D-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8
MO	D-15	D-15	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12
ND	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3
SD	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
NE	R-7	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5
KS	R-9	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7
South Atlantic: DE	D-3	D-3	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3
MD	D-8	D-8	R-8	R-9	R-9	D-9	D-10	D-10	R-10	D-10	D-10
DC	(X)	(X)	(X)	(X)	(X)	(X)	D-3	D-3	D-3	D-3	D-3
VA	D-11	D-11	D-11	R-12	R-12	R-12	D-12	R-12	[5] R-11	R-12	R-12
WV	D-8	D-8	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6
NC	D-13	D-14	D-14	D-14	D-14	D-14	D-13	[4] R-12	R-13	D-13	R-13
SC	D-8	D-8	(1)	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8
GA	D-12	D-12	D-12	D-12	D-12	D-12	R-12	(4)	R-12	D-12	D-12
FL	D-7	D-8	D-8	R-10	R-10	R-10	D-14	R-14	R-17	D-17	R-17
East South Central: KY	D-11	D-11	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9
TN	D-11	D-12	[1] D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10
AL	D-11	D-11	(1)	D-11	[2] D-10	[3] D-5	R-10	(4)	R-9	D-9	R-9
MS	D-9	D-9	(1)	D-8	D-8	(3)	R-7	(4)	R-7	D-7	R-7
West South Central: AR	D-9	D-9	D-9	D-8	D-8	D-8	D-6	(4)	R-6	D-6	R-6
LA	D-10	D-10	(1)	D-10	R-10	D-10	R-10	(4)	R-10	D-10	R-10
OK	D-11	D-10	D-10	R-8	R-8	[3] R-7	D-8	R-8	R-8	R-8	R-8
TX	D-23	D-23	D-23	R-24	R-24	D-24	D-25	D-25	R-26	D-26	R-26
Mountain: MT	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
ID	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
WY	D-3	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
CO	R-6	R-6	D-6	R-6	R-6	R-6	D-6	R-6	R-7	R-7	R-7
NM	D-3	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4
AZ	D-3	D-4	D-4	R-4	R-4	R-4	R-5	R-5	R-6	R-6	R-6
UT	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
NV	D-3	D-3	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3
Pacific: WA	D-8	D-8	D-8	R-9	R-9	R-9	D-9	D-9	R-9	[6] R-8	R-9
OR	D-5	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6
CA	D-22	D-25	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45
AK	(X)	(X)	(X)	(X)	(X)	R-3	D-3	R-3	R-3	R-3	R-3
HI	(X)	(X)	(X)	(X)	(X)	D-3	D-4	D-4	R-4	D-4	D-4

– Represents zero. X Not applicable. [1] Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: AL 11; LA 10; MS 9; SC 8; and TN 1. [2] Excludes 1 electoral vote cast for Walter B. Jones in Alabama. [3] Excludes 15 electoral votes cast for Harry F. Byrd as follows: AL 6; MS 8; and OK 1.
[4] Excludes 46 electoral votes cast for George C. Wallace as follows: AL 10; AR 6; GA 12; LA 10; MS 7; NC 1. [5] Excludes 1 electoral vote cast for John Hospers in Virginia. [6] Excludes 1 electoral vote cast for Ronald Reagan in Washington.

Source: 1940–1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election;* quadrennial; thereafter, Elections Research Center, Washington, DC, *America Votes,* biennial. (Copyright.)

No. 403. Popular Vote Cast for President, by Political Parties—States: 1968 to 1980

[**In thousands, except percent.** D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. For composition of regions, see fig. I, inside front cover. See *also Historical Statistics, Colonial Times to 1970*, series Y 135-186]

Region, division, and state	1968		1972		1976				1980			
	Total	Percent for leading party	Total	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party
U.S.	***73,212***	***R-43.4***	***77,719***	***R-60.7***	***81,556***	***40,831***	***39,148***	***D-50.1***	***86,515***	***35,484***	***43,904***	***R-50.7***
Regions:												
Northeast	19,240	D-50.2	19,952	R-57.6	19,520	9,929	9,272	D-50.9	19,206	8,019	9,147	R-47.6
Midwest	22,206	R-46.8	23,190	R-59.1	24,155	11,671	11,995	R-49.7	25,176	10,291	12,827	R-50.9
South	19,177	R-36.4	20,048	R-68.2	23,198	12,520	10,394	D-54.0	25,813	11,554	13,118	R-50.8
West	12,590	R-48.7	14,529	R-57.2	14,682	6,711	7,488	R-51.0	16,318	5,620	8,813	R-54.0
N. Eng	**4,825**	**D-57.1**	**5,197**	**R-52.5**	**5,351**	**2,766**	**2,454**	**D-51.7**	**5,467**	**2,206**	**2,446**	**R-44.7**
ME	393	D-55.3	417	R-61.5	483	232	236	R-48.9	523	221	239	R-45.6
NH	297	R-52.1	334	R-64.0	340	148	186	R-54.7	384	109	222	R-57.7
VT	161	R-52.8	187	R-62.7	188	81	102	R-54.4	213	82	95	R-44.4
MA	2,332	D-63.0	2,459	D-54.2	2,548	1,429	1,030	D-56.1	2,524	1,054	1,058	R-41.9
RI	385	D-64.0	416	*R-53.0*	411	228	181	D-55.4	416	198	155	D-47.7
CT	1,256	D-49.5	1,384	R-58.6	1,382	648	719	R-52.1	1,406	542	677	R-48.2
Mid. Atl	**14,415**	**D-47.9**	**14,755**	**R-59.3**	**14,169**	**7,164**	**6,817**	**D-50.6**	**13,739**	**5,813**	**6,703**	**R-48.8**
NY	6,792	D-49.7	7,166	R-58.5	6,534	3,390	3,101	D-51.9	6,202	2,728	2,894	R-46.7
NJ	2,875	R-46.1	2,997	R-61.6	3,014	1,445	1,510	R-50.1	2,976	1,147	1,547	R-52.0
PA	4,748	D-47.6	4,592	R-59.1	4,621	2,329	2,206	D-50.4	4,562	1,938	2,262	R-49.6
E. No. Cent	**15,701**	**R-45.9**	**16,286**	**R-58.9**	**16,809**	**8,035**	**8,448**	**R-50.3**	**17,458**	**7,221**	**8,825**	**R-50.5**
OH	3,960	R-45.2	4,095	R-59.6	4,112	2,012	2,001	D-48.9	4,284	1,752	2,207	R-51.5
IN	2,124	R-50.3	2,126	R-66.1	2,220	1,015	1,184	R-53.3	2,242	844	1,256	R-56.0
IL	4,620	R-47.1	4,723	R-59.0	4,719	2,271	2,364	R-50.1	4,750	1,981	2,358	R-49.6
MI	*3,306*	*D-48.2*	*3,490*	*R-56.2*	3,654	1,697	1,894	R-51.8	3,910	1,662	1,915	R-49.0
WI	1,692	R-47.9	1,853	R-53.4	2,104	1,040	1,005	D-49.4	2,273	982	1,089	R-47.9
W. No. Cent	**6,505**	**R-48.9**	**6,904**	**R-59.8**	**7,346**	**3,635**	**3,547**	**D-49.5**	**7,719**	**3,070**	**4,002**	**R-51.8**
MN	*1,589*	*D-54.0*	*1,742*	*R-51.6*	1,950	1,070	819	D-54.9	2,052	954	873	D-46.5
IA	1,168	R-53.0	1,226	R-57.6	1,279	620	633	R-49.5	1,318	509	676	R-51.3
MO	1,810	R-44.9	1,856	R-62.2	1,954	998	927	D-51.1	2,100	931	1,074	R-51.2
ND	248	R-55.9	281	R-62.1	297	136	153	R-51.6	302	79	194	R-64.2
SD	*281*	*R-53.3*	307	*R-54.2*	301	147	152	R-50.4	328	104	198	R-60.5
NE	537	R-59.8	576	R-70.5	608	234	360	R-59.2	641	167	420	R-65.5
KS	873	R-54.8	916	R-67.7	958	430	503	R-52.5	980	326	567	R-57.9
So. Atl	***9,428***	***R-39.2***	***9,923***	***R-68.0***	***11,392***	***6,264***	***5,005***	***D-55.0***	***12,589***	***5,698***	***6,198***	***R-49.2***
DE	214	R-45.1	236	R-59.6	236	123	110	D-52.0	236	106	111	R-47.2
MD	1,235	D-43.6	1,354	R-61.3	1,440	760	673	D-52.8	1,540	726	681	D-47.1
DC	171	D-81.8	163	D-78.1	169	138	28	D-81.6	175	131	24	D-74.8
VA	*1,361*	*R-43.4*	*1,457*	*R-67.8*	*1,697*	*814*	*837*	*R-49.3*	*1,866*	*752*	*990*	*R-53.0*
WV	754	D-49.6	762	R-63.6	751	436	315	D-58.0	738	367	334	D-49.8
NC	1,587	R-39.5	1,519	R-69.5	1,679	927	742	D-55.2	1,856	876	915	R-49.3
SC	667	R-38.1	674	R-70.8	803	451	346	D-56.2	894	430	442	R-49.4
GA	*1,250*	[2]	1,175	R-75.0	1,467	979	484	D-66.7	1,597	891	654	D-55.8
FL	2,188	R-40.5	2,583	R-71.9	3,151	1,636	1,470	D-51.9	3,687	1,419	2,047	R-55.5
E. So. Cent	**4,009**	[2]	**3,921**	**R-69.5**	**4,596**	**2,482**	**2,037**	**D-54.0**	**5,147**	**2,465**	**2,518**	**R-48.9**
KY	1,056	*R-43.8*	1,067	R-63.4	1,167	616	532	D-52.8	1,295	616	635	R-49.1
TN	1,249	R-37.8	1,201	R-67.7	1,476	826	634	*D-55.9*	1,618	783	788	R-48.7
AL	1,050	[2]	1,006	R-72.4	1,183	659	504	D-55.7	1,342	637	654	R-48.8
MS	655	[2]	646	R-78.2	769	381	367	D-49.6	893	429	441	R-49.4
W. So. Cent	**5,740**	**R-37.0**	**6,204**	**R-67.6**	**7,210**	**3,774**	**3,354**	**D-52.4**	**8,078**	**3,389**	**4,403**	**R-54.5**
AR	620	[2]	651	R-68.9	768	499	268	D-65.0	838	398	403	R-48.1
LA	1,097	[2]	1,051	R-65.3	1,278	661	587	D-51.7	1,549	708	793	R-51.2
OK	943	R-47.7	1,030	R-73.7	1,092	532	546	R-50.0	1,150	402	696	R-60.5
TX	3,079	D-41.1	3,471	R-66.2	4,072	2,082	1,953	D-51.1	4,542	1,881	2,511	R-55.3
Mt	**2,895**	**R-52.9**	**3,397**	**R-63.6**	**3,815**	**1,569**	**2,124**	**R-55.7**	**4,346**	**1,251**	**2,637**	**R-60.7**
MT	274	R-50.6	318	R-57.9	329	149	174	R-52.8	364	118	207	R-56.8
ID	291	R-56.8	310	R-64.2	344	127	204	R-59.3	437	110	291	R-66.5
WY	127	R-55.8	146	R-69.0	156	62	93	R-59.3	177	49	111	R-62.6
CO	811	R-50.5	954	R-62.6	1,082	460	584	R-54.0	1,184	368	652	R-55.1
NM	327	R-51.8	386	R-61.0	418	201	211	R-50.5	457	168	251	R-54.9
AZ	487	R-54.8	623	R-64.7	*743*	*298*	419	R-56.4	874	247	530	R-60.6
UT	423	R-56.5	478	R-67.6	541	182	338	R-62.4	604	124	440	R-72.8
NV	154	R-47.5	182	R-63.7	202	92	101	R-50.2	248	67	155	R-62.5
Pac	**9,695**	**R-47.4**	**11,132**	**R-55.2**	**10,887**	**5,140**	**5,364**	**R-49.4**	**11,973**	**4,369**	**6,177**	**R-51.6**
WA	1,304	D-47.2	1,471	R-56.9	1,556	717	778	R-50.0	1,742	650	865	R-49.7
OR	820	R-49.8	928	R-52.4	1,030	490	492	R-47.8	1,182	457	571	R-48.3
CA	7,252	R-47.8	8,368	R-55.0	7,867	3,742	3,882	R-49.3	8,587	3,084	4,525	R-52.7
AK	*83*	*R-45.3*	*95*	*R-58.1*	124	44	72	R-57.9	158	42	86	R-54.3
HI	236	D-59.8	270	R-62.5	291	147	140	D-50.6	303	136	130	D-44.8

[1] Includes other parties. [2] Vote represented a victory for Wallace (American Independent Party) as follows: East South Central, 43.0 percent; AL, 65.9 percent; AR, 38.9 percent; GA, 42.8 percent; LA, 48.3 percent; and MS, 63.5 percent.

Source: 1968 and 1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*, quadrennial (in some cases, figures have been revised by Elections Research Center, Washington, DC); thereafter, Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 404. Vote Cast for United States Senators, by Major Political Parties—States: 1978 to 1982

[In thousands, except percent. Excludes elections to fill vacancies for unexpired term]

Division and State	1978				1980				1982			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
N. Eng.:												
ME	375	127	212	56.6	(x)	(x)	(x)	(x)	460	280	180	60.9
NH	264	128	134	50.7	375	179	196	52.1	(x)	(x)	(x)	(x)
VT	(x)	(x)	(x)	(x)	209	104	101	49.8	168	79	84	50.3
MA	1,986	1,093	891	55.1	(x)	(x)	(x)	(x)	2,051	1,247	785	60.8
RI	306	230	76	75.1	(x)	(x)	(x)	(x)	343	167	175	51.2
CT	(x)	(x)	(x)	(x)	1,356	764	582	56.3	1,084	499	546	50.4
Mid. Atl.:												
NY	(x)	(x)	(x)	(x)	6,015	2,619	2,700	44.9	4,968	3,232	1,697	65.1
NJ	1,958	1,083	844	55.3	(x)	(x)	(x)	(x)	2,194	1,118	1,048	50.9
PA	(x)	(x)	(x)	(x)	4,418	2,122	2,230	50.5	3,604	1,413	2,136	59.3
E. No. Cent.:												
OH	(x)	(x)	(x)	(x)	4,027	2,771	1,138	68.8	3,395	1,924	1,397	56.7
IN	(x)	(x)	(x)	(x)	2,198	1,016	1,182	53.8	1,817	828	978	53.8
IL	3,185	1,448	1,699	53.3	4,580	2,565	1,946	56.0	(x)	(x)	(x)	(x)
MI	2,847	1,484	1,362	52.1	(x)	(x)	(x)	(x)	2,994	1,728	1,223	57.7
WI	(x)	(x)	(x)	(x)	2,204	1,065	1,106	50.2	1,545	983	527	63.6
W. No. Cent.:												
MN	1,581	638	894	56.6	(x)	(x)	(x)	(x)	1,805	840	949	52.6
IA	825	395	422	51.1	1,277	582	683	53.5	(x)	(x)	(x)	(x)
MO	(x)	(x)	(x)	(x)	2,067	1,075	985	52.0	1,544	759	785	50.8
ND	(x)	(x)	(x)	(x)	299	87	210	70.3	262	165	89	62.8
SD	256	85	171	66.8	327	129	191	58.2	(x)	(x)	(x)	(x)
NE	494	334	160	67.6	(x)	(x)	(x)	(x)	546	383	156	66.6
KS	749	318	403	53.9	939	340	599	63.8	(x)	(x)	(x)	(x)
So. Atl.:												
DE	162	94	66	58.0	(x)	(x)	(x)	(x)	191	84	105	55.2
MD	(x)	(x)	(x)	(x)	1,286	435	851	66.2	1,115	707	407	63.5
VA	1,222	609	613	50.2	(x)	(x)	(x)	(x)	1,416	691	725	51.2
WV	493	249	244	50.5	(x)	(x)	(x)	(x)	565	387	174	68.5
NC	1,136	517	619	54.5	1,798	898	898	50.0	(x)	(x)	(x)	(x)
SC	633	281	352	55.6	871	613	258	70.4	(x)	(x)	(x)	(x)
GA	645	536	109	83.1	1,580	776	804	50.9	(x)	(x)	(x)	(x)
FL	(x)	(x)	(x)	(x)	3,528	1,705	1,822	51.7	2,653	1,638	1,015	61.7
E. So. Cent.:												
KY	477	291	176	61.0	1,107	721	386	65.1	(x)	(x)	(x)	(x)
TN	1,157	466	643	55.5	(x)	(x)	(x)	(x)	1,260	780	480	61.9
AL	582	547	-	94.0	1,297	610	650	50.2	(x)	(x)	(x)	(x)
MS	584	185	263	45.1	(x)	(x)	(x)	(x)	645	414	231	64.2
W. So. Cent.:												
AR	522	400	85	76.6	80.9	478	331	59.1	(x)	(x)	(x)	(x)
LA	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(x)	(x)	(x)	(x)
OK	754	494	248	65.5	1,098	478	587	53.5	(x)	(x)	(x)	(x)
TX	2,313	1,139	1,151	49.8	(x)	(x)	(x)	(x)	3,103	1,816	1,257	58.6
Mt.:												
MT	288	160	128	55.7	(x)	(x)	(x)	(x)	321	175	134	54.5
ID	284	90	194	68.4	440	214	219	49.7	(x)	(x)	(x)	(x)
WY	133	50	83	62.2	(x)	(x)	(x)	(x)	167	72	95	56.7
CO	819	330	481	58.7	1,174	591	571	50.3	(x)	(x)	(x)	(x)
NM	344	160	183	53.4	(x)	(x)	(x)	(x)	405	218	187	53.8
AZ	(x)	(x)	(x)	(x)	874	423	432	49.5	724	412	292	56.9
UT	(x)	(x)	(x)	(x)	594	151	438	73.6	531	219	309	58.3
NV	(x)	(x)	(x)	(x)	246	92	144	58.5	240	115	120	50.1
Pac.:												
WA	(x)	(x)	(x)	(x)	1,728	792	936	54.2	1,368	944	332	69.0
OR	893	342	550	61.6	1,140	502	594	52.1	(x)	(x)	(x)	(x)
CA	(x)	(x)	(x)	(x)	8,327	4,705	3,093	56.5	7,806	3,495	4,023	51.5
AK	123	30	93	75.6	157	72	84	53.7	(x)	(x)	(x)	(x)
HI	(x)	(x)	(x)	(x)	288	224	53	77.9	306	245	52	80.1

– Represents zero. X Not applicable. [1] Includes vote cast for minor parties. [2] Unopposed Democrat; no vote tallied since name not printed on ballot.

Source: Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 405. Apportionment of Membership in House of Representatives, by State: 1790 to 1980

[Total membership includes Representatives *assigned to* newly admitted States after the apportionment acts. Population figures used for apportionment purposes are those determined for States by each decennial census. No reapportionment based on 1920 population census. For method of calculating apportionment and a short history of apportionment, see House Report 91-1314, 91st Congress, 2d session, *The Decennial Population Census and Congressional Apportionment.* For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series Y 220-271]

REGION, DIVISION, AND STATE	MEMBERSHIP BASED ON CENSUS OF—																		
	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960	1970	1980
U.S	**106**	**142**	**186**	**213**	**242**	**232**	**237**	**243**	**293**	**332**	**357**	**391**	**435**	**435**	**435**	**437**	**435**	**435**	**435**
Regions:																			
Northeast	57	76	97	105	112	94	92	87	95	95	99	108	123	122	120	115	108	104	95
Midwest	(X)	1	8	19	32	50	59	75	98	117	128	136	143	137	131	129	125	121	113
South	49	65	81	89	98	86	83	76	93	107	112	126	136	133	135	134	133	134	142
West	(X)	(X)	(X)	(X)	(X)	2	3	5	7	13	18	21	33	43	49	59	69	76	85
N. Eng	**29**	**35**	**41**	**39**	**38**	**31**	**29**	**27**	**28**	**26**	**27**	**29**	**32**	**29**	**28**	**28**	**25**	**25**	**24**
ME	(X)	(X)	(X)	7	8	7	6	5	5	4	4	4	4	3	3	3	2	2	2
NH	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2
VT	2	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	1	1	1
MA	14	17	20	13	12	10	11	10	11	12	13	14	16	15	14	14	12	12	11
RI	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
CT	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6	6	6	6
Mid. Atl	**28**	**41**	**56**	**66**	**74**	**63**	**63**	**60**	**67**	**69**	**72**	**79**	**91**	**93**	**92**	**87**	**83**	**79**	**71**
NY	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41	39	34
NJ	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14	15	15	14
PA	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	27	25	23
E. No. Cent	(X)	**1**	**8**	**18**	**30**	**43**	**48**	**56**	**69**	**74**	**78**	**82**	**86**	**90**	**87**	**87**	**88**	**86**	**80**
OH	(X)	[1] 1	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24	23	21
IN	(X)	(X)	[1] 1	3	7	10	11	11	13	13	13	13	13	12	11	11	11	11	10
IL	(X)	(X)	[1] 1	1	3	7	9	14	19	20	22	25	27	27	26	25	24	24	22
MI	(X)	(X)	(X)	(X)	[1] 1	3	4	6	9	11	12	12	13	17	17	18	19	19	18
WI	(X)	(X)	(X)	(X)	(X)	[2] 3	6	8	9	10	11	11	11	10	10	10	10	9	9
W. No. Cent	(X)	(X)	(X)	**1**	**2**	**7**	**11**	**19**	**29**	**43**	**50**	**54**	**57**	**47**	**44**	**42**	**37**	**35**	**33**
MN	(X)	(X)	(X)	(X)	(X)	(X)	[1] [2] 2	2	3	5	7	9	10	9	9	9	8	8	8
IA	(X)	(X)	(X)	(X)	(X)	[1] [2] 2	2	6	9	11	11	11	11	9	8	8	7	6	6
MO	(X)	(X)	(X)	1	2	5	7	9	13	14	15	16	16	13	13	11	10	10	9
ND	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	2	3	2	2	2	2	1	1
SD	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] [2] 2	2	2	3	2	2	2	2	2	1
NE	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	3	6	6	6	5	4	4	3	3	3
KS	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	3	7	8	8	8	7	6	6	5	5	5
So. Atl	**46**	**56**	**62**	**61**	**61**	**47**	**43**	**36**	**43**	**49**	**50**	**53**	**56**	**54**	**56**	**60**	**63**	**65**	**69**
DE	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MD	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8	8	8
VA	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10	10	10
WV	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3	4	4	5	6	6	6	6	5	4	4
NC	10	12	13	13	13	9	8	7	6	9	9	10	10	11	12	12	11	11	11
SC	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	6	6	6
GA	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10	10	10
FL	(X)	(X)	(X)	(X)	(X)	[1] 1	1	1	2	2	2	3	4	5	6	8	12	15	19
E. So. Cent	**3**	**9**	**18**	**25**	**33**	**32**	**32**	**28**	**34**	**36**	**37**	**38**	**39**	**34**	**35**	**32**	**29**	**27**	**28**
KY	2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7	7	7
TN	[1] 1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9	8	9
AL	(X)	(X)	[1] 1	3	5	7	7	6	8	8	9	9	10	9	9	9	8	7	7
MS	(X)	(X)	[1] 1	1	2	4	5	5	6	7	7	8	8	7	7	6	5	5	5
W. So. Cent	(X)	(X)	1	**3**	**4**	**7**	**8**	**12**	**16**	**22**	**25**	**35**	**41**	**45**	**44**	**42**	**41**	**42**	**45**
AR	(X)	(X)	(X)	(X)	[1] 1	1	2	3	4	5	6	7	7	7	7	6	4	4	4
LA	(X)	(X)	[1] 1	3	3	4	4	5	6	6	6	7	8	8	8	8	8	8	8
OK	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 5	8	9	8	6	6	6	6
TX	(X)	(X)	(X)	(X)	(X)	[1] 2	2	4	6	11	13	16	18	21	21	22	23	24	27
Mt	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	2	5	7	8	14	14	16	16	17	19	24
MT	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	1	2	2	2	2	2	2	2
ID	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	1	2	2	2	2	2	2	2
WY	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	1	1	1	1	1	1	1	1
CO	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	2	3	4	4	4	4	4	5	6
NM	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[2] 1	1	2	2	2	2	3
AZ	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[2] 1	1	2	2	3	4	5
UT	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	2	2	2	2	2	2	3
NV	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	1	1	1	1	1	1	1	1	1	2
Pac	(X)	(X)	(X)	(X)	(X)	**2**	**3**	**4**	**5**	**8**	**11**	**13**	**19**	**29**	**33**	**43**	**52**	**57**	**61**
WA	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	2	3	5	6	6	7	7	7	8
OR	(X)	(X)	(X)	(X)	(X)	[1] 1	1	1	1	1	2	2	3	3	4	4	4	4	5
CA	(X)	(X)	(X)	(X)	(X)	[1] 2	2	3	4	6	7	8	11	20	23	30	38	43	45
AK	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	1	1	1
HI	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1	2	2	2

X Not applicable. [1] Assigned after apportionment. [2] Included in apportionment act in anticipation of statehood.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter A (PC80-1-A).

NO. 406. VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES—STATES: 1978 TO 1982

[**In thousands, except percent.** In each State, totals represent the sum of votes cast in each Congressional District or votes cast for Representative at Large in States where only one member is elected. In all years there are numerous districts within the State where either the Republican or Democratic party had no candidate. In some States the Republican and Democratic vote includes votes cast for the party candidate by endorsing parties. See also *Historical Statistics, Colonial Times to 1970*, series Y 211-214]

REGION, DIVISION, AND STATE	1978				1980				1982			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
U.S. [2]	**55,332**	**29,688**	**24,849**	**53.7**	**77,995**	**39,338**	**37,370**	**50.4**	**64,514**	**35,696**	**27,799**	**55.3**
Regions:												
Northeast	13,742	7,425	5,995	54.0	17,733	8,840	8,525	49.9	14,636	8,124	6,240	55.5
Midwest	16,962	8,557	8,285	50.4	23,720	11,443	12,147	51.2	19,088	10,389	8,550	54.3
South [2]	13,018	7,611	5,262	58.2	21,024	11,749	8,985	55.9	16,826	10,225	6,377	60.6
West	11,612	6,095	5,309	52.5	15,522	7,303	7,711	49.7	13,961	6,975	6,631	50.0
N. Eng	**3,887**	**2,301**	**1,463**	**59.2**	**5,054**	**2,697**	**2,287**	**53.4**	**4,180**	**2,390**	**1,733**	**57.2**
ME	370	141	209	56.5	513	138	375	73.1	452	187	261	57.7
NH	258	122	134	51.7	364	177	187	51.3	269	114	154	57.3
VT	121	28	91	75.3	195	-	154	79.2	165	38	114	69.2
MA	1,809	1,249	472	69.0	2,256	1,473	758	65.3	1,890	1,300	561	68.8
RI	308	174	134	56.6	387	214	173	55.3	333	174	158	52.2
CT	1,021	592	423	58.0	1,339	695	640	51.9	1,071	577	485	53.9
Mid. Atl	**9,855**	**5,124**	**4,532**	**52.0**	**12,679**	**6,143**	**6,238**	**49.2**	**10,456**	**5,734**	**4,507**	**54.8**
NY [3]	4,379	2,275	1,983	51.9	5,617	2,771	2,707	49.3	4,681	2,617	1,940	55.9
NJ	1,934	1,044	838	54.0	2,741	1,316	1,369	49.9	2,146	1,206	915	56.2
PA	3,542	1,805	1,711	51.0	4,321	2,056	2,162	50.0	3,629	1,911	1,652	52.7
E. No. Cent	**11,431**	**5,803**	**5,556**	**50.8**	**16,336**	**7,873**	**8,368**	**51.2**	**12,994**	**7,221**	**5,635**	**55.6**
OH	2,780	1,278	1,472	52.9	3,952	1,788	2,136	54.0	3,326	1,807	1,457	54.3
IN	1,449	752	681	51.9	2,189	1,087	1,100	50.2	1,796	882	910	50.7
IL	3,044	1,465	1,577	51.8	4,473	2,049	2,418	54.1	3,613	2,093	1,508	57.9
MI	2,706	1,539	1,150	56.8	3,588	1,877	1,659	52.3	2,808	1,670	1,093	59.4
WI	1,450	769	676	53.0	2,134	1,072	1,055	50.2	1,451	769	667	53.0
W. No. Cent	**5,531**	**2,754**	**2,729**	**49.8**	**7,384**	**3,570**	**3,779**	**51.2**	**6,094**	**3,148**	**2,915**	**51.7**
MN	1,526	779	712	51.1	1,905	906	987	51.8	1,750	956	778	54.6
IA	812	403	406	50.1	1,257	643	609	51.1	1,005	529	475	52.6
MO	1,546	967	576	62.5	2,051	1,110	941	54.1	1,528	872	653	57.0
ND	220	68	148	67.1	293	166	125	56.8	260	187	72	71.6
SD	256	120	135	53.0	320	173	146	54.3	276	142	134	51.6
NE	495	184	311	62.8	625	167	451	72.2	519	116	402	77.5
KS	676	233	441	65.2	933	405	520	55.7	756	346	401	53.0
So. Atl. [2]	**6,484**	**3,887**	**2,541**	**59.9**	**11,026**	**6,095**	**4,817**	**55.3**	**8,367**	**4,950**	**3,345**	**59.2**
DE	158	65	92	58.2	217	81	134	61.8	188	99	87	52.4
MD	924	604	313	65.4	1,403	866	537	61.7	1,091	743	349	68.1
DC	96	77	12	79.5	151	112	21	74.4	113	93	17	83.0
VA	1,057	444	595	56.3	1,553	486	1,005	64.7	1,335	630	690	51.7
WV	443	291	152	65.7	686	391	295	57.0	546	343	202	62.8
NC	1,020	607	406	59.5	1,737	964	769	55.5	1,321	708	580	53.6
SC	577	379	183	65.6	830	408	399	49.2	657	353	295	53.7
GA	589	472	116	80.2	1,355	974	381	71.9	904	670	225	74.1
FL [4] [5]	1,620	948	672	58.5	3,094	1,813	1,276	58.6	2,212	1,311	900	59.3
E. So. Cent	**2,700**	**1,538**	**1,090**	**57.0**	**4,161**	**2,330**	**1,719**	**56.0**	**3,478**	**2,156**	**1,283**	**62.0**
KY	477	265	208	55.5	1,056	610	442	57.8	700	413	280	59.0
TN	1,062	581	449	54.7	1,304	664	619	50.9	1,176	698	470	59.4
AL	642	440	197	68.4	1,012	628	354	62.1	961	677	273	70.4
MS	519	252	236	48.5	789	428	304	54.3	641	368	260	57.5
W. So. Cent	**3,834**	**2,186**	**1,631**	**55.7**	**5,837**	**3,324**	**2,449**	**56.9**	**4,981**	**3,119**	**1,749**	**62.6**
AR [4] [6]	293	98	195	66.6	202	42	159	78.9	759	397	362	52.4
LA [7]	770	472	290	61.3	730	437	290	59.9	517	336	142	65.0
OK [4] [8]	589	331	258	56.2	836	440	391	52.6	856	539	310	63.0
TX	2,182	1,285	888	58.9	4,069	2,405	1,609	59.1	2,849	1,847	935	64.8
Mt	**2,856**	**1,408**	**1,385**	**49.3**	**4,174**	**1,884**	**2,166**	**51.9**	**3,573**	**1,573**	**1,925**	**53.9**
MT	283	143	140	50.6	339	176	162	52.1	317	166	142	52.4
ID	285	118	167	58.6	415	182	233	56.1	321	151	170	53.0
WY	129	54	76	58.6	170	53	116	68.6	159	46	113	71.1
CO	785	369	402	51.2	1,150	506	619	53.9	946	448	485	51.2
NM	285	166	118	58.5	409	176	187	45.9	395	203	192	51.4
AZ	519	282	231	50.4	854	394	434	50.8	711	300	395	55.5
UT	379	163	207	54.5	592	232	352	59.4	490	145	312	63.7
NV	191	133	44	69.5	245	165	63	67.5	234	114	116	49.5
Pac	**8,756**	**4,687**	**3,924**	**53.5**	**11,348**	**5,419**	**5,545**	**48.9**	**10,388**	**5,402**	**4,706**	**52.0**
WA	979	507	451	51.8	1,626	816	793	50.2	1,307	690	604	52.8
OR	874	587	258	67.2	1,106	657	439	59.4	1,015	578	437	56.9
CA	6,526	3,335	3,106	51.1	8,180	3,666	4,179	51.1	7,587	3,815	3,537	50.3
AK	124	55	69	55.4	155	40	114	73.8	181	52	128	70.8
HI	253	203	40	80.1	281	240	20	85.4	298	267	-	89.6

- Represents zero. [1] Includes vote cast for minor parties. [2] Includes vote cast for non-voting Delegate at Large in District of Columbia. [3] Includes votes cast by other endorsing parties for Democratic and Republican candidates. [4] State law does not require tabulation of votes for unopposed candidates. [5] In 1978 Districts 3, 7, 8, 10 and 13 were unopposed; in 1980 District 6 was unopposed; in 1982 Districts 8, 10 and 17 were unopposed. [6] 1978 data for 2nd and 3rd Districts; 1980 data for 2nd District only. [7] Data are for September open primary. [8] In 1978 and 1980 District 3 was unopposed.

Source: Compiled by U.S. Bureau of the Census. Data from Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 407. Representatives Elected, by Percent of Vote Cast for Winner and Major Party, 1970 to 1982, and by State, 1982

Year, region, division, and state	Total representatives elected				Democrats elected				Republicans elected				Representatives elected with no major party opposition		
	Total	Percentage of vote			Total	Percentage of vote			Total	Percentage of vote			Total	Demo-crats	Republi-cans
		Under 55	55–59.9	60 and over		Under 55	55–59.9	60 and over		Under 55	55–59.9	60 and over			
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1972	[1] 435	[1] 67	60	308	242	28	29	185	192	38	31	123	54	46	8
1974	435	105	69	261	291	48	34	209	144	57	35	52	60	59	1
1976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	6
1978	435	74	61	300	277	46	36	195	158	28	25	105	70	51	19
1980	435	78	63	294	243	35	35	173	192	43	28	121	54	39	15
1982, total	**435**	**76**	**73**	**286**	**269**	**40**	**33**	**196**	**166**	**36**	**40**	**90**	**56**	**46**	**10**
Regions:															
Northeast	95	15	16	64	58	8	7	43	37	7	9	21	10	9	1
Midwest	113	18	24	71	62	8	9	45	51	10	15	26	8	6	2
South	142	27	13	102	103	16	4	83	39	11	9	19	34	27	7
West	85	16	20	49	46	8	13	25	39	8	7	24	4	4	–
N. Eng	**24**	**4**	**6**	**14**	**16**	**2**	**4**	**10**	**8**	**2**	**2**	**4**	**4**	**3**	**1**
ME	2	1	–	1	–	–	–	–	2	1	–	1	–	–	–
NH	2	1	–	1	1	1	–	–	1	–	–	1	–	–	–
VT	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
MA	11	–	2	9	10	–	2	8	1	–	–	1	4	3	1
RI	2	–	1	1	1	–	–	1	1	–	1	–	–	–	–
CT	6	2	3	1	4	1	2	1	2	1	1	–	–	–	–
Mid. Atl	**71**	**11**	**10**	**50**	**42**	**6**	**3**	**33**	**29**	**5**	**7**	**17**	**6**	**6**	–
NY	34	4	5	25	20	1	2	17	14	3	3	8	5	5	–
NJ	14	2	2	10	9	1	–	8	5	1	2	2	–	–	–
PA	23	5	3	15	13	4	1	8	10	1	2	7	1	1	–
E. No. Cent	**80**	**10**	**14**	**56**	**44**	**4**	**5**	**35**	**36**	**6**	**9**	**21**	**7**	**6**	**1**
OH	21	1	6	14	10	–	2	8	11	1	4	6	2	2	–
IN	10	2	2	6	5	1	2	2	5	1	–	4	–	–	–
IL	22	5	2	15	12	2	–	10	10	3	2	5	–	–	–
MI	16	2	2	14	12	1	1	10	6	1	1	4	3	3	–
WI	9	–	2	7	5	–	–	5	4	–	2	2	2	1	1
W. No. Cent	**33**	**8**	**10**	**15**	**18**	**4**	**4**	**10**	**15**	**4**	**6**	**5**	**1**	–	**1**
MN	8	4	–	4	5	2	–	3	3	2	–	1	–	–	–
IA	6	–	4	2	3	–	1	2	3	–	3	–	–	–	–
MO	9	3	3	3	6	1	2	3	3	2	1	–	–	–	–
ND	1	–	–	1	1	–	–	1	–	–	–	–	–	–	–
SD	1	1	–	–	1	1	–	–	–	–	–	–	–	–	–
NE	3	–	1	2	–	–	–	–	3	–	1	2	1	–	1
KS	5	–	2	3	2	–	1	1	3	–	1	2	–	–	–
So. Atl	**69**	**17**	**10**	**42**	**50**	**11**	**3**	**36**	**19**	**6**	**7**	**6**	**10**	**7**	**3**
DE	1	1	–	–	1	1	–	–	–	–	–	–	–	–	–
MD	8	1	–	7	7	1	–	6	1	–	–	1	–	–	–
VA	10	6	2	2	4	3	–	1	6	3	2	1	2	1	1
WV	4	1	1	2	4	1	1	2	–	–	–	–	–	–	–
NC	11	4	2	5	9	4	1	4	2	–	1	1	1	–	1
SC	6	2	1	3	3	1	–	2	3	1	1	1	1	1	–
GA	10	–	1	9	9	–	–	9	1	–	1	–	3	3	–
FL	19	2	3	14	13	–	1	12	6	2	2	2	3	2	1
E. So. Cent	**28**	**6**	**1**	**21**	**18**	**2**	**–**	**16**	**10**	**4**	**1**	**5**	**7**	**6**	**1**
KY	7	1	1	5	4	–	–	4	3	1	1	1	1	1	–
TN	9	1	–	8	6	–	–	6	3	1	–	2	2	1	1
AL	7	2	–	5	5	1	–	4	2	1	–	1	3	3	–
MS	5	2	–	3	3	1	–	2	2	1	–	1	1	1	–
W. So. Cent	**45**	**4**	**2**	**39**	**35**	**3**	**1**	**31**	**10**	**1**	**1**	**8**	**17**	**14**	**3**
AR	4	1	–	3	2	–	–	2	2	1	–	1	–	–	–
LA	8	1	–	6	6	–	–	6	2	–	–	2	8	6	2
OK	6	1	–	5	5	1	–	4	1	–	–	1	–	–	–
TX	27	2	2	23	22	2	1	19	5	–	1	4	9	8	1
Mt	**24**	**7**	**5**	**12**	**6**	**2**	**2**	**4**	**16**	**5**	**3**	**8**	–	–	–
MT	2	1	1	–	1	–	1	–	1	1	–	–	–	–	–
ID	2	2	–	–	–	–	–	–	2	2	–	–	–	–	–
WY	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
CO	6	1	1	4	3	1	–	2	3	–	1	2	–	–	–
NM	3	1	1	1	1	–	–	1	2	1	1	–	–	–	–
AZ	5	1	–	4	2	1	–	1	3	–	–	3	–	–	–
UT	3	1	–	2	–	–	–	–	3	1	–	2	–	–	–
NV	2	–	2	–	1	–	1	–	1	–	1	–	–	–	–
Pac	**61**	**9**	**15**	**37**	**38**	**6**	**11**	**21**	**23**	**3**	**4**	**16**	**4**	**4**	–
WA	8	–	2	6	5	–	1	4	3	–	1	2	–	–	–
OR	5	2	2	1	3	1	1	1	2	1	1	–	–	–	–
CA	45	7	11	27	28	5	9	14	17	2	2	13	2	2	–
AK	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
HI	2	–	–	2	2	–	–	2	–	–	–	–	2	2	–

– Represents zero. [1] Includes one Representative elected as an Independent.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 37, No. 13, March 31, 1979, vol. 39, No. 17, April 5, 1981 and vol. 41, No. 7, February 19, 1983 (copyright).

No. 408. Composition of Congress, by Political Party: 1939 to 1984

[D=Democratic, R=Republican. Data for beginning of first session of each Congress, except as noted; exclude vacancies at beginning of session. See also *Historical Statistics, Colonial Times to 1970*, series Y 204-210]

Year	Party and President	Congress	House			Senate		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Roosevelt)	76th	D-261	R-169	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
1947	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-
1949	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-
1951	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-
1953	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955	R (Eisenhower)	84th	D-232	R-203	-	D-48	R-47	1
1957	R (Eisenhower)	85th	D-233	R-200	-	D-49	R-47	-
1959 [1]	R (Eisenhower)	86th	D-284	R-153	-	D-65	R-35	-
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1967	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1969	R (Nixon)	91st	D-243	R-192	-	D-57	R-43	-
1971 [2]	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973 [2 3]	R (Nixon)	93d	D-239	R-192	1	D-56	R-42	2
1975 [4]	R (Ford)	94th	D-291	R-144	-	D-60	R-37	2
1977 [5]	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979 [5]	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981 [5]	R (Reagan)	97th	D-243	R-192	-	R-53	D-46	1
1983	R (Reagan)	98th	D-269	R-165	-	R-54	D-46	-
1984 [6]	R (Reagan)	98th	D-267	R-167	-	R-55	D-45	-

- Represents zero. [1] Includes Hawaii; members seated Aug. 1959. [2] Senate had 1 Independent and 1 Conservative-Republican. [3] House had 1 Independent-Democrat. [4] Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). [5] Senate had 1 Independent. [6] As of beginning of second session.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

No. 409. Congressional Bills, Acts, and Resolutions: 1967 to 1983

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189-198]

Item	90th Cong., 1967-68	91st Cong., 1969-70	92d Cong., 1971-72	93d Cong., 1973-74	94th Cong., 1975-76	95th Cong., 1977-78	96th Cong., 1979-80	97th Cong., 1981-82	98th Cong., 1983
Measures introduced	26,460	26,303	22,969	23,396	21,096	19,387	12,583	11,490	8,024
Bills	24,786	24,631	21,363	21,950	19,762	18,045	11,722	10,582	7,375
Joint resolutions	1,674	1,672	1,606	1,446	1,334	1,342	861	908	649
Measures enacted	1,002	941	768	774	729	803	736	529	221
Public	640	695	607	651	588	633	613	473	215
Private	362	246	161	123	141	170	123	56	6

Source: U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 410. Congressional Bills Vetoed: 1923 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199-203]

Period	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoes sustained	Bills passed over veto
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	635	372	263	626	9
1945-1953	Truman	250	180	70	238	12
1953-1961	Eisenhower	181	73	108	179	2
1961-1963	Kennedy	21	12	9	21	-
1963-1969	Johnson	30	16	14	30	-
1969-1974	Nixon	42	24	18	36	6
1974-1977	Ford	72	53	19	60	12
1977-1981	Carter	31	13	18	29	2
1981-1983	Reagan	22	15	7	19	3

- Represents zero.

Source: U.S. Congress, Senate Library, *Presidential Vetoes . . . 1789-1968*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 411. Composition of Congress, by Political Party Affiliation—States: 1977 to 1984

[Figures are for the beginning of the first session, except as noted. Dem.=Democratic; Rep.=Republican. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Representatives								Senators							
	95th Cong., 1977		96th Cong.,[1] 1979		97th Cong., 1981		98th Cong.,[2 3] 1984		95th Cong.,[4] 1977		96th Cong.,[4] 1979		97th Cong.,[4] 1981		98th Cong.,[2] 1984	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	**292**	**143**	**276**	**157**	**243**	**192**	**267**	**167**	**61**	**38**	**58**	**41**	**46**	**53**	**45**	**55**
Regions:																
Northeast	73	31	69	35	59	45	58	37	10	8	10	8	9	9	9	9
Midwest	68	53	65	55	58	63	61	51	16	8	14	10	10	14	10	14
South	100	34	96	38	87	47	102	40	22	9	22	9	18	13	18	14
West	51	25	46	29	39	37	46	39	13	13	12	14	9	17	8	18
N. Eng	**17**	**8**	**18**	**7**	**16**	**9**	**16**	**8**	**8**	**4**	**7**	**5**	**6**	**6**	**6**	**6**
ME	–	2	–	2	–	2	–	2	2	–	1	1	1	1	1	1
NH	1	1	1	1	1	1	1	1	2	–	1	1	–	2	–	2
VT	–	1	–	1	–	1	–	1	1	1	1	1	1	1	1	1
MA	10	2	10	2	10	2	10	1	1	1	2	–	2	–	2	–
RI	2	–	2	–	1	1	1	1	1	1	1	1	1	1	1	1
CT	4	2	5	1	4	2	4	2	1	1	1	1	1	1	1	1
Mid. Atl	**56**	**23**	**51**	**28**	**43**	**36**	**42**	**29**	**2**	**4**	**3**	**3**	**3**	**3**	**3**	**3**
NY	28	11	26	13	22	17	20	14	1	1	1	1	1	1	1	1
NJ	11	4	10	5	8	7	9	5	1	1	2	–	2	–	2	–
PA	17	8	15	10	13	12	13	10	–	2	–	2	–	2	–	2
E. No. Cent	**48**	**38**	**47**	**38**	**43**	**43**	**43**	**36**	**7**	**3**	**8**	**2**	**6**	**4**	**6**	**4**
OH	10	13	10	13	10	13	10	11	2	–	2	–	2	–	2	–
IN	8	3	7	4	6	5	5	5	1	1	1	1	–	2	–	2
IL	12	12	11	13	10	14	12	10	1	1	1	1	1	1	1	1
MI	11	8	13	6	12	7	12	6	1	1	2	–	2	–	2	–
WI	7	2	6	2	5	4	4	4	2	–	2	–	1	1	1	1
W. No. Cent	**20**	**15**	**18**	**17**	**15**	**20**	**18**	**15**	**9**	**5**	**6**	**8**	**4**	**10**	**4**	**10**
MN	5	3	4	4	3	5	5	3	2	–	–	2	–	2	–	2
IA	4	2	3	3	3	3	3	3	2	–	1	1	–	2	–	2
MO	8	2	8	2	6	4	6	3	1	1	1	1	1	1	1	1
ND	–	1	–	1	1	–	1	–	1	1	1	1	1	1	1	1
SD	–	2	1	1	1	1	1	–	2	–	1	1	–	2	–	2
NE	1	2	1	2	–	3	–	3	1	1	2	–	2	–	2	–
KS	2	3	1	4	1	4	2	3	–	2	–	2	–	2	–	2
So. Atl	**47**	**18**	**48**	**17**	**39**	**26**	**50**	**19**	**10**	**5**	**10**	**5**	**7**	**8**	**7**	**9**
DE	–	1	–	1	–	1	1	–	1	1	1	1	1	1	1	1
MD	5	3	6	2	7	1	7	1	1	1	1	1	1	1	1	1
VA	4	6	4	6	1	9	4	6	–	1	–	1	–	1	–	2
WV	4	–	4	–	2	2	4	–	2	–	2	–	2	–	2	–
NC	9	2	9	2	7	4	9	2	1	1	1	1	–	2	–	2
SC	5	1	4	2	2	4	3	3	1	1	1	1	1	1	1	1
GA	10	–	9	1	9	1	9	1	2	–	2	–	1	1	1	1
FL	10	5	12	3	11	4	13	6	2	–	2	–	1	1	1	1
E. So. Cent	**17**	**10**	**16**	**11**	**16**	**11**	**18**	**10**	**7**	**1**	**6**	**2**	**5**	**3**	**5**	**3**
KY	5	2	4	3	4	3	4	3	2	–	2	–	2	–	2	–
TN	5	3	5	3	5	3	6	3	1	1	1	1	1	1	1	1
AL	4	3	4	3	4	3	5	2	2	–	2	–	1	1	1	1
MS	3	2	3	2	3	2	3	2	2	–	1	1	1	1	1	1
W. So. Cent	**36**	**6**	**32**	**10**	**32**	**10**	**34**	**11**	**5**	**3**	**6**	**2**	**6**	**2**	**6**	**2**
AR	3	1	2	2	2	2	2	2	2	–	2	–	2	–	2	–
LA	6	2	5	3	6	2	6	2	2	–	2	–	2	–	2	–
OK	5	1	5	1	5	1	5	1	–	2	1	1	1	1	1	1
TX	22	2	20	4	19	5	21	6	1	1	1	1	1	1	1	1
Mt	**10**	**9**	**9**	**10**	**7**	**12**	**8**	**16**	**7**	**9**	**6**	**10**	**5**	**11**	**5**	**11**
MT	1	1	1	1	1	1	1	1	2	–	2	–	2	–	2	–
ID	–	2	–	2	–	2	–	2	1	1	1	1	–	2	–	2
WY	1	–	–	1	–	1	–	1	–	2	–	2	–	2	–	2
CO	3	2	3	2	3	2	3	3	2	–	1	1	1	1	1	1
NM	1	1	1	1	–	2	1	2	–	2	–	2	–	2	1	1
AZ	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1
UT	1	1	1	1	–	2	–	3	–	2	–	2	–	2	–	2
NV	1	–	1	–	1	–	1	1	1	1	1	1	1	1	–	2
Pac	**41**	**16**	**37**	**19**	**32**	**25**	**38**	**23**	**6**	**4**	**6**	**4**	**4**	**6**	**3**	**7**
WA	6	1	6	1	5	2	5	3	2	–	2	–	1	1	–	2
OR	4	–	4	–	3	1	3	2	–	2	–	2	–	2	–	2
CA	29	14	25	17	22	21	28	17	1	1	1	1	1	1	1	1
AK	–	1	–	1	–	1	–	1	1	1	1	1	–	2	–	2
HI	2	–	2	–	2	–	2	–	2	–	2	–	2	–	2	–

– Represents zero. [1] California and Wisconsin each had 1 vacancy. [2] As of beginning of second session. [3] Wisconsin had one vacancy.
[4] Virginia had 1 Senator classified Independent.

Source: U.S. Congress, Joint Committee on Printing, Congressional Directory, biennial and unpublished data.

No. 412. Members of Congress—Incumbents Re-elected: 1958 to 1982

Item	Presidential-year elections						Midterm elections						
	1960	1964	1968	1972	1976	1980	1958	1962	1966	1970	1974	1978	1982
Representatives:													
Incumbent candidates	405	397	409	390	384	398	396	402	411	401	391	382	393
Re-elected	375	344	396	365	368	361	356	368	362	379	343	358	354
Percent of candidates	92.6	86.6	96.8	93.6	95.8	90.7	89.9	91.5	88.1	94.5	87.7	93.7	90.0
Defeated: In primaries	[1] 5	8	4	12	3	8	3	12	8	10	8	5	[2] 10
In general elections	25	45	9	13	13	31	37	22	41	12	40	19	29
Senators:													
Incumbent candidates	29	33	28	27	25	29	28	35	32	31	27	25	30
Re-elected	28	28	20	20	16	16	18	29	28	24	23	15	28
Percent of candidates	96.6	84.8	71.4	74.1	64.0	55.2	64.3	82.9	87.5	77.4	85.2	60.0	93.3
Defeated: In primaries	-	1	4	2	-	4	-	1	3	1	2	3	-
In general elections	1	4	4	5	9	9	10	5	1	6	2	7	2

- Represents zero. [1] Excludes one Representative defeated in primary who was subsequently the party's nominee after primary victor's death. [2] Six incumbents defeated in primaries by other incumbents due to redistricting.

Source: Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 38, Nos. 14 and 45, April 5 and Nov. 8, 1980 and vol. 40, Nos. 45 and 49, Nov. 6 and Dec. 4, 1982. (Copyright.)

No. 413. Members of Congress—Selected Characteristics: 1971 to 1983

[As of beginning of first session of each Congress. Figures for Representatives exclude vacancies]

Members of Congress and year	Male	Female	Black	Married	Not married [1]	Age (in years)					
						Under 40	40-49	50-59	60-69	70-79	80 and over
Representatives											
92d Cong., 1971	421	12	12	407	26	40	133	152	86	19	3
93d Cong., 1973	419	14	15	399	34	45	132	154	80	20	2
94th Cong., 1975	416	19	15	381	54	69	138	137	75	14	2
95th Cong., 1977	417	18	16	379	56	81	121	147	71	15	-
96th Cong., 1979	417	16	16	364	69	86	125	145	63	14	-
97th Cong., 1981	416	19	17	349	86	94	142	132	54	12	1
98th Cong., 1983	413	21	21	366	68	86	145	132	57	13	1
Senators											
92d Cong., 1971	99	1	1	97	3	4	24	32	23	16	1
93d Cong., 1973	100	-	1	96	4	3	25	37	23	11	1
94th Cong., 1975 [2]	100	-	1	94	6	5	21	35	24	15	-
95th Cong., 1977	100	-	1	91	9	6	26	35	21	10	2
96th Cong., 1979	99	1	-	95	5	10	31	33	17	8	1
97th Cong., 1981	98	2	-	93	7	9	35	36	14	6	-
98th Cong., 1983	98	2	-	90	10	7	28	39	20	3	3

- Represents zero. [1] Single, widowed, or divorced. [2] Includes Senator Durkin, NH, seated Sept. 1975.

No. 414. Members of Congress—Seniority and Occupation: 1979 to 1984

[As of beginning of first session of each Congress, except as noted. Dem.=Democratic; Rep.=Republican]

Seniority and occupation	Representatives						Senators					
	96th Cong., 1979	97th Cong., 1981	98th Cong., 1983 [1]	98th Cong., 1984 [2]			96th Cong., 1979	97th Cong., 1981	98th Cong., 1983	98th Cong., 1984 [2]		
				Total	Dem.	Rep.				Total	Dem.	Rep.
Total	[3] 435	435	[4] 435	[4] 435	267	167	100	100	100	100	45	55
Seniority: [5]												
Less than 2 years	80	77	83	84	59	25	20	19	5	6	2	4
2-9 years	206	231	224	227	134	93	41	51	61	60	25	35
10-19 years	105	96	88	85	44	41	23	17	21	23	9	14
20-29 years	32	23	28	28	20	8	12	11	10	9	7	2
30 years or more	10	8	11	10	10	-	4	2	3	2	2	-
Occupation: [6]												
Agriculture	19	28	29	29	13	16	6	9	9	9	2	7
Business or banking	127	134	139	141	74	67	29	28	35	35	14	21
Education	57	59	43	44	29	15	7	10	12	13	5	8
Journalism	11	21	21	22	13	9	2	7	7	7	5	2
Law	205	194	201	199	133	66	65	59	61	60	31	29
Public service/politics	41	52	49	49	36	13	12	13	2	3	-	3

- Represents zero. [1] Data have been adjusted for the subsequent switching of parties by one Representative and the Representative elected to fill the vacancy created by the death of Representative Rosenthal. [2] As of second session. [3] Includes 3 vacancies. [4] Includes one vacancy. [5] Represents consecutive years of service. [6] Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 41 No. 4, Jan. 29, 1983, and previous issues (copyright), and unpublished data. Members of Congress may state more than 1 occupation; therefore, sum may be greater than total.

Source of tables 413 and 414: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

NO. 415. NUMBER OF GOVERNORS, BY POLITICAL PARTY AFFILIATION: 1960 TO 1984

[Reflects results of elections in previous year and holdover incumbents]

YEAR	Democratic	Republican	YEAR	Democratic	Republican	Independent	YEAR	Democratic	Republican	Independent
1960	34	16	1969	20	30	–	1977	37	12	1
1962	34	16	1970	18	32	–	1978	37	12	1
1963	34	16	1971	29	21	–	1979	32	18	–
1964	34	16	1972	30	20	–	1980	31	19	–
1965	33	17	1973	31	19	–	1981	27	23	–
1966	33	17	1974	32	18	–	1982	27	23	–
1967	25	25	1975	36	13	1	1983	34	16	–
1968	24	26	1976	36	13	1	1984	35	15	–

– Represents zero.

Source: National Governors' Association, Washington, DC, *Governors of the American States, Commonwealths, and Territories,* annual. (Copyright.)

NO. 416. VOTE CAST FOR AND GOVERNOR ELECTED, BY STATE: 1976 TO 1982

[**In thousands, except percent.** D=Democratic, R=Republican]

DIVISION AND STATE	1976		1978		1980		1982		Candidate elected at most recent election
	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	
N. Eng.:									
ME	(x)	(x)	370	D-47.7	(x)	(x)	460	D-61.1	Joseph E. Brennan
NH	343	R-57.7	270	D-49.4	384	D-59.0	283	R-51.4	John H. Sununu
VT	186	R-59.4	124	R-62.8	210	R-58.6	169	R-55.0	Richard A. Snelling
MA	(x)	(x)	1,962	D-52.5	(x)	(x)	2,050	D-59.5	Michael S. Dukakis
RI	399	D-54.8	314	D-62.8	406	D-73.7	337	D-73.3	J. Joseph Garrahy
CT	(x)	(x)	1,037	D-59.2	(x)	(x)	1,084	D-53.3	William A. O'Neill
Mid. Atl.:									
NY	(x)	(x)	4,769	D-50.9	(x)	(x)	5,255	D-50.9	Mario M. Cuomo
NJ [2]	2,126	D-55.7	(x)	(x)	2,317	R-49.5	(x)	(x)	Thomas H. Kean
PA	(x)	(x)	3,743	R-52.5	(x)	(x)	3,684	R-50.8	Richard Thornburgh
E. No. Cent.:									
OH	(x)	(x)	2,843	R-49.3	(x)	(x)	3,357	D-59.0	Richard F. Celeste
IN	2,175	R-56.8	(x)	(x)	2,178	R-57.7	(x)	(x)	Robert D. Orr
IL	4,639	R-64.7	3,150	R-59.0	(x)	(x)	3,674	R-49.4	James R. Thompson
MI	(x)	(x)	2,867	R-56.8	(x)	(x)	3,040	D-51.4	James J. Blanchard
WI	(x)	(x)	1,501	R-54.4	(x)	(x)	1,580	D-56.7	Anthony S. Earl
W. No. Cent.:									
MN	(x)	(x)	1,586	R-52.3	(x)	(x)	1,786	D-58.8	Rudy Perpich
IA	(x)	(x)	843	R-58.3	(x)	(x)	1,038	R-52.8	Terry E. Branstad
MO	1,934	D-50.2	(x)	(x)	2,088	R-52.6	(x)	(x)	Christopher S. Bond
ND	297	D-51.6	(x)	(x)	303	R-53.6	(x)	(x)	Allen I. Olson
SD	(x)	(x)	260	R-56.6	(x)	(x)	279	R-70.9	William J. Janklow
NE	(x)	(x)	492	R-55.9	(x)	(x)	548	D-50.6	Bob Kerrey
KS	(x)	(x)	736	D-49.4	(x)	(x)	763	D-53.2	John Carlin
So. Atl.:									
DE	230	R-56.9	(x)	(x)	225	R-70.6	(x)	(x)	Pierre S. du Pont
MD	(x)	(x)	1,012	D-71.0	(x)	(x)	1,139	D-62.0	Harry Hughes
VA [2]	1,251	R-55.9	(x)	(x)	1,421	D-53.5	(x)	(x)	Charles S. Robb
WV	749	D-66.2	(x)	(x)	742	D-54.1	(x)	(x)	John D. Rockefeller, IV
NC	1,664	D-65.0	(x)	(x)	1,847	D-61.9	(x)	(x)	James B. Hunt, Jr.
SC	(x)	(x)	627	D-61.4	(x)	(x)	672	D-69.8	Richard W. Riley
GA	(x)	(x)	663	D-80.7	(x)	(x)	1,169	D-62.8	Joe Frank Harris
FL	(x)	(x)	2,530	D-55.6	(x)	(x)	2,689	D-64.7	Robert Graham
E. So. Cent.:									
KY [3]	748	D-62.8	939	D-59.4	(x)	(x)	1,031	D-54.5	Martha L. Collins
TN	(x)	(x)	1,190	R-55.6	(x)	(x)	1,239	R-59.6	Lamar Alexander
AL	(x)	(x)	760	D-72.6	(x)	(x)	1,129	D-57.6	George C. Wallace
MS [3]	708	D-52.2	677	D-61.1	(x)	(x)	743	D-55.1	William A. Allain
W. So. Cent.:									
AR	727	D-83.2	529	D-63.3	839	R-51.9	789	D-54.7	Bill Clinton
LA	[4] 1,203	[4] 62.4	[5] 1,372	[5] R-50.3	(x)	(x)	[6] 1,616	[6] 62.3	Earle Edwards
OK	(x)	(x)	777	D-51.7	(x)	(x)	893	D-62.1	George Nigh
TX	(x)	(x)	2,370	R-50.0	(x)	(x)	3,191	D-53.2	Mark White
Mt.:									
MT	317	D-61.7	(x)	(x)	360	D-55.4	(x)	(x)	Ted Schwinden
ID	(x)	(x)	289	D-74.5	(x)	(x)	327	D-50.6	John V. Evans
WY	(x)	(x)	138	D-50.9	(x)	(x)	169	D-63.1	Ed Herschler
CO	(x)	(x)	824	D-58.8	(x)	(x)	956	D-65.7	Richard D. Lamm
NM	(x)	(x)	346	D-50.5	(x)	(x)	407	D-53.0	Toney Anaya
AZ	(x)	(x)	539	D-52.5	(x)	(x)	726	D-62.5	Bruce Babbitt
UT	540	D-52.0	(x)	(x)	600	D-55.2	(x)	(x)	Scott M. Matheson
NV	(x)	(x)	192	R-56.2	(x)	(x)	240	D-53.4	Richard H. Bryan
Pac.:									
WA	1,546	D-53.1	(x)	(x)	1,731	R-56.7	(x)	(x)	John Spellman
OR	(x)	(x)	911	R-54.7	(x)	(x)	1,042	R-61.4	Victor Atiyeh
CA	(x)	(x)	6,922	D-56.0	(x)	(x)	7,877	R-49.3	George Deukmejian
AK	(x)	(x)	127	R-39.1	(x)	(x)	195	D-46.1	Bill Sheffield
HI	(x)	(x)	282	D-54.5	(x)	(x)	312	D-45.2	George R. Ariyoshi

X Not applicable. [1] Includes minor party and scattered votes. [2] Voting years 1977 and 1981. [3] Voting years 1975, 1979, and 1983. [4] Primary election, Nov. 1975, held on a non-party basis. [5] Dec. 1979 vote. [6] Primary election, Oct. 1983, held on a non-party basis. Winner was Democratic.

Source: Elections Research Center, Washington, DC, *America Votes,* biennial and unpublished data. (Copyright.)

No. 417. Composition of State Legislatures, by Political Party Affiliation: 1976 to 1982

[Data reflect election results in year shown for most States; and, except as noted, results in previous year for other States. Figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators]

STATE	LOWER HOUSE								UPPER HOUSE							
	1976 [1] [2]		1978 [3] [4]		1980 [5] [6]		1982 [7] [8]		1976 [2] [9]		1978 [4] [10]		1980 [6] [11]		1982 [7] [12]	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	**3,772**	**1,783**	**3,454**	**2,027**	**3,289**	**2,190**	**3,429**	**2,006**	**1,306**	**618**	**1,260**	**669**	**1,182**	**742**	**1,210**	**725**
AL [13]	103	2	101	4	100	4	97	8	34	–	35	–	35	–	32	3
AK [14]	25	15	25	14	22	16	19	21	12	8	9	11	11	9	9	11
AZ [15]	22	38	18	42	17	43	21	39	16	14	14	16	14	16	12	18
AR [14]	95	5	94	6	93	7	93	7	34	1	35	–	34	1	32	3
CA [14]	57	23	50	30	48	32	48	32	26	14	25	14	23	17	25	14
CO [14]	30	35	27	38	26	39	25	40	17	18	13	22	13	22	14	21
CT [15]	91	60	103	48	83	68	87	64	22	14	26	10	22	13	23	13
DE [14]	26	15	20	21	16	25	24	17	13	8	13	8	12	9	13	8
FL [14]	93	27	89	31	81	39	84	36	30	9	29	11	27	13	32	8
GA [13]	156	24	160	20	156	23	156	24	52	4	51	5	51	5	49	7
HI [14]	41	10	42	9	39	12	43	8	18	7	18	7	17	8	20	5
ID [13]	22	48	20	50	14	56	19	51	15	20	16	19	12	23	14	21
IL [14]	94	83	89	88	86	91	70	48	34	25	32	27	30	29	33	26
IN [14]	48	52	46	54	35	63	43	57	28	22	21	29	15	35	18	32
IA [14]	59	41	44	56	42	58	60	40	26	24	21	29	22	28	28	22
KS [14]	65	60	56	69	53	72	53	72	19	21	19	21	16	24	16	24
KY [14]	78	22	75	25	75	24	76	24	29	9	29	9	29	9	28	10
LA [13]	101	4	98	9	95	10	93	11	38	1	39	–	39	–	38	1
ME [16]	89	62	77	73	84	67	92	59	12	21	13	19	16	17	23	10
MD [13]	125	15	125	16	125	15	124	17	39	8	40	7	40	7	41	6
MA [13]	192	44	129	30	128	31	129	29	34	6	34	6	32	7	33	7
MI [14]	68	42	70	40	64	46	63	47	24	14	24	14	24	14	20	18
MN [14]	100	34	67	67	70	64	77	57	48	19	47	20	45	22	42	25
MS [13]	117	3	116	4	115	4	116	5	50	2	48	4	48	4	49	3
MO [14]	112	51	117	46	111	52	110	53	22	12	22	12	23	10	22	12
MT [14]	57	43	55	45	43	57	55	45	25	25	26	24	21	29	24	26
NE	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)
NV [14]	35	5	26	14	26	14	23	19	17	3	15	5	15	5	17	4
NH [15]	175	219	170	223	160	238	158	237	12	12	11	13	10	13	9	15
NJ [14]	54	26	44	36	43	37	44	36	27	13	27	13	22	18	23	17
NM [14]	48	22	41	29	41	29	46	24	33	9	32	10	22	20	23	19
NY [13]	87	58	86	64	86	63	97	52	21	36	25	35	25	35	26	35
NC [13]	114	6	106	14	95	24	102	18	47	3	44	6	40	10	44	6
ND [14]	50	50	29	71	27	73	55	51	18	32	15	35	10	40	21	32
OH [14]	62	37	62	37	54	45	62	37	21	12	18	15	15	18	17	16
OK [14]	79	22	75	26	73	28	76	25	39	9	38	10	37	11	34	14
OR [14]	37	23	34	26	33	27	36	24	24	6	23	7	22	8	21	9
PA [14]	118	84	100	102	100	103	103	100	28	20	28	22	23	25	23	27
RI [15]	83	17	84	16	82	18	85	15	45	5	46	4	43	7	29	21
SC [14]	111	12	107	16	107	17	103	20	43	3	43	3	41	5	39	6
SD [13]	22	48	22	48	21	49	16	54	12	23	11	24	10	25	9	26
TN [14]	66	32	60	38	57	39	60	37	23	9	20	12	20	12	22	11
TX [14]	131	19	127	23	114	35	114	36	27	4	26	5	23	7	26	5
UT [14]	35	40	24	51	17	58	17	58	17	12	10	19	7	22	5	24
VT [13]	75	74	69	79	64	86	65	83	9	21	10	20	14	16	13	17
VA [14]	76	21	74	25	66	33	65	34	35	5	31	9	31	9	32	8
WA [14]	62	36	49	49	42	56	54	44	29	20	30	19	24	25	26	23
WV [14]	91	9	74	26	78	22	87	13	28	6	26	8	27	7	31	3
WI [14]	66	33	60	37	59	39	59	40	22	11	21	12	19	14	19	14
WY [14]	29	32	20	42	23	39	25	38	12	18	11	19	11	19	11	19

– Represents zero. [1] Excludes 1 Independent each for MS, NY, TN, VT, and WY; 3 Independents each for MA and VA; 1 vacancy each for MD, MA, MS, PA, and SC; 4 vacancies for NY, and 6 vacancies for NH. [2] Status as of January 1976; includes elections held and vacancies filled in 1977. [3] Excludes 1 Independent each for ME, MA, TN, and VA; 1 Libertarian for AK; 2 Independent-Republicans for MS; 2 Independents for VT; 1 vacancy each for PA and SC; 2 vacancies for WI; and 7 vacancies for NH. [4] Status as of January 1980; includes elections held and vacancies filled in 1979.

[5] Excludes 1 Independent each for MD, MA, and VA; 2 Independents each for MS and TN; 2 Libertarians for AK; 1 vacancy each for AL, GA, KY, MS, NY, NC, TN, TX, and WI; and 2 vacancies each for IN and NH. [6] Status as of late 1981; includes elections held and vacancies filled in 1981. [7] Status as of August 1983, except for KY, LA, MS, NJ, and VA which are as of Jan. 1984 and reflect elections held in 1983. [8] Excludes 1 Independent each for LA, TN, VA, and WY; 2 Independents for NH; 1 vacancy each for MS, NY, SC, and TN; 2 vacancies each for MA and VT; and 3 vacancies for NH. [9] Excludes 1 Independent each for AL, FL, and TN; 2 vacancies for PA, and 3 vacancies for NY. [10] Excludes 1 Independent each for ME and TN; and 1 vacancy for CA.

[11] Excludes 1 Independent each for MA and TN; 1 vacancy each for CT, MO, NH, and TX; and 2 vacancies for PA.

[12] Excludes 1 Independent for CA and 1 vacancy for SC.

[13] Members of both houses serve 4-year terms.

[14] Upper House members serve 4-year terms and Lower House members serve 2-year terms. [15] Members of both houses serve 2-year terms. [16] Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, KY, *Book of the States*, and its *Supplement I*, both biennial. (Copyright.)

No. 418. Black Elected Officials, by Office, 1970 to 1984, and by Region and State, 1984

[As of January 1984, no Black elected officials had been identified in Idaho, Montana, New Hampshire, North Dakota, or South Dakota. For composition of regions, see fig. I, inside front cover]

Year, region, division, and state	Total	U.S. and State legislatures [1]	City and county offices [2]	Law enforcement [3]	Education [4]
1970 (Feb.)	1,472	182	715	213	362
1972 (Mar.)	2,264	224	1,108	263	669
1973 (Apr.)	2,621	256	1,264	334	767
1974 (Apr.)	*2,991*	*256*	*1,602*	340	793
1975 (Apr.)	3,503	299	1,878	387	939
1976 (Apr.)	3,979	299	2,274	412	994
1977 (July)	*4,311*	*316*	*2,497*	447	1,051
1978 (July)	4,503	316	2,595	454	1,138
1979 (July)	4,584	315	2,647	486	1,136
1980 (July)	*4,890*	*326*	*2,832*	526	1,206
1981 (July)	5,014	343	2,863	549	1,259
1982 (July)	5,115	342	2,951	563	1,259
1983 (July)	5,559	386	3,197	607	1,369
1984 (Jan.)	**5,654**	**396**	**3,259**	**636**	**1,363**
Region:					
Northeast	688	70	252	98	268
Midwest	1,137	93	677	131	236
South	3,498	206	2,240	322	730
West	331	27	90	85	129
N. Eng	**111**	**22**	**60**	**3**	**26**
Maine	2	–	2	–	–
Vermont	1	1	–	–	–
Massachusetts	32	6	16	–	10
Rhode Island	7	4	2	–	1
Connecticut	69	11	40	3	15
Mid. Atl	**577**	**48**	**192**	**95**	**242**
New York	240	22	39	42	137
New Jersey	196	7	100	–	89
Pennsylvania	141	19	53	53	16
E. No. Cent	**941**	**70**	**551**	**113**	**207**
Ohio	199	13	119	27	40
Indiana	67	9	49	3	6
Illinois	359	24	236	26	71
Michigan	297	20	137	53	87
Wisconsin	19	4	8	4	3
W. No. Cent	**196**	**23**	**126**	**18**	**29**
Minnesota	9	1	3	3	2
Iowa	5	1	–	1	3
Missouri	151	16	109	12	14
Nebraska	4	1	1	–	2
Kansas	27	4	13	2	8
So. Atl	**1,480**	**107**	**1,065**	**64**	**244**
Delaware	22	3	10	–	9
Maryland	91	25	50	11	5
District of Columbia	252	1	242	–	9
Virginia	107	7	93	7	–
West Virginia	19	1	16	2	–
North Carolina	294	12	191	12	79
South Carolina	263	21	187	5	70
Georgia	301	25	199	17	60
Florida	131	12	97	10	12
E. So. Cent	**934**	**62**	**573**	**132**	**167**
Kentucky	57	4	33	6	14
Tennessee	133	14	80	17	22
Alabama	314	24	206	39	45
Mississippi	430	20	254	70	86
W. So. Cent	**1,084**	**37**	**602**	**126**	**319**
Arkansas	296	5	150	40	101
Louisiana	438	13	255	58	112
Oklahoma	122	5	92	2	23
Texas	228	14	105	26	83
Mt	**48**	**10**	**17**	**7**	**14**
Wyoming	2	1	–	–	1
Colorado	15	3	3	4	5
New Mexico	6	–	5	–	1
Arizona	14	2	6	1	5
Utah	1	1	–	–	–
Nevada	10	3	3	2	2
Pac	**283**	**17**	**73**	**78**	**115**
Washington	15	2	6	2	5
Oregon	7	2	2	2	1
California	258	12	65	74	107
Alaska	2	1	–	–	1
Hawaii	1	–	–	–	1

– Represents zero. [1] Includes elected State administrators. [2] County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. [3] Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other. [4] Members of State education agencies, college boards, school boards and other.

Source: Joint Center for Political Studies, Washington, DC, Black Elected Officials: A National Roster, annual. (Copyright.)

No. 419. Hispanic State Legislators and Mayors—States: 1983

[As of July. For States not shown, no Hispanic State legislators or mayors had been identified. For composition of regions, see figure I, inside front cover]

Region, division, and state	Total	State legislators	Mayors [1]
U.S	**115**	**108**	**7**
Region:			
Northeast	9	9	–
Midwest	6	6	–
South	32	27	5
West	68	66	2
N. Eng	**1**	**1**	**–**
CT	1	1	–
Mid. Atl	**8**	**8**	**–**
NY	7	7	–
NJ	1	1	–
E. No. Cent	**2**	**2**	**–**
IN	1	1	–
IL	1	1	–
W. No. Cent	**4**	**4**	**–**
MN	2	2	–
KS	2	2	–
So. Atl	**7**	**4**	**3**
FL	7	4	3
W. So. Cent	**25**	**23**	**2**
TX	25	23	2
Mt	**59**	**57**	**2**
MT	2	2	–
CO	8	7	1
NM	36	35	1
AZ	13	13	–
Pac	**9**	**9**	**–**
WA	1	1	–
CA	7	7	–
HI	1	1	–

– Represents zero. [1] Covers cites of 30,000 population or more. Incomplete data.

Source: National Association of Latino Elected and Appointed Officials, Washington, DC, unpublished data.

No. 420. Women Holding State and Local Public Offices, by Office, 1975 to 1982, and by State, 1982

[As of **August**. For data on women in U.S. Congress, see table 413]

Year and state	Total	State legislature	County commission	Mayoralty	Townships and local councils	State	Total	State legislature	County commission	Mayoralty	Townships and local councils
1975	7,089	[1] 702	456	566	5,365	Michigan	2,619	16	[3] 129	[5] 129	[5 6] 2,345
1977	11,392	[1] 806	656	735	9,195	Minnesota	553	24	[3] 13	62	454
1979	14,353	[1] 947	947	998	11,461	Mississippi	191	2	[3] 8	[3] 18	[3] 163
1980	16,083	763	1,144	1,333	12,843	Missouri	331	22	[3] 22	24	263
1981	16,585	908	1,205	1,680	12,792	Montana	133	17	[3] 10	[3] 11	[3] 95
1982	**16,881**	**911**	**1,397**	**1,670**	**12,903**	Nebraska	235	5	18	27	185
Percent [2]	9	12	8	6	10	Nevada	19	7	[3] 4	[3] 1	[3] 7
Alabama	338	6	[3] 9	24	299	New Hampshire	216	123	4	15	74
Alaska	199	6	[3] 12	[3] 11	[3 4] 170	New Jersey	443	9	20	36	378
Arizona	117	16	[3] 7	[3] 8	[3] 86	New Mexico	99	7	[3] 11	11	70
Arkansas	331	5	[3] 64	25	237	New York	141	19	113	[4] –	[4] 9
California	477	12	61	[3] 66	[3] 338	North Carolina	377	23	34	47	273
Colorado	350	23	14	27	286	North Dakota	190	18	8	[3] 18	[3] 146
Connecticut	275	44	(x)	27	204	Ohio	1,007	10	18	[5] 48	[5] 931
Delaware	65	9	3	10	43	Oklahoma	303	12	[3] 6	[3] 39	[3] 246
District of Columbia	6	(x)	(x)	[3] –	[3] 6	Oregon	334	20	[3] 17	[3] 31	[3] 266
Florida	351	17	[3] 38	28	268	Pennsylvania	207	11	18	[4] 36	[4] 142
Georgia	267	17	41	19	190	Rhode Island	57	15	(x)	[3] –	[3] 42
						South Carolina	185	11	[3] 21	[3] 12	[3] 141
Hawaii	20	14	[3] 4	[3] 1	[3] 1	South Dakota	171	11	[3] 13	[3] 23	[3] 124
Idaho	149	10	[3] 8	19	112	Tennessee	212	6	85	13	108
Illinois	668	31	[3 4] 117	[3] 66	[3 4] 454	Texas	698	12	27	68	591
Indiana	351	12	57	[3 5] 200	[3 5] 82	Utah	135	8	[3] 3	12	112
Iowa	722	18	[3] 25	48	631	Vermont	117	40	(x)	[3] 19	[3] 58
Kansas	553	22	26	[3] 118	[3] 387	Virginia	245	11	38	[3] 13	[3] 183
Kentucky	457	10	[3] 25	[3] 45	[3] 377	Washington	352	34	12	34	272
Louisiana	160	2	[3] 20	[3] 15	[3] 123	West Virginia	207	16	8	17	166
Maine	256	42	4	51	159	Wisconsin	479	20	185	[4 5] 21	[4 5] 253
Maryland	177	30	[3] 9	14	124	Wyoming	98	17	3	12	66
Massachusetts	238	19	5	51	163						

– Represents zero. X Not applicable. [1] Includes all major State appellate courts and trial courts: 92 in 1975, 110 in 1977, and 177 in 1979. [2] Percent of all officeholders. Base includes all States for which information has been coded, even though some States' numbers represent only partial data. [3] 1981 data. [4] Incomplete reporting. [5] Township trustees counted as "mayor." [6] 1981 data for townships.

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, NJ, information releases.

No. 421. Participation in Elections for President and U.S. Representatives: 1932 to 1982

[Population estimated, as of **November**. Resident population 21 years old and over, 1932–1970, except as noted, and 18 and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. District of Columbia is included in votes cast for President beginning 1964 and in votes cast for Representative beginning 1972]

Year	Resident population (incl. aliens) of voting age [1] (1,000)	Votes cast: For President [2] (1,000)	Votes cast: Percent of voting age population	Votes cast: For U.S. Representatives [2] (1,000)	Votes cast: Percent of voting age population	Year	Resident population (incl. aliens) of voting age [1] (1,000)	Votes cast: For President [2] (1,000)	Votes cast: Percent of voting age population	Votes cast: For U.S. Representatives [2] (1,000)	Votes cast: Percent of voting age population
1932	75,768	39,732	52.4	37,657	49.7	1958	106,447	(x)	(x)	45,818	43.0
1934	77,997	(x)	(x)	32,256	41.4	1960	109,672	68,838	62.8	64,133	58.5
1936	80,174	45,643	56.0	42,886	53.5	1962	112,952	(x)	(x)	51,267	45.4
1938	82,354	(x)	(x)	36,236	44.0	1964	114,090	70,645	61.9	65,895	57.8
1940	84,728	49,900	58.9	46,951	55.4	1966	116,638	(x)	(x)	52,908	45.4
1942	86,465	(x)	(x)	28,074	32.5	1968	120,285	73,212	60.9	66,288	55.1
1944	85,654	47,977	56.0	45,103	52.7	1970	124,498	(x)	(x)	54,173	43.5
1946	92,659	(x)	(x)	34,398	37.1	1972	140,777	77,719	55.2	71,430	50.7
1948	95,573	48,794	51.1	45,933	48.1	1974	146,338	(x)	(x)	52,495	35.9
1950	98,134	(x)	(x)	40,342	41.1	1976	152,308	81,556	53.5	74,422	48.9
1952	99,929	61,551	61.6	57,571	57.6	1978	158,369	(x)	(x)	55,332	34.9
1954	102,075	(x)	(x)	42,580	41.7	1980	164,473	86,515	52.6	77,995	47.4
1956	104,515	62,027	59.3	58,426	55.9	1982	169,785	(x)	(x)	64,514	38.0

X Not applicable. [1] Population 18 and over in Georgia, 1944–1970, and in Kentucky, 1956–1970; 19 and over in Alaska and 20 and over in Hawaii, 1960–1970. [2] Source: 1932–1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election.*

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 948 and earlier reports; and, beginning 1960, Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 422. Resident Population of Voting Age, 1976 to 1984, and by Selected Characteristics, 1980 and 1984—States

[**In thousands, except percent.** Estimated population, 18 years old and over, as of **November,** except as noted. Includes Armed Forces stationed in each State, aliens, and institutional population. For composition of regions see fig. 1 inside front cover]

Region, division, and state	1976	1978	1980	1982	1984						1980,[1] percent of voting-age population	
					Total	18–24 years	25–44 years	45–64 years	65 yr. and over	Percent female of total	Black	Spanish origin[2]
U.S.	**152,308**	**156,369**	**164,473**	**169,785**	**173,936**	**28,994**	**72,166**	**44,586**	**28,190**	**52.3**	**10.5**	**5.5**
Region:												
Northeast	35,354	35,868	36,271	36,952	37,495	5,988	14,836	10,121	6,550	53.4	8.9	4.5
Midwest	40,248	41,373	42,177	42,735	43,035	7,231	17,626	10,917	7,261	52.4	8.1	1.8
South	49,113	51,645	54,504	57,079	59,153	10,053	24,495	15,134	9,471	52.4	16.7	5.2
West	27,592	29,483	31,520	33,019	34,253	5,722	15,208	8,414	4,909	51.0	4.9	12.2
N.E	**8,711**	**8,956**	**9,142**	**9,351**	**9,520**	**1,587**	**3,839**	**2,434**	**1,661**	**53.1**	**3.4**	**1.9**
ME	759	791	810	830	848	138	338	220	153	52.4	.3	.4
NH	593	638	671	699	722	121	309	177	115	52.2	.4	.5
VT	337	353	370	381	391	68	169	91	63	52.3	.2	.6
MA	4,132	4,213	4,277	4,358	4,422	760	1,775	1,108	779	53.6	3.4	1.9
RI	689	707	709	723	733	124	280	191	139	53.5	2.5	1.8
CT	2,201	2,254	2,304	2,359	2,404	376	968	648	412	52.8	6.0	3.1
M.A	**26,643**	**26,912**	**27,130**	**27,601**	**27,974**	**4,401**	**10,997**	**7,686**	**4,889**	**53.4**	**10.7**	**5.4**
NY	12,892	12,912	12,929	13,142	13,326	2,146	5,294	3,634	2,253	53.7	12.4	8.3
NJ	5,220	5,326	5,418	5,551	5,659	875	2,257	1,578	950	53.2	11.0	5.7
PA	8,531	8,673	8,783	8,909	8,989	1,381	3,446	2,475	1,686	53.3	8.1	1.0
E.N.C	**28,459**	**29,251**	**29,762**	**30,093**	**30,244**	**5,106**	**12,484**	**7,736**	**4,917**	**52.5**	**9.8**	**2.1**
OH	7,461	7,638	7,738	7,818	7,846	1,290	3,201	2,068	1,287	52.8	9.2	.9
IN	3,692	3,812	3,890	3,942	3,969	681	1,633	1,015	640	52.5	6.8	1.3
IL	7,939	8,132	8,230	8,344	8,410	1,406	3,480	2,163	1,361	52.6	12.9	4.6
MI	6,214	6,406	6,529	6,543	6,530	1,129	2,755	1,632	1,014	52.2	11.7	1.4
WI	3,163	3,263	3,375	3,446	3,490	602	1,415	858	616	51.9	3.2	1.1
W.N.C	**11,780**	**12,122**	**12,415**	**12,642**	**12,792**	**2,125**	**5,142**	**3,161**	**2,343**	**52.2**	**4.1**	**1.0**
MN	2,726	2,823	2,931	3,001	3,044	525	1,279	720	520	51.8	1.1	.6
IA	2,026	2,075	2,097	2,113	2,119	335	838	534	412	52.4	1.2	.7
MO	3,408	3,499	3,576	3,636	3,682	608	1,446	942	686	53.0	9.3	.9
ND	442	455	466	480	491	83	201	119	88	50.0	.4	.5
SD	469	480	487	494	498	83	192	127	97	51.3	.3	.5
NE	1,081	1,108	1,130	1,151	1,163	192	467	288	216	52.1	2.6	1.4
KS	1,628	1,661	1,728	1,766	1,794	298	720	451	325	51.9	4.8	2.2
S.A	**24,586**	**25,832**	**27,252**	**28,482**	**29,512**	**4,908**	**11,963**	**7,658**	**4,982**	**52.6**	**16.5**	**3.2**
DE	412	426	431	445	457	85	186	118	68	52.8	14.2	1.3
MD	2,920	3,014	3,082	3,176	3,259	572	1,397	839	451	52.5	20.8	1.4
DC	525	515	494	489	482	85	208	115	74	54.8	65.8	2.8
VA	3,613	3,794	3,924	4,075	4,203	756	1,810	1,063	574	51.8	17.5	1.4
WV	1,314	1,363	1,398	1,419	1,433	208	560	387	257	52.6	3.2	.6
NC	3,907	4,066	4,272	4,429	4,559	794	1,888	1,183	694	52.5	20.3	.9
SC	1,993	2,104	2,213	2,309	2,386	437	1,018	597	335	52.4	27.3	1.0
GA	3,494	3,667	3,872	4,049	4,204	760	1,825	1,034	584	52.6	24.3	1.1
FL	6,408	6,862	7,566	8,090	8,529	1,210	3,052	2,323	1,945	52.9	11.3	8.5
E.S.C	**9,624**	**10,048**	**10,392**	**10,658**	**10,861**	**1,640**	**4,433**	**2,787**	**1,802**	**52.8**	**17.4**	**.8**
KY	2,434	2,528	2,594	2,654	2,700	462	1,115	683	440	52.1	6.6	.7
TN	3,033	3,179	3,320	3,408	3,476	567	1,436	903	570	52.8	14.2	.7
AL	2,554	2,669	2,755	2,823	2,875	485	1,160	749	482	53.2	12.9	.8
MS	1,603	1,672	1,722	1,772	1,810	325	722	452	309	53.1	31.0	.9
W.S.C	**14,904**	**15,766**	**16,861**	**17,940**	**18,779**	**3,305**	**8,099**	**4,689**	**2,687**	**51.8**	**13.4**	**11.3**
AR	1,502	1,575	1,626	1,661	1,694	266	657	435	336	52.8	14.1	.7
LA	2,623	2,760	2,916	3,050	3,147	583	1,352	777	436	52.4	26.6	2.3
OK	1,990	2,081	2,202	2,345	2,452	409	1,007	634	401	52.0	6.0	1.5
TX	8,789	9,350	10,117	10,883	11,487	2,047	5,083	2,843	1,514	51.5	11.1	17.7
Mt	**6,834**	**7,413**	**8,058**	**8,537**	**8,926**	**1,529**	**3,984**	**2,158**	**1,257**	**50.9**	**2.2**	**10.9**
MT	519	548	560	576	591	92	254	148	96	50.7	.2	1.0
ID	567	612	645	665	681	108	301	164	109	50.6	.3	3.2
WY	267	296	332	353	365	59	178	86	42	48.7	.7	4.4
CO	1,838	1,974	2,121	2,256	2,365	418	1,121	544	281	50.8	3.2	9.8
NM	783	841	899	951	997	182	428	250	136	51.4	1.7	33.1
AZ	1,611	1,766	1,962	2,091	2,200	361	914	548	376	51.4	2.5	13.3
UT	791	858	938	993	1,040	200	479	292	128	51.1	.7	3.6
NV	457	520	602	652	689	110	307	185	88	49.6	5.3	5.8
Pac	**20,758**	**22,070**	**23,462**	**24,481**	**25,326**	**4,193**	**11,225**	**6,256**	**3,652**	**51.1**	**5.8**	**12.7**
WA	2,601	2,792	3,037	3,136	3,202	510	1,438	760	494	50.9	2.4	2.3
OR	1,679	1,808	1,928	1,953	1,961	279	871	465	346	51.5	1.2	2.0
CA	15,598	16,546	17,525	18,357	19,063	3,194	8,391	4,775	2,703	51.3	7.1	16.1
AK	257	269	276	310	345	72	186	70	15	46.2	3.4	2.1
HI	624	657	696	725	755	135	336	187	94	48.7	1.9	6.0

[1] Based on enumerated population as of April 1. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 916 and 948.

No. 423. Voter Registration and Persons Voting, by State: 1976 and 1980

[For 1976, total persons voting restricted to number of ballots recorded by Secretaries of State as having been cast for any electoral office or referendum; or in those States which do not count total number of ballots (which are noted), the largest number of votes cast for a particular office. For 1980, total persons voting are total votes cast for President]

Division and State	Persons registered: Total (1,000)		Persons registered: Percent of voting-age population [1]		Persons voting as percent of registered	
	1976	1980	1976	1980	1976	1980
U.S. [2]	105,827	112,945	70.4	70.3	77.1	74.3
N.E	6,584	7,020	75.6	76.8	82.8	77.9
ME	696	760	91.7	93.8	[3] 69.8	68.8
NH	478	551	80.6	82.1	75.1	69.6
VT	284	312	84.3	84.3	68.3	68.4
MA	2,912	3,143	70.5	73.5	89.1	80.3
RI	545	547	79.1	77.2	[4] 75.4	76.0
CT	1,669	1,706	75.8	74.0	84.4	82.4
M.A	17,719	17,385	66.5	64.1	80.9	79.0
NY	8,199	7,870	63.6	60.9	81.3	78.8
NJ	3,770	3,761	72.2	69.4	80.6	79.1
PA	5,750	5,754	67.4	65.5	[4] 80.4	79.3
E.N.C	21,723	[3] 20,769	76.3	[2] 78.7	78.9	73.1
OH	4,693	5,887	62.9	76.1	89.4	72.8
IN	3,010	2,944	81.5	75.7	75.7	76.1
IL	6,252	6,212	78.8	75.5	77.4	76.5
MI	5,202	5,726	83.7	87.7	71.5	68.3
WI	2,566	[5]	81.1	(x)	[4] 32.0	(x)
W.N.C. [2]	8,906	9,970	78.6	83.4	79.7	74.4
MN	2,566	2,787	94.1	95.1	77.5	73.6
IA	1,407	1,747	69.4	83.3	[4] 90.9	75.4
MO	2,553	2,841	74.9	79.4	[4] 76.5	73.9
ND	[5]	[5]	(x)	(x)	(x)	(x)
SD	426	448	90.8	92.0	[4] 70.7	73.2
NE	841	856	77.8	75.8	74.2	74.9
KS	1,113	1,291	68.4	74.7	[4] 86.1	75.9
S.A	15,790	17,285	64.2	63.4	72.3	72.8
DE	301	301	73.1	69.8	[4] 78.4	78.5
MD	1,950	2,065	66.8	67.0	[4] 73.8	74.6
S.A.—Con.						
DC	268	289	51.0	58.5	63.6	60.7
VA	2,124	2,309	58.8	58.8	80.8	80.8
WV	1,084	1,095	82.5	74.0	[3] 69.3	71.3
NC	2,554	2,775	65.4	65.0	[4] 65.7	66.9
SC	1,113	1,236	55.8	55.9	72.1	72.4
GA	2,302	2,467	65.9	63.7	63.7	64.7
FL	4,094	4,810	63.9	63.6	[4] 77.0	76.7
E.S.C	[2] 5,490	7,789	[2] 68.4	75.0	[2] 69.7	66.1
KY	1,713	1,803	70.4	69.5	[4] 68.1	71.8
TN	1,912	2,359	63.0	71.1	[4] 77.2	68.6
AL	1,865	2,142	73.0	77.7	[4] 63.4	62.6
MS	[5]	1,486	(x)	86.3	(x)	60.1
W.S.C	10,607	11,314	71.2	67.1	68.1	71.4
AR	1,021	1,189	68.0	73.1	[4] 75.2	70.5
LA	1,866	2,015	71.1	69.1	[4] 68.5	76.8
OK	1,401	1,469	70.4	66.7	79.1	78.2
TX	6,319	6,640	71.9	65.6	[4] 64.4	68.4
Mt	4,892	5,585	72.9	69.3	77.9	77.8
MT	455	496	87.7	88.6	74.5	73.3
ID	520	581	91.7	90.1	68.3	75.3
WY	195	219	73.0	66.0	82.1	80.5
CO	1,349	1,434	73.4	67.6	[4] 80.2	82.6
NM	527	653	67.3	72.6	80.8	70.0
AZ	980	1,121	60.8	57.1	78.1	78.0
UT	705	782	89.1	83.4	77.7	77.3
NV	251	289	54.9	49.5	82.1	83.1
Pac	14,037	15,828	67.6	67.5	79.8	75.6
WA	2,065	2,237	79.4	73.7	76.8	77.9
OR	1,420	1,569	84.6	81.4	73.9	75.3
CA	9,982	11,361	64.0	64.8	81.5	75.6
AK	207	259	80.5	93.8	61.8	61.2
HI	363	403	58.2	57.9	85.1	75.3

X Not applicable. [1] Based on Bureau of the Census estimated resident voting-age population, see table 422. [2] Excludes States for which data were not available. [3] Total vote for largest race, Senator. [4] Total vote for largest race, President. [5] No required statewide registration; excluded from totals for persons registered.

Source: National Republican Congressional Committee, Washington, DC, unpublished data.

No. 424. Voter Registration in 11 Southern States, by Race: 1960 to 1984

[**In thousands, except percent.** For **1960** and **1970**, population 21 years and over, except Georgia, 18 years and over; beginning **1975**, population 18 years and over for all Southern States]

Year and race	Total	AL	AR	FL	GA	LA	MS	NC	SC	TN	TX	VA
1960: White	12,276	860	518	1,819	1,020	993	478	1,861	481	1,300	2,079	867
Black	1,463	66	73	183	180	159	22	210	58	185	227	100
Percent of—												
White voting age pop	61.1	63.6	60.9	69.3	56.8	76.9	63.9	92.1	57.1	73.0	42.5	46.1
Black voting age pop.[1]	29.1	13.7	38.0	39.4	29.3	31.1	5.2	39.1	13.7	59.1	35.5	23.1
1970: White	16,985	1,311	728	2,495	1,615	1,143	690	1,640	668	1,600	3,599	1,496
Black	3,357	315	153	302	395	319	286	305	221	242	550	269
1976: White	21,690	1,544	817	3,480	1,703	1,445	[2] 866	2,137	828	1,886	5,191	1,794
Black	[3] 4,149	[3] 321	[3] 204	410	[3] 598	421	[2 3] 286	396	285	[3] 271	[3] 640	[3] 317
1980: White	24,981	1,700	1,056	4,331	1,800	1,550	1,152	2,314	916	2,200	6,020	1,942
Black	4,254	350	130	489	450	465	330	440	320	300	620	360
Percent of—												
White voting age pop	71.9	81.4	76.9	67.7	63.0	74.8	98.9	70.1	58.5	78.5	75.1	62.2
Black voting age pop	55.8	55.8	57.2	58.3	48.6	60.7	62.3	51.3	53.7	64.0	56.0	53.2
1982: White	22,868	1,657	964	4,200	1,907	1,491	1,055	2,161	862	1,998	4,753	1,820
Black	4,302	437	145	500	467	468	340	436	321	310	548	330
1984: [4] White	24,744	1,664	[5] 964	4,337	1,787	1,600	1,144	2,369	848	[5] 2,082	6,042	1,908
Black	4,948	482	[3 5] 155	517	512	534	[3] 406	565	331	[3 5] 348	[3] 720	[3] 378
Percent of—												
White voting age pop	66.5	74.3	[5] 65.4	64.0	58.3	71.8	91.4	67.2	60.5	[5] 69.3	70.2	57.0
Black voting age pop	58.5	69.2	[3 5] 60.9	55.5	49.8	62.5	[3] 68.2	59.7	49.8	[3 5] 67.1	[3] 59.1	[3] 50.7

[1] Includes other minority races. [2] 1975 data. [3] Estimated. [4] As of May. [5] 1983 data.

Source: Voter Education Project, Inc., Atlanta, GA, *Voter Registration in the South*, issued irregularly.

No. 425. Percent of Voting-Age Population Casting Votes—States: 1972 to 1982

[As of **November**. For total resident voting-age population, see table 422. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Percent casting votes for presidential electors			Percent casting votes for U.S. representatives			Region, division, and state	Percent casting votes for presidential electors			Percent casting votes for U.S. representatives		
	1972	1976	1980	1978	1980	1982		1972	1976	1980	1978	1980	1982
U.S	**55.2**	**53.5**	**52.6**	**34.9**	**47.4**	**38.0**	**So. Atl.**—Con.						
Region:							Maryland	49.8	49.3	50.0	30.7	45.5	34.4
Northeast	58.3	55.2	53.0	38.3	48.9	39.6	District of Col	30.4	32.2	35.4	18.6	30.6	23.1
Midwest	60.8	60.0	59.7	41.0	56.2	44.7	Virginia	44.7	47.0	47.6	27.9	39.6	32.8
South	45.6	47.2	47.4	25.2	38.6	29.5	West Virginia	62.5	57.2	52.8	32.5	49.1	38.5
West	*59.4*	*53.2*	*51.8*	*39.4*	*49.2*	*42.3*	North Carolina	42.8	43.0	43.4	25.0	40.7	29.8
New Eng	**62.9**	**61.4**	**59.8**	**43.4**	**55.3**	**44.7**	South Carolina	38.2	40.3	40.4	27.4	37.5	28.5
Maine	60.3	63.7	64.6	46.8	63.3	54.5	Georgia	37.3	42.0	41.2	16.1	35.0	22.3
New Hampshire	63.6	57.3	57.2	40.4	54.2	38.5	Florida	48.6	49.2	48.7	[1] 23.6	[1] 40.9	[1] 27.3
Vermont	60.7	55.7	57.6	34.3	52.7	43.3							
Massachusetts	62.0	61.7	59.0	42.9	52.7	43.4	**E. So. Cent**	**44.7**	**47.8**	**49.5**	**26.9**	**40.0**	**32.6**
Rhode Island	61.0	59.7	58.7	43.6	54.6	46.1	Kentucky	48.0	48.0	49.9	18.9	40.7	26.4
Connecticut	66.2	62.8	61.0	45.3	58.1	45.4	Tennessee	43.5	48.7	48.7	33.4	39.3	34.5
							Alabama	43.3	46.3	48.7	24.1	36.7	34.0
Mid. Atl	**56.9**	**53.2**	**50.6**	**36.6**	**46.7**	**37.9**	Mississippi	44.2	48.0	51.9	31.0	45.8	36.2
New York	56.3	50.7	48.0	33.9	43.4	35.6							
New Jersey	59.8	57.7	54.9	36.3	50.6	38.7	**W. So. Cent**	**46.7**	**48.4**	**47.9**	**24.3**	**34.6**	**27.8**
Pennsylvania	56.0	54.2	51.9	40.8	49.2	40.7	Arkansas	48.1	51.1	51.5	[1] 18.6	[1] 12.4	45.7
							Louisiana	44.0	48.7	53.1	27.9	25.0	17.0
E. No. Cent	**60.2**	**59.0**	**58.7**	**39.1**	**54.9**	**43.2**	Oklahoma	56.7	54.9	52.2	[1] 28.3	[1] 38.0	36.5
Ohio	57.3	55.1	55.4	36.4	51.1	42.5	Texas	45.0	46.3	44.9	23.3	40.2	26.2
Indiana	60.8	60.1	57.6	38.0	56.3	45.6							
Illinois	62.3	59.4	57.7	37.4	54.3	43.3	**Mt**	**58.3**	**55.8**	**53.9**	**38.5**	**51.8**	**41.9**
Michigan	59.4	58.8	59.9	42.3	55.0	42.9	Montana	67.6	63.3	65.0	51.6	60.5	55.0
Wisconsin	62.5	66.5	67.3	44.4	63.2	42.1	Idaho	63.3	60.7	67.8	46.6	64.3	48.3
							Wyoming	64.4	58.6	53.3	43.6	51.2	45.0
W. No. Cent	**62.2**	**62.4**	**62.2**	**45.6**	**59.5**	**48.2**	Colorado	59.5	58.8	55.8	39.8	54.2	41.9
Minnesota	68.6	71.5	70.0	54.1	65.0	58.3	New Mexico	57.7	53.4	50.8	33.9	45.5	41.5
Iowa	64.0	63.1	62.9	39.1	59.9	47.6	Arizona	47.4	46.1	44.5	29.4	43.5	34.0
Missouri	57.3	57.3	58.7	44.2	57.4	42.0	Utah	69.4	68.4	64.4	44.2	63.1	49.3
North Dakota	68.3	67.2	64.8	48.4	62.9	54.2	Nevada	49.5	44.2	41.2	36.7	40.7	35.9
South Dakota	69.4	64.1	67.4	53.3	65.7	55.9							
Nebraska	56.4	56.2	56.7	44.7	55.3	45.1	**Pac**	**59.7**	**52.4**	**51.0**	**39.7**	**48.4**	**42.4**
Kansas	59.5	58.8	56.7	40.2	54.0	42.8	Washington	63.1	59.8	57.4	35.1	53.5	41.7
							Oregon	62.1	61.3	61.3	48.3	57.4	52.0
So. Atl	**45.3**	**46.3**	**46.2**	**25.1**	**40.5**	**29.4**	California	59.5	50.4	49.0	39.4	46.7	41.3
Delaware	62.1	57.2	54.8	37.1	50.3	42.2	Alaska	46.9	48.1	57.2	46.1	56.2	58.4
							Hawaii	49.4	46.7	43.5	38.5	40.4	41.1

[1] State law does not require tabulation of votes for unopposed candidates.

Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports, series P-25, No. 948*; votes cast from Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 426. Voting-Age Population, and Percent Reporting Registered and Voted: 1974 to 1982

[See headnote, table 427]

Characteristic	Voting-age population (mil.)					Percent reporting they registered					Percent reporting they voted				
	1974	1976	1978	1980	1982	1974	1976	1978	1980	1982	1974	1976	1978	1980	1982
Total	**141.3**	**146.5**	**151.6**	**157.1**	**165.5**	**62.2**	**66.7**	**62.6**	**66.9**	**64.1**	**44.7**	**59.2**	**45.9**	**59.2**	**48.5**
White	125.1	129.3	133.4	137.7	143.6	63.5	68.3	63.8	68.4	65.6	46.3	60.9	47.3	60.9	49.9
Black	14.2	14.9	15.6	16.4	17.6	54.9	58.5	57.1	60.0	59.1	33.8	48.7	37.2	50.5	43.0
Spanish origin [1]	6.1	6.6	6.8	8.2	8.8	34.9	37.8	32.9	36.3	35.3	22.9	31.8	23.5	29.9	25.3
Male	66.4	69.0	71.5	74.1	78.0	62.8	67.1	62.6	66.6	63.7	46.2	59.6	46.6	59.1	48.7
Female	74.9	77.6	80.2	83.0	87.4	61.7	66.4	62.5	67.1	64.4	43.4	58.8	45.3	59.4	48.4
Region: [2]															
Northeast	33.3	33.9	35.1	35.5	36.4	62.2	65.9	62.3	64.8	62.5	48.7	59.5	48.1	58.5	49.8
Midwest	38.1	39.2	40.3	41.5	41.9	66.6	72.3	68.2	73.8	71.1	49.3	65.1	50.5	65.8	54.7
South	44.8	47.1	48.8	50.6	55.4	59.8	64.6	60.1	64.8	61.7	36.0	54.9	39.6	55.6	41.8
West	25.0	26.2	27.5	29.5	31.9	59.8	63.2	59.1	63.3	60.6	48.1	57.5	47.5	57.2	50.7
18–20 yr	11.6	12.1	12.2	12.3	12.1	36.4	47.1	34.7	44.7	35.0	20.8	38.0	20.1	35.7	19.8
21–24 yr	14.1	14.8	15.5	15.9	16.7	45.3	54.8	45.1	52.7	47.8	26.4	45.6	26.2	43.1	28.4
25–44 yr	51.7	54.3	57.5	61.3	66.9	59.9	65.5	60.2	65.6	61.5	42.2	58.7	43.1	58.7	45.4
45–64 yr	43.0	43.3	43.4	43.6	44.2	73.6	75.5	74.3	75.8	75.6	56.9	66.7	58.5	69.3	62.2
65 yr. and over	21.0	22.0	23.0	24.1	25.6	70.2	71.4	72.8	74.6	75.2	51.4	62.2	55.9	65.1	59.9
Employed	83.1	86.0	93.2	95.0	97.2	63.8	68.8	63.0	68.7	65.5	46.8	62.0	46.7	61.8	50.0
Unemployed	5.0	6.4	4.9	6.9	10.8	44.4	52.1	44.1	50.3	49.8	28.8	43.7	27.4	41.2	34.1
Not in labor force	53.2	54.1	53.5	55.2	57.5	61.3	65.2	63.4	65.8	64.3	43.0	56.5	46.2	57.0	48.7

[1] Persons of Spanish origin may be of any race. [2] For composition see fig. I, inside front cover.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 383 and earlier reports.

No. 427. Participation in National Elections, 1964 to 1982, and by Population Characteristics, 1982

[As of **November**. Covers civilian noninstitutional population 18 years old and over, except 1964–1970, 21 years old and over (see also footnote 1, table 421). Includes aliens. Figures are based on Current Population Survey (see text, p. 2, and Appendix III) and differ from those in tables 421 and 425 based on population estimates and official vote counts. Differences in percentages may also be due to overreporting of voting (reluctance of some persons in the sample who actually did not vote to so report)]

Year and characteristic	Persons of voting age (mil.)	Persons reporting they registered		Persons reporting they voted		Persons reporting they did not vote				Percent of voting age population not a citizen
		Total (mil.)	Percent	Total (mil.)	Percent	Total [1] (mil.)	Registered (mil.)	Not registered [1] Number (mil.)	Not registered [1] Percent	
1964	110.6	(NA)	(NA)	76.7	69.3	33.9	(NA)	(NA)	(NA)	(NA)
1966	112.8	79.3	70.3	62.5	55.4	50.3	16.8	33.1	29.3	2.0
1968	116.5	86.6	74.3	79.0	67.8	37.6	7.6	30.0	25.7	2.3
1970	120.7	82.2	68.1	65.9	54.6	54.8	16.3	38.5	31.9	2.5
1972	136.2	98.5	72.3	85.8	63.0	50.4	12.7	37.7	27.7	2.6
1974	141.3	87.9	62.2	63.2	44.7	78.1	24.7	53.4	37.8	2.8
1976	146.5	97.8	66.7	86.7	59.2	59.9	11.1	48.8	33.3	3.0
1978	151.6	94.9	62.6	69.6	45.9	82.1	25.3	56.8	37.4	3.5
1980	157.1	105.0	66.9	93.1	59.2	64.0	12.0	52.1	33.1	4.0
1982, total [2]	**165.5**	**106.0**	**64.1**	**80.3**	**48.5**	**85.2**	**25.7**	**59.5**	**35.9**	**4.3**
Male	78.0	49.7	63.7	38.0	48.7	40.0	11.7	28.3	36.3	4.2
Female	87.4	56.3	64.4	42.3	48.4	45.2	14.0	31.2	35.6	4.3
White	143.6	94.2	65.6	71.7	49.9	71.9	22.5	49.4	34.4	3.4
Black	17.6	10.4	59.1	7.8	43.0	10.0	2.8	7.2	40.9	3.2
Spanish origin [3]	8.8	3.1	35.3	2.2	25.3	6.5	.9	5.7	64.7	31.8
18–20 yr. old	12.1	4.2	35.0	2.4	19.8	9.7	1.8	7.9	65.0	5.2
21–24 yr. old	16.7	8.0	47.8	4.7	28.4	12.0	3.3	8.7	52.2	4.7
25–34 yr. old	38.8	22.1	57.1	15.7	40.4	23.1	6.5	16.6	42.9	5.6
35–44 yr. old	28.1	19.0	67.5	14.7	52.2	13.5	4.3	9.1	32.5	5.3
45–64 yr. old	44.2	33.4	75.6	27.5	62.2	16.7	5.9	10.8	24.4	3.1
65 yr. and over	25.6	19.2	75.2	15.3	59.9	10.3	3.9	6.4	24.8	2.3
Median age [4] (yr.)	40.4	44.8	(X)	47.0	(X)	34.1	38.0	33.1	(X)	(X)
Region: [5]										
Northeast	36.4	22.7	62.5	18.1	49.8	18.3	4.6	13.6	37.5	4.8
Midwest	41.9	29.8	71.1	22.9	54.7	19.0	6.9	12.1	28.9	1.9
South	55.4	34.2	61.7	23.1	41.8	32.2	11.0	21.2	38.3	3.0
West	31.9	19.3	60.6	16.2	50.7	15.7	3.2	12.5	39.4	9.0
Metropolitan [6]	113.1	70.8	62.6	54.6	48.3	56.5	16.2	42.3	37.4	5.6
In central cities	46.8	28.3	60.4	22.1	47.2	24.7	6.2	18.5	39.6	7.1
Outside central cities	66.2	42.4	64.1	32.5	49.1	33.7	10.0	23.8	35.9	4.5
Nonmetropolitan	52.4	35.2	67.2	25.7	49.1	26.7	9.5	17.2	32.8	1.5
School years completed:										
8 yr. or less	22.4	11.7	52.3	8.0	35.7	14.4	3.7	10.7	47.7	10.6
High school:										
1–3 yr	22.3	11.9	53.3	8.4	37.7	13.9	3.5	10.4	46.7	3.5
4 yr.	65.2	41.0	62.9	30.7	47.1	34.5	10.3	24.2	37.1	3.0
College:										
1–3 yr	28.8	20.1	70.0	15.3	53.3	13.4	4.8	8.6	30.0	3.0
4 yr. or more	26.9	21.3	79.4	17.9	66.5	9.0	3.5	5.5	20.6	4.1
Civilian labor force [2]	108.0	69.0	63.9	52.3	48.4	55.7	16.8	39.0	36.1	4.1
Employed	97.2	63.7	65.5	48.6	50.0	48.6	15.1	33.6	34.5	3.9
Agriculture	3.3	2.1	63.5	1.6	48.1	1.7	.5	1.2	36.6	8.4
Nonagriculture industries	94.0	61.6	65.6	47.0	50.1	46.9	14.6	32.4	34.4	3.8
Private wage and salary workers	70.9	43.8	61.7	32.4	45.7	38.5	11.4	27.1	38.3	4.4
Government workers	15.5	12.4	79.8	10.3	66.5	5.2	2.1	3.1	20.2	1.5
Self-employed [7]	7.6	5.4	72.1	4.3	57.0	3.3	1.1	2.1	27.9	3.3
Unemployed	10.8	5.4	49.8	3.7	34.1	7.1	1.7	5.4	50.2	5.6
White-collar workers [2]	53.4	38.8	72.7	30.9	57.8	22.5	7.9	14.6	27.3	2.7
Professional, technical	17.3	13.4	77.3	11.1	63.9	6.3	2.3	3.9	22.7	3.0
Managers and administrators [8]	11.7	8.8	74.8	7.0	59.5	4.8	1.8	3.0	25.2	2.3
Clerical and kindred workers	18.0	12.2	67.8	9.4	52.2	8.6	2.8	5.8	32.2	2.7
Blue-collar workers [2]	28.2	15.7	55.8	11.0	39.1	17.2	4.7	12.5	44.2	5.1
Craft and kindred workers	12.0	7.3	60.3	5.3	43.7	6.8	2.0	4.8	39.7	3.4
Operatives, except transport	8.9	4.6	52.1	3.1	35.5	5.7	1.5	4.3	47.9	8.5
Service workers	13.0	7.4	56.9	5.3	41.1	7.7	2.0	5.6	43.1	5.7
Farm workers	2.6	1.7	66.7	1.3	51.3	1.3	.4	.9	33.3	8.4
Not in labor force	57.5	37.0	64.3	28.0	48.7	29.5	8.9	20.5	35.7	4.5
Owner occupied [9]	44.5	34.4	77.2	27.7	62.2	16.8	6.7	10.2	22.8	2.1
Renter occupied [9]	16.0	7.6	47.4	5.1	31.9	10.9	2.5	8.4	52.6	8.4

NA Not available. X Not applicable. [1] Includes do not know and not reported. [2] Includes characteristics not shown separately. [3] Persons of Spanish origin may be of any race. [4] For definition of median, see Guide to Tabular Presentation. [5] For composition of regions, see fig. I, inside front cover. [6] Standard metropolitan statistical areas as defined in 1970 census publications. [7] Includes unpaid family workers. [8] Excludes persons on farms. [9] Covers family households only; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 383 and earlier reports.

No. 428. Presidential Campaign Finances—Primary and General Election Receipts and Expenditures, by Political Party: 1975–1976

[**In millions of dollars.** Covers **Jan. 1, 1975–Dec. 31, 1976.** Based on disclosure documents submitted by candidates, their *principal campaign committees, and other authorized committees. Figures adjusted to eliminate refunds and rebates, refunded* contributions, loan repayments, and transfers to or from affiliated committees]

RECEIPTS AND EXPENDITURES	PRESIDENTIAL CAMPAIGN				PRIMARY CAMPAIGN			GENERAL ELECTION CAMPAIGN			
	Total	Democratic	Republican	Other [1]	Total	Democratic	Republican	Total	Democratic	Republican	Other [1]
Receipts, total	**114.0**	**61.7**	**50.2**	**2.0**	**67.9**	**39.6**	**28.3**	**46.1**	**22.1**	**22.0**	**2.0**
Private funds [2]	46.1	25.4	18.7	2.0	43.6	25.1	18.5	2.5	.3	.2	2.0
U.S. Treasury funds [3]	67.9	36.3	31.6	–	24.3	14.5	9.7	43.6	21.8	21.8	–
Expenditures, total	**112.8**	**62.9**	**48.0**	**2.0**	**66.9**	**40.7**	**26.2**	**45.9**	**22.2**	**21.8**	**2.0**

– Represents zero. [1] Covers candidates who were on the ballot in 10 or more States. Included under general election since a majority of their financial activity was directed toward that area. [2] Covers contributions, outstanding loans, interest, and miscellaneous income. [3] Represents matching funds given to qualified candidates in the primary campaign and grant funds to the Democratic and Republican party candidates in the general election.

Source: U.S. Federal Election Commission, FEC Disclosure Series, No. 7: 1976 Presidential Campaign Receipts and Expenditures, 1977.

No. 429. Presidential Campaign Finances—Primary Campaign Receipts and Disbursements and Federal Funds for General Election: 1979–1980

[**In millions of dollars.** Covers **Jan. 1, 1979–Dec. 31, 1980.** See headnote, table 428]

RECEIPTS AND DISBURSEMENTS	PRIMARY CAMPAIGN [1]				CANDIDATE	General election—net Federal funds distributed
	Total		Democratic	Republican		
	Amount	Percent				
Receipts, total [2]	**94.2**	**100.0**	**35.6**	**58.5**	**Total**	**62.6**
Individual contributions	61.0	64.8	23.9	37.1		
Federal matching funds	30.9	32.8	10.3	20.5	Anderson [3]	4.2
					Carter	29.4
Disbursements	92.3	100.0	35.6	56.7	Reagan	29.2

[1] Covers 10 candidates who received Federal matching funds (Democrats: Edmund Brown, James Carter, Edward Kennedy, and Lyndon LaRouche; Republicans: John Anderson, Howard Baker, George Bush, Phillip Crane, Robert Dole, and Ronald Reagan). [2] Includes other types of receipts, not shown separately. [3] John Anderson, as the candidate of a new party, was permitted to raise funds privately. Total receipts for the Anderson campaign, including Federal funds, were 17.1 million dollars and total expenditures were *15.0 million dollars.*

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity 1979–1980, Final Report, Presidential Pre-Nomination Campaigns,* October 1981, and November 1981 press release on public financing 1980 Presidential election.

No. 430. Independent Expenditures for Presidential and Congressional Campaigns: 1979–1980 and 1981–1982

[**In thousands of dollars.** Covers campaign finance activity during 2 year calendar period indicated. An "independent expenditure" is money spent to support or defeat a clearly identified candidate. According to Federal election law, such an expenditure must be made without cooperation or consultation with the candidate or his/her campaign. Independent expenditures are not limited *as are contributions*]

TYPE OF OFFICE	ALL PARTIES			DEMOCRATS		REPUBLICANS		OTHERS	
	Total	For	Against	For	Against	For	Against	For	Against
1979–1980, total	**16,084**	**13,893**	**2,191**	**441**	**2,057**	**13,180**	**122**	**272**	**11**
President	13,745	12,933	813	123	797	12,538	65	272	11
Congress	2,339	960	1,378	318	1,320	642	57	(Z)	–
Senate	1,654	359	1,295	127	1,282	232	12	–	–
House of Representatives	685	601	83	191	38	410	45	(Z)	–
1981–1982, total Congress	**5,557**	**1,140**	**4,417**	**357**	**3,953**	**783**	**465**	**–**	**–**
Senate	3,934	418	3,516	129	3,118	289	399	–	–
House of Representatives	1,623	722	901	228	835	494	66	–	–

– Represents zero. Z Less than $500.

Source: U.S. Federal Election Commission, *1979–80 FEC Index of Independent Expenditures,* 1981; *FEC Reports On Financial Activity, 1979–1980 Final Report on U.S. Senate and House Campaigns,* 1982; and *FEC Reports on Financial Activity, 1981–1982, Interim Report No. 3, U.S. Senate and House Campaigns,* May 1983.

No. 431. Congressional Campaign Finances—Receipts and Disbursements: 1977 to 1982

[Covers all campaign finance activity during 2 year calendar period indicated for primary, general, run-off, and special elections. For 1977–1978, relates to 1,655 House of Representatives candidates and to 254 Senate candidates; for 1979–1980 to 1,944 House of Representatives candidates and to 344 Senate candidates and for 1981–1982 to 1,956 House of Representatives candidates and to 283 Senate candidates. Except for 1981–1982 data, receipts and disbursements have been adjusted to eliminate transfers between all committees within a campaign]

ITEM	HOUSE OF REPRESENTATIVES						SENATE					
	Amount (mil. dol.)			Percent distribution			Amount (mil. dol.)			Percent distribution		
	1977–1978	1979–1980	1981–1982	1977–1978	1979–1980	1981–1982	1977–1978	1979–1980	1981–1982	1977–1978	1979–1980	1981–1982
Total receipts [1]	**113.9**	**144.0**	**214.0**	**100.0**	**100.0**	**100.0**	**85.5**	**104.8**	**142.6**	**100.0**	**100.0**	**100.0**
Contributions:												
$101–$499	11.1	(NA)	(NA)	9.7	(NA)	(NA)	8.5	(NA)	(NA)	9.9	(NA)	(NA)
$500 and over	14.6	21.9	(NA)	12.8	15.2	(NA)	18.3	25.6	(NA)	21.4	24.4	(NA)
Party committee	5.0	4.8	6.0	4.4	3.3	2.8	1.2	1.2	1.2	1.4	1.1	.8
Non-party committee	24.4	37.9	60.8	21.4	26.3	28.4	9.7	17.3	22.4	11.3	16.5	15.7
Democrats	63.7	71.9	109.1	55.9	49.9	51.0	42.6	54.6	69.2	49.8	52.1	48.5
Republicans	49.4	70.9	104.6	43.4	49.2	48.9	42.4	49.7	73.0	49.6	47.4	51.2
Others	.8	1.2	.3	.7	.8	.1	.5	.4	.4	.6	.4	.3
Incumbents	46.6	72.5	111.9	40.9	50.3	52.3	30.0	38.5	56.1	35.1	36.7	39.3
Challengers	32.1	44.4	53.5	28.2	30.8	25.0	30.1	47.8	48.2	35.2	45.6	33.8
Open seats [2]	35.2	27.1	48.6	30.9	18.8	22.7	25.4	18.5	38.3	29.7	17.7	26.9
Total disbursements	**109.6**	**136.0**	**204.5**	**100.0**	**100.0**	**100.0**	**85.2**	**102.9**	**139.3**	**100.0**	**100.0**	**100.0**
Democrats	61.3	67.8	103.2	55.9	49.9	50.5	42.1	53.8	67.1	49.4	52.1	48.2
Republicans	47.5	67.1	101.0	43.3	49.3	49.4	42.6	48.9	71.8	50.0	47.5	51.5
Others	.8	1.1	.3	.7	.8	.1	.5	.4	.4	.6	.4	.3
Incumbents	43.1	65.7	103.7	39.3	48.3	50.7	30.2	37.8	53.9	35.4	36.7	38.7
Challengers	31.8	43.8	52.9	29.0	32.2	25.9	30.1	47.2	47.7	35.3	45.9	34.2
Open seats [2]	34.7	26.5	47.9	31.7	19.5	23.4	24.9	17.9	37.7	29.2	17.4	27.1

NA Not available. [1] Includes other types of receipts, not shown separately. [2] Elections in which an incumbent did not seek re-election.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977–1978, Interim Report No. 5, U.S. Senate and House Campaigns*, June 1979; *FEC Reports on Financial Activity, 1979–1980, Final Report, U.S. Senate and House Campaigns*, March 1982; and *FEC Reports on Financial Activity, 1981–1982, Interim Report No. 3, U.S. Senate and House Campaigns*, May 1983.

No. 432. Contributions to Congressional Campaigns by Political Action Committees (PAC) by Type of Committee: 1977 to 1982

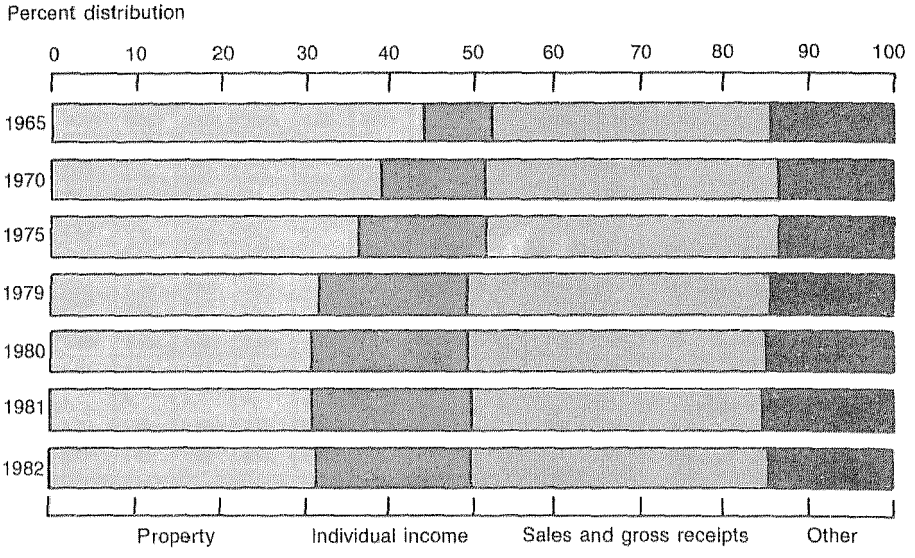
[**In millions of dollars.** Covers amounts given to candidates in primary, general, run-off, and special elections during the two-year calendar period indicated]

TYPE	HOUSE OF REPRESENTATIVES						SENATE					
	Total	Democrats	Republicans	Incumbents	Challengers	Open seats [1]	Total	Democrats	Republicans	Incumbents	Challengers	Open seats [1]
1977–1978, total [2]	**24.4**	**14.4**	**10.0**	**14.7**	**4.6**	**5.1**	**9.7**	**4.5**	**5.2**	**4.5**	**3.0**	**2.2**
Corporate	6.0	2.6	3.4	3.8	1.1	1.1	3.5	.9	2.6	1.8	.9	.8
Trade association [3]	8.6	3.9	4.7	5.2	1.5	1.9	2.6	.9	1.7	1.3	.7	.6
Labor	7.2	7.0	.2	4.6	1.2	1.4	2.7	2.4	.3	1.2	.9	.6
Non-connected [4]	1.8	.4	1.4	.5	.8	.5	.7	.2	.5	.2	.3	.2
1979–1980, total [2]	**37.9**	**20.5**	**17.2**	**24.9**	**7.9**	**5.1**	**17.3**	**8.3**	**9.0**	**8.6**	**6.6**	**2.1**
Corporate	12.2	4.7	7.5	8.1	2.6	1.5	6.9	2.1	4.8	2.7	3.3	.9
Trade association [3]	11.7	5.1	6.6	8.0	2.2	1.5	4.1	1.9	2.2	2.2	1.4	.5
Labor	9.4	8.9	.4	6.6	1.6	1.2	3.8	3.4	.4	2.7	.7	.4
Non-connected [4]	3.1	.9	2.1	1.0	1.4	.7	1.9	.5	1.4	.5	1.1	.3
1981–1982, total [2]	**60.7**	**34.0**	**26.7**	**40.6**	**10.8**	**9.3**	**22.3**	**11.0**	**11.3**	**14.2**	**5.2**	**2.9**
Corporate	18.8	6.9	11.9	14.3	2.0	2.5	6.5	2.4	6.1	5.5	1.7	1.3
Trade association [3]	16.7	7.1	9.6	12.4	2.0	2.3	5.0	2.2	2.8	3.7	.8	.5
Labor	15.3	14.6	.7	8.5	4.2	2.6	4.8	4.5	.3	3.0	1.3	.5
Non-connected [4]	7.4	3.9	3.5	3.4	2.4	1.6	3.3	1.6	1.7	1.5	1.3	.5

[1] Elections in which an incumbent did not seek re-election. [2] Includes other types of political action committees not shown separately. [3] Includes membership organizations and health organizations. [4] Represents "ideological" groups as well as other issue groups not necessarily ideological in nature.

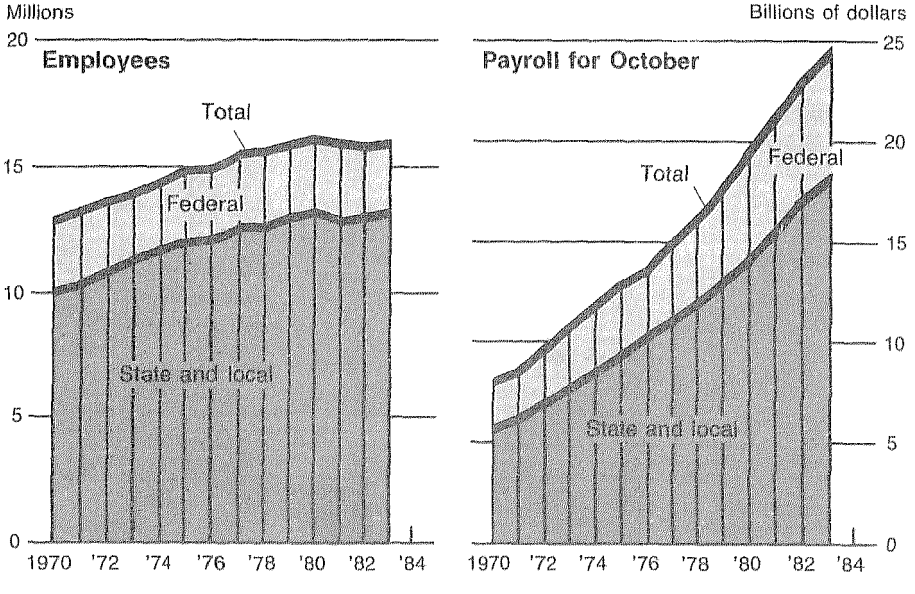
Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977–1978, Interim Report No. 5, U.S. Senate and House Campaigns*, June 1979; *FEC Reports on Financial Activity, 1979–1980, Final Report, U.S. Senate and House Campaigns*, March 1982 and *FEC Reports on Financial Activity, 1981–1982, Interim Report No. 3, U.S. Senate and House Campaigns*, May 1983.

Figure 10.1
State and Local Government Taxes — Percent Distribution, by Type: 1965 to 1982

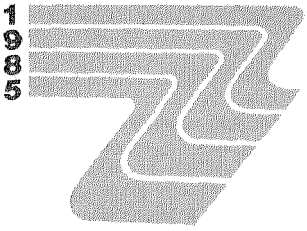


Source: Chart prepared by U.S. Bureau of the Census. *For data, see tables 439 and 445.*

Figure 10.2
Governmental Employment and Payroll: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 472.



Section 10

State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, gross assessed value of property, and government employment within State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, county, and school finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There are also a series of quarterly reports covering tax revenue, and finances of major public employee retirement systems, as well as a series (GSS) of special studies. *Recurrent Publications on Governments* describes the publication program.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. Financial data on the Federal Government are obtained by the Bureau from the Office of Management and Budget and are published in the *Budget* (see page 301).

Governmental units.—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 433, almost 82,300 local governments were identified by the 1982 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

Finances.—Unless otherwise stated, financial data relate to fiscal years. Most States end their fiscal year June 30; however Alabama and Michigan end their fiscal years Sept. 30, New York, March 31, and Texas, Aug. 31. Washington, DC also ends its fiscal year Sept 30. This was also the practice of the Federal Government until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close at various dates during the 12 months ended June 30 of the year specified; figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics have been classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure utilized by individual governments. Accordingly, financial statistics which appear here for the Federal Government and for individual States or local governments have been standardized and may not agree directly with figures appearing in the original sources.

Statistics on governmental finances distinguish among general government, utilities, liquor stores, and insurance trusts. *General government* comprises all activities except utilities, liquor stores, and insurance trusts. Utilities include government water supply, electric light and power, gas supply, and

transit systems. Liquor stores are operated by 17 States and by local governments in four States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt. Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

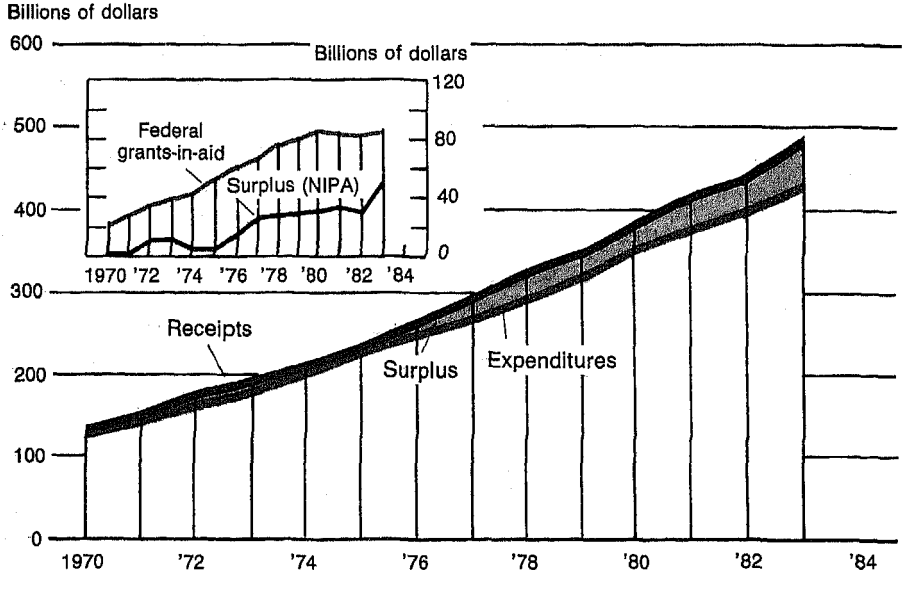
Employment and payrolls.—These data are based mainly on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 10.3

State and Local Government Finances: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 446.

No. 433. Number of Governmental Units, by Type of Government: 1942 to 1982

[See text, p. 259]

TYPE OF GOVERNMENT	1942	1952	1957	1962	1967	1972	1977	1982
Total	**155,116**	**116,743**	**102,328**	**91,237**	**81,299**	**78,269**	**79,913**	**82,341**
U.S. Government	1	1	1	1	1	1	1	1
State government	48	48	48	50	50	50	50	50
Local governments	155,067	116,694	102,279	91,186	81,248	78,218	79,862	82,290
County	3,050	3,049	3,047	3,043	3,049	3,044	3,042	3,041
Municipal	16,220	16,778	17,183	18,000	18,048	18,517	18,862	19,076
Township and town	18,919	17,202	17,198	17,142	17,105	16,991	16,822	16,734
School district	108,579	67,346	50,446	34,678	21,782	15,781	15,174	14,851
Special district	8,299	12,319	14,405	18,323	21,264	23,885	25,962	28,588

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972, 1977,* and *1982,* vol. 1, No. 1, *Governmental Organization.*

No. 434. All Governments—Revenue, Expenditure, and Debt: 1950 to 1982

[Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970,* series Y 505–637 and Y 655–848]

ITEM AND YEAR	All governments (bil. dol.)	FEDERAL[1]		STATE AND LOCAL (bil. dol.)			ANNUAL PERCENT CHANGE[2]			PER CAPITA[3] (dollars)		
		Total (bil. dol.)	Percent of total	Total	State	Local	Federal	State	Local	Total	Federal	State and local
Revenue from own sources:												
1950	67	44	65.3	23	11	12	−3.3	6.7	9.9	440	287	153
1955	106	72	67.6	34	17	18	12.9	7.8	8.8	644	435	209
1960	153	100	65.2	53	26	27	6.8	9.4	8.8	851	554	296
1965	203	126	62.1	77	39	38	4.8	8.1	7.0	1,045	649	396
1970	334	206	61.6	128	69	60	3.0	12.3	9.3	1,642	1,011	631
1973	432	254	58.8	178	97	81	7.2	12.0	10.5	2,059	1,211	850
1974	484	288	59.5	196	108	88	13.6	10.9	8.8	2,289	1,367	927
1975	519	302	58.2	217	119	98	5.0	10.7	10.6	2,436	1,418	1,018
1976	571	324	56.6	248	139	109	7.0	16.7	11.1	2,661	1,507	1,154
1977	658	383	58.1	275	156	120	18.1	12.0	10.2	3,039	1,766	1,272
1978	732	430	58.7	302	172	130	12.3	10.1	9.1	3,356	1,971	1,385
1979	829	500	60.3	330	190	140	16.3	10.7	7.2	3,768	2,270	1,498
1980	932	564	60.5	369	213	156	12.8	12.0	11.5	4,116	2,489	1,627
1981	1,075	659	61.3	416	240	176	16.9	12.9	13.2	4,747	2,909	1,838
1982	1,145	686	59.9	459	262	197	4.1	9.1	11.8	5,053	3,027	2,026
Direct expenditure:												
1950	70	42	60.3	28	11	17	11.1	17.3	12.9	464	280	184
1955	111	70	63.5	40	14	26	10.8	5.8	8.8	670	426	244
1960	151	90	59.7	61	22	39	5.2	9.0	8.4	841	502	339
1965	206	119	57.9	87	31	55	5.7	7.3	7.3	1,061	614	447
1970	333	185	55.5	148	56	92	4.5	12.3	10.7	1,638	910	728
1973	437	231	53.0	205	78	127	7.7	11.7	11.4	2,081	1,103	978
1974	478	253	52.8	226	86	139	9.2	10.5	9.5	2,263	1,195	1,069
1975	560	292	52.1	268	107	161	15.5	24.0	15.7	2,628	1,370	1,259
1976	625	322	51.5	303	123	180	10.3	15.1	11.6	2,912	1,500	1,417
1977	682	359	52.8	323	129	194	11.5	4.6	8.0	3,154	1,661	1,494
1978	745	400	53.7	345	137	209	11.5	6.0	7.4	3,416	1,835	1,584
1979	832	452	54.3	380	149	232	13.0	8.9	11.0	3,782	2,054	1,728
1980	959	526	54.8	432	173	259	16.4	16.6	11.8	4,232	2,324	1,909
1981	1,110	625	56.3	485	198	287	18.7	14.4	10.7	4,899	2,757	2,142
1982	1,231	710	57.7	521	212	309	13.7	6.7	7.9	5,436	3,136	2,300
Debt outstanding:[4]												
1950	281	257	91.4	24	5	19	.6	19.6	12.1	1,856	1,697	159
1955	319	274	86.1	44	11	33	1.3	16.3	11.9	1,928	1,660	268
1960	356	286	80.4	70	19	51	.9	10.6	9.2	1,979	1,591	389
1965	417	317	76.1	100	27	72	2.1	7.8	7.1	2,150	1,637	513
1970	514	371	72.1	144	42	102	4.8	9.2	7.0	2,531	1,825	706
1973	657	468	71.3	188	59	129	8.1	12.0	8.1	3,130	2,232	898
1974	693	486	70.2	207	65	141	3.8	10.0	9.5	3,278	2,300	977
1975	764	544	71.1	220	72	148	11.9	10.5	4.6	3,591	2,553	1,038
1976	872	631	72.4	241	85	156	16.0	17.6	5.4	4,061	2,941	1,121
1977	969	709	73.2	260	90	169	12.3	6.4	6.4	4,477	3,278	1,200
1978	1,061	780	73.5	280	103	178	10.0	13.7	5.0	4,865	3,579	1,286
1979	1,138	834	73.3	304	112	192	6.9	8.9	8.2	5,170	3,788	1,382
1980	1,250	914	73.1	336	122	214	9.6	9.1	11.1	5,516	4,037	1,482
1981	1,368	1,004	73.4	364	135	229	9.8	10.6	7.2	6,038	4,431	1,606
1982	1,546	1,147	74.2	399	147	252	14.2	9.4	9.9	6,825	5,063	1,763

[1] Data adjusted to system for reporting State and local data and therefore differ from figures in Section 11 tables. [2] Represents average for period of intervals shown; for 1950, change from 1948. For explanation, see Guide to Tabular Presentation. Minus sign (−) indicates decrease. [3] Based on estimated population as of July 1; except 1970 based on resident population enumerated as of April 1, 1970 and 1980 to 1982 based on resident population enumerated as of April 1, 1980. Includes Armed Forces abroad through 1955; thereafter, resident population. Excludes intergovernmental amounts.
[4] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 4, No. 5, *Compendium of Government Finances,* and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances,* series GF No. 5, annual.

No. 435. All Governments—Summary of Finances: 1970 to 1982

[In billions of dollars, except as percent. Federal data adjusted to system for reporting State and local data. Local government amounts are estimates subject to sampling variation; see Appendix III. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970,* series Y 522-530 and Y 534-566]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982
Revenue, total [1]	**333.8**	**519.3**	**571.2**	**657.5**	**731.7**	**829.4**	**932.2**	**1,075.4**	**1,144.8**
Revenue from own sources:									
Federal	205.6	302.3	323.5	383.5	429.7	499.6	563.7	659.0	685.8
Percent of total	61.6	58.2	56.5	58.3	58.7	60.2	60.5	61.3	59.9
State and local	128.2	217.0	247.7	275.4	302.0	329.8	368.5	416.4	459.0
State	68.7	119.2	139.1	155.8	171.6	189.9	212.6	240.0	261.8
Local	59.6	97.8	108.6	119.6	130.5	139.9	155.9	176.4	197.2
General revenue [1]	272.5	402.9	438.3	506.3	565.6	640.5	716.6	820.8	865.3
Taxes [2]	232.9	331.4	358.2	419.8	468.2	524.4	574.2	650.2	671.4
Individual income	101.2	143.8	156.2	186.0	214.2	254.8	286.1	332.0	348.9
Corporation income	36.6	47.3	48.7	64.1	70.7	77.8	77.9	75.3	64.2
Sales, gross receipts, and customs	48.6	70.9	76.3	83.8	93.0	101.0	112.0	134.5	139.3
Property	34.1	51.5	57.0	62.5	66.4	64.9	68.5	75.0	81.9
Charges and miscellaneous	39.6	71.4	80.1	86.5	97.4	116.1	142.4	170.6	193.8
Utilities and liquor stores	8.6	13.3	15.1	17.5	20.0	22.6	25.6	29.9	33.6
Insurance trusts [2]	52.7	103.1	117.8	133.7	146.1	166.2	190.0	224.7	245.9
OASDHI [3] (Federal Social Security)	38.5	75.6	80.3	92.5	104.5	120.5	139.4	163.8	181.6
Employee retirement	8.2	14.9	17.3	20.1	22.2	25.3	29.1	34.3	38.3
Unemployment compensation	3.2	8.3	15.6	15.8	13.4	13.1	13.7	18.7	17.1
Expenditure, total [1]	**330.0**	**560.1**	**625.1**	**682.5**	**745.4**	**832.4**	**958.7**	**1,109.8**	**1,231.4**
Direct expenditure:									
Federal	184.9	291.9	322.0	359.3	400.1	452.0	526.3	624.6	710.5
Percent of total	55.5	52.1	51.4	52.7	53.7	54.3	54.9	56.3	57.7
State and local	148.1	268.2	303.0	323.2	345.3	380.4	432.3	485.2	521.0
State	56.2	106.9	123.1	128.8	136.5	148.7	173.3	198.3	211.5
Local	91.9	161.3	180.0	194.4	208.8	231.7	259.0	286.8	309.4
Current operation	197.0	305.2	335.3	368.0	402.2	446.9	517.0	584.8	639.5
Capital outlay	47.5	66.6	71.6	75.2	81.1	93.2	99.4	116.5	129.2
Construction	28.4	43.0	45.2	43.8	44.7	51.7	58.4	62.3	61.5
Equipment, land and existing buildings	19.1	23.6	26.4	31.4	36.4	41.4	41.0	54.2	67.8
Assistance and subsidies	20.8	44.0	47.7	48.8	54.0	57.2	64.0	68.6	69.2
Interest on debt	19.2	35.1	41.0	46.4	53.4	64.2	78.9	101.0	125.9
Insurance benefits and repayments	48.5	109.2	129.4	144.1	154.8	170.9	199.4	238.9	267.6
Exhibit: Salaries and wages	110.5	163.7	180.4	194.0	211.6	227.5	250.9	272.5	294.4
General expenditure [1]	275.0	433.6	476.1	514.0	564.3	630.7	723.1	827.9	915.9
National defense and international relations	84.3	93.9	96.0	105.6	114.8	128.5	149.5	174.6	204.3
Military services only	76.6	86.6	91.0	97.8	105.8	118.3	137.5	160.7	189.3
Postal service	7.7	12.7	13.7	14.6	15.3	16.6	18.2	20.5	21.8
Education	55.8	95.0	106.3	110.6	118.8	129.4	143.8	158.0	166.1
Institutions of higher education	12.9	21.7	24.3	26.0	28.4	30.1	33.9	38.1	41.5
Local schools	37.5	61.5	67.7	71.5	76.7	83.4	92.9	100.5	106.1
Other education	5.4	11.8	14.3	13.1	13.7	16.0	17.0	19.4	18.4
Highways	16.7	22.8	24.2	23.3	24.9	29.0	33.7	34.9	35.1
Public welfare	17.5	39.4	45.1	49.4	54.2	59.1	64.8	74.6	78.8
Categorical public assistance [4]	6.9	14.1	15.6	16.2	18.1	17.7	19.6	21.5	22.1
Other public assistance [5]	.6	1.8	2.1	1.3	2.4	1.3	1.3	1.5	1.7
Other public welfare [6]	10.0	23.5	27.4	31.9	33.7	40.1	43.8	51.6	55.1
Hospitals	9.7	17.4	18.9	21.3	22.8	25.7	29.2	32.1	35.6
Health	3.9	7.5	8.6	9.3	10.2	11.4	14.1	15.2	17.2
Police	4.9	9.6	10.7	11.8	12.9	13.9	15.2	16.9	18.5
Local fire protection	2.0	3.5	3.9	4.4	4.8	5.1	5.7	6.3	6.9
Sanitation	3.4	7.5	8.2	9.4	9.9	11.8	13.2	14.9	14.9
Natural resources	11.5	18.1	19.4	22.4	26.3	30.3	35.2	43.6	45.5
Stabilization of farm prices and income	4.3	2.4	1.3	2.2	3.6	3.7	6.0	7.2	8.5
Parks and recreation	1.9	3.5	3.9	5.7	6.7	7.4	8.2	8.5	8.8
Housing and urban renewal	3.2	5.9	5.4	5.6	6.0	8.0	12.1	13.9	16.0
Veterans services, n.e.c	5.5	8.6	9.3	10.2	10.8	11.6	12.5	13.8	15.0
Financial administration and general control	6.3	11.9	13.4	14.8	16.7	18.7	20.7	22.5	25.0
Interest on general debt [7]	18.4	33.8	39.6	44.5	51.3	61.8	76.0	97.6	121.8
Air and water transport and terminals	4.0	5.2	5.4	5.7	6.1	7.0	8.3	11.7	8.9
Other and unallocable	18.2	37.0	42.1	45.6	51.8	55.2	62.4	68.3	75.7
Utility and liquor stores [7]	9.4	17.3	19.5	24.2	26.3	30.8	36.2	43.0	48.0
Insurance trusts [2]	48.5	109.2	129.4	144.1	154.8	170.9	199.4	238.9	267.6
OASDHI [3] (Federal Social Security)	35.8	76.6	88.3	103.2	115.0	129.2	149.5	177.5	201.2
Employee retirement	6.4	14.6	16.8	19.2	21.8	24.8	28.9	33.6	37.5
Unemployment compensation	2.8	12.4	18.1	14.9	10.9	9.0	12.3	18.2	18.5
Debt outstanding, total	**514.5**	**764.1**	**871.8**	**968.8**	**1,060.9**	**1,137.9**	**1,249.9**	**1,367.8**	**1,546.3**
Federal	370.9	544.1	631.3	709.1	780.4	833.8	914.3	1,003.9	1,147.0

[1] *Excludes duplicate transactions between levels of government.* [2] Includes other items, not shown separately. [3] Old-age, survivors, disability, and health insurance. [4] Old-age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. [5] Cash assistance for general relief wholly financed from State and local sources. [6] Includes vendor payments under various public welfare programs, including the medicaid program. [7] Interest on utility debt included in "utility and liquor stores."

Source: U.S. Bureau of the Census, *Census of Governments: 1977, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances,* series GF No. 5, annual.

No. 436. All Governments—Revenue, by Source and Level: 1970 to 1982

[**In billions of dollars.** Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 567–584 and Y 652–665]

Source of revenue	1970		1975		1980		1981		1982	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total revenue	**205.6**	**[1] 150.1**	**303.5**	**[1] 264.0**	**565.5**	**[1] 451.5**	**660.8**	**[1] 506.7**	**687.6**	**[1] 545.9**
General revenue	163.6	[1] 130.8	223.0	[1] 228.2	419.1	[1] 382.3	489.5	423.4	497.8	456.2
Intergovernmental	(X)	21.9	1.2	47.1	1.8	83.0	1.8	90.3	1.8	86.9
From Federal government	(X)	21.9	(X)	47.1	(X)	83.0	(X)	90.3	(X)	86.9
From State governments	(X)	(1)	1.2	(1)	1.8	(1)	1.8	(1)	1.8	(1)
From local governments	(X)	(1)	(X)	(1)	(X)	(1)	(X)	(1)	(X)	(1)
From own sources	163.6	108.9	221.7	181.1	417.3	299.3	487.7	333.1	496.0	369.2
Taxes [2]	146.1	86.8	190.0	141.5	350.8	223.5	405.7	244.5	405.1	266.3
Property	(X)	34.1	(X)	51.5	(X)	68.5	(X)	75.0	(X)	81.9
Individual income	90.4	10.8	122.4	21.5	244.1	42.1	285.6	46.4	298.1	50.8
Corporation income	32.8	3.7	40.6	6.6	64.6	13.3	61.1	14.1	49.2	15.0
Sales, gross receipts and customs [2]	18.3	30.3	21.1	49.8	32.0	79.9	48.6	86.0	45.7	93.6
General	(X)	16.1	(X)	29.1	(X)	51.3	(X)	55.6	(X)	60.6
Selective [2]	15.9	14.2	16.8	20.7	24.6	28.6	40.4	30.3	36.8	33.1
Motor fuel	3.8	6.3	4.5	8.3	4.9	9.8	4.7	9.9	5.0	10.6
Alcoholic beverages	4.7	1.5	5.3	2.1	5.7	2.6	5.7	2.8	5.4	2.9
Tobacco products	2.1	2.4	2.3	3.4	2.4	3.9	2.6	4.0	2.5	4.1
Public utilities	1.7	1.5	2.9	3.1	2.9	5.9	2.3	6.7	2.1	7.8
Death and gift tax	3.6	1.0	4.6	1.4	6.4	2.0	6.8	2.2	8.0	2.4
Charges and miscellaneous [2]	17.5	22.1	31.8	39.7	66.6	75.8	82.0	88.6	90.9	102.9
Education	(Z)	5.8	(Z)	9.1	.1	13.8	-	15.3	-	17.2
Postal service	6.2	(X)	9.6	(X)	16.4	(X)	18.4	(X)	21.7	(X)
Hospitals	(Z)	3.1	(Z)	6.0	.1	12.7	.1	14.8	.1	16.6
Natural resources [3]	2.3	.6	3.0	.8	9.9	1.9	10.1	2.2	10.6	2.3
Sewerage and sanitation	(X)	1.2	(X)	2.5	(X)	4.9	(X)	5.7	(X)	6.5
Utility and liquor stores	(X)	8.6	(X)	13.3	(X)	25.6	(X)	29.9	(X)	33.6
Insurance trust revenue	42.0	10.7	80.5	22.5	146.4	43.7	171.2	53.4	189.8	56.1

– Represents zero or rounds to zero. X Not applicable. Z Less than $50 million. [1] Aggregates exclude duplicative transactions between State and local governments; see source. [2] Includes other amounts not shown separately. [3] Includes parks and recreation.

Source: U.S. Bureau of the Census, *Census of Governments: 1977, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

No. 437. All Governments—General Expenditure, by Function and Level: 1970 to 1982

[**In billions of dollars.** Local government amounts are estimates subject to sampling variation; see source and Appendix III. Aggregates exclude duplicative transactions between levels of government. See also *Historical Statistics, Colonial Times to 1970*, series Y 605–631 and Y 682–704]

Function	1970		1975		1980		1981		1982	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total, all functions	**166.9**	**[1] 131.3**	**253.5**	**[1] 230.7**	**446.6**	**[1] 369.1**	**516.9**	**[1] 407.4**	**568.4**	**[1] 435.3**
Direct general	143.7	131.3	203.9	229.7	355.8	367.3	422.3	405.6	482.4	433.5
Intergovernmental	23.3	(X)	49.6	[2] 1.0	90.8	[2] 1.7	94.6	[2] 1.9	86.0	[2] 1.8
National defense and international relations	84.3	(X)	93.9	(X)	149.5	(X)	174.6	(X)	204.3	(X)
Postal service	7.7	(X)	12.7	(X)	18.2	(X)	20.5	(X)	21.8	(X)
Education	8.9	52.7	16.1	87.9	23.5	133.2	24.9	145.8	23.5	154.6
Highways	4.9	16.4	5.1	22.5	9.9	33.3	9.6	34.6	8.6	34.5
Public welfare	10.4	14.7	26.6	28.2	47.7	47.3	56.8	54.1	57.0	58.1
Health and hospitals	4.9	9.7	8.0	18.8	14.6	32.2	15.0	36.1	15.7	40.3
Natural resources [3]	[4] 9.0	[5] 4.6	[4] 14.7	7.7	33.1	12.0	41.1	13.2	42.5	13.9
Housing and urban renewal	2.7	2.1	5.1	3.5	12.2	6.1	12.9	7.1	13.6	8.1
Space research and technology	3.7	(X)	3.3	(X)	4.9	(X)	5.5	(X)	6.2	(X)
Air transportation	1.2	1.0	2.0	1.4	3.2	2.5	4.7	2.7	2.9	2.6
Social insurance administration	1.7	.8	2.7	1.5	4.4	2.0	4.9	2.3	5.2	2.3
Interest on general debt	14.0	4.4	25.0	8.8	61.3	14.7	80.5	17.1	101.8	20.0
Other and combined	13.6	24.9	38.3	50.4	64.1	85.8	65.9	94.4	65.3	100.7

X Not applicable. [1] Excludes duplicative transactions between State and local governments. [2] State contributions to Federal government. [3] Except as noted, includes parks and recreation. [4] Excludes parks and recreation. [5] Excludes State funds for parks.

Source: U.S. Bureau of the Census, *Census of Governments: 1977, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual, and unpublished data.

No. 438. All Governments—Revenue and Expenditure, by Level of Government: 1982

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 505–637 and Y 652–848]

Source of revenue and type of expenditure	All governments (mil. dol.)	Federal (mil. dol.)	State (mil. dol.)	Local (mil. dol.)	Percent		Per capita[1] (dol.)	
					Federal	State and local[2]	Federal	State and local[2]
Revenue	**[2] 1,144,787**	**687,647**	**330,949**	**[2] 313,131**	**100.0**	**100.0**	**3,035**	**2,410**
Intergovernment revenue	[2]	1,812	69,166	115,963	.3	15.9	8	384
Revenue from own sources	1,144,787	685,835	261,784	197,168	99.7	84.1	3,027	2,026
General revenue from own sources	865,257	496,021	205,996	163,240	72.1	67.6	2,189	1,630
Percent of total revenue	75.6	72.1	62.2	52.1	(x)	(x)	(x)	(x)
Taxes[3]	671,424	405,125	162,658	103,641	58.9	48.8	1,788	1,175
Property	81,918	(x)	3,113	78,805	(x)	15.0	(x)	362
Individual income	348,896	298,111	45,708	5,078	43.4	9.3	1,316	224
Corporation income	64,240	49,207	14,006	1,027	7.2	2.8	217	66
Sales and gross receipts	139,311	45,675	78,800	14,836	6.6	17.2	202	413
Customs duties	8,917	8,917	(x)	(x)	1.3	(x)	39	(x)
General sales and gross receipts	60,583	(x)	50,343	10,240	(x)	11.1	(x)	267
Selective sales and gross receipts[3]	69,811	36,758	28,458	4,596	5.3	6.1	162	146
Motor fuel	15,534	4,950	10,437	146	.7	1.9	22	47
Alcoholic beverages	8,388	5,439	2,723	226	.8	.5	24	13
Tobacco products	6,674	2,539	3,958	177	.4	.8	11	18
Public utilities	9,845	2,075	4,957	2,813	.3	1.4	9	34
Motor vehicle and operators' licenses	6,460	(x)	6,051	409	(x)	1.2	(x)	29
Death and gift	10,341	7,991	2,350	–	1.2	.4	35	10
Charges and misc. general revenue[3]	193,833	90,896	43,338	59,599	13.2	18.9	401	454
Current charges[3]	102,324	46,283	21,043	34,998	6.7	10.3	204	247
National defense and international relations	6,343	6,343	(x)	(x)	.9	(x)	28	(x)
Postal service	21,696	21,696	(x)	(x)	3.2	(x)	96	(x)
Education[3]	17,180	–	11,933	5,247	–	3.1	–	76
School lunch sales	2,320	(x)	9	2,311	(x)	.4	(x)	10
Higher education	13,504	–	11,799	1,705	–	2.5	–	60
Natural resources	11,375	10,543	603	229	1.5	.2	47	4
Hospitals	16,629	69	4,672	11,887	(z)	3.0	(z)	73
Sewerage and sanitation	6,452	(x)	4	6,449	(x)	1.2	(x)	28
Parks and recreation	1,540	47	370	1,123	(z)	.3	(z)	7
Housing and urban renewal	2,643	1,142	107	1,394	.2	.3	5	7
Air transportation	2,321	26	222	2,073	(z)	.4	(z)	10
Water transport and terminals	1,467	496	299	672	.1	.2	2	4
Special assessments	1,552	(x)	42	1,510	(x)	.3	(x)	7
Sale of property	1,243	564	133	545	.1	.1	2	3
Interest earnings	44,887	19,181	12,043	13,662	2.8	4.7	85	113
Utility revenue	30,267	(x)	2,085	28,182	(x)	5.5	(x)	134
Liquor stores	3,344	(x)	2,854	490	(x)	.6	(x)	15
Insurance trust revenue	245,919	189,814	50,848	5,257	27.6	10.3	838	248
Expenditure	**[2] 1,231,436**	**796,483**	**310,292**	**[2] 311,374**	**100.0**	**100.0**	**3,516**	**2,308**
Intergovernment expenditure	[2]	86,014	98,743	1,957	10.8	.3	380	8
General revenue sharing	[2]	4,569	(x)	(x)	.6	(x)	20	(x)
Direct expenditure	1,231,436	710,469	211,549	309,417	89.2	99.7	3,136	2,300
General expenditure	915,889	482,359	170,747	262,783	60.6	82.9	2,129	1,914
Percent of total expenditure	74.4	60.6	55.0	84.4	(x)	(x)	(x)	(x)
Utility expenditure	45,135	(x)	3,730	41,405	(x)	8.6	(x)	199
Liquor stores expenditure	2,836	(x)	2,408	428	(x)	.5	(x)	13
Insurance trust expenditure	267,576	228,110	34,664	4,802	28.6	7.5	1,007	174
By character and object:								
Current operation	639,524	265,891	133,152	240,481	33.4	71.5	1,174	1,649
Capital outlay	129,249	62,835	23,466	42,948	7.9	12.7	277	293
Construction	61,457	8,177	19,560	33,720	1.0	10.2	36	235
Equip., land and existing structures	67,792	54,658	3,906	9,228	6.9	2.5	241	58
Assistance and subsidies	69,182	51,817	10,867	6,498	6.5	3.3	229	77
Interest on debt (general and utility)	125,904	101,816	9,400	14,688	12.8	4.6	449	106
Insurance benefits and repayments	267,576	228,110	34,664	4,802	28.6	7.5	1,007	174
Expenditure for salaries and wages	*294,439*	*104,285*	*56,627*	*133,527*	*13.1*	*36.4*	*460*	*839*

– Represents or rounds to zero. X Not applicable. Z Less than .05 percent or $.50. [1] Based on enumerated resident population as of April 1, 1980. [2] Aggregates exclude duplicative transactions between levels of government; see source. [3] Includes amounts not shown separately.

Source: U.S. Bureau of the Census, *Governmental Finances in 1981–82*, series GF 82, No. 5.

NO. 439. ALL GOVERNMENTS—TAX REVENUE, BY SOURCE AND LEVEL: 1960 TO 1982

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 507–512, Y 569–579, Y 657–662, Y 716–727, and Y 802–806]

SOURCE AND YEAR	ALL GOVERNMENTS		FEDERAL [1]		STATE AND LOCAL		ANNUAL PERCENT CHANGE [2]			PER CAPITA [3] (dollars)	
	Total (mil. dol.)	Percent of total	Total (mil. dol.)	Percent of all govt.	State (mil. dol.)	Local (mil. dol.)	Federal	State	Local	Federal	State and local
Total:											
1960	113,120	100.0	77,003	68.1	18,036	18,081	6.0	9.2	8.8	428	201
1965	144,963	100.0	93,710	64.6	26,126	25,116	4.0	7.7	6.8	483	264
1970	232,877	100.0	146,082	62.7	47,962	38,833	9.3	12.9	9.1	719	427
1975	331,435	100.0	189,970	57.3	80,155	61,310	5.4	10.8	9.6	892	664
1977	419,721	100.0	243,842	58.1	101,085	74,794	13.3	12.3	10.5	1,127	813
1978	468,161	100.0	274,519	58.6	113,261	80,381	12.6	12.0	7.5	1,259	888
1979	524,446	100.0	318,932	60.8	124,908	80,606	16.1	10.3	.3	1,449	934
1980	574,244	100.0	350,781	61.1	137,075	86,387	10.0	9.8	7.2	1,549	987
1981	650,228	100.0	405,714	62.4	149,738	94,776	15.7	9.2	9.7	1,791	1,079
1982	671,424	100.0	405,125	60.3	162,658	103,641	–.1	8.6	9.4	1,788	1,175
Individual income:											
1960	43,178	38.2	40,715	94.3	2,209	[4] 254	7.2	15.1	[4] 12.2	226	14
1965	52,882	36.5	48,792	92.3	3,657	[4] 433	3.7	10.6	[4] 11.3	252	21
1970	101,224	43.5	90,412	89.3	9,183	[4] 1,630	13.1	20.2	[4] 30.4	445	53
1975	143,840	43.4	122,386	85.1	18,819	[4] 2,635	6.2	15.4	[4] 10.1	574	101
1977	185,970	44.3	156,725	84.3	25,493	[4] 3,752	13.2	16.4	[4] 19.3	724	135
1978	214,164	45.7	180,988	84.5	29,105	[4] 4,071	15.5	14.2	[4] 8.5	830	152
1979	254,773	48.6	217,841	85.5	32,622	[4] 4,309	20.4	12.1	[4] 5.8	990	168
1980	286,149	49.8	244,069	85.3	37,089	[4] 4,990	12.0	13.7	[4] 15.8	1,078	186
1981	331,977	51.0	285,551	86.0	40,895	[4] 5,531	17.0	10.3	[4] 10.8	1,260	205
1982	348,896	52.0	298,111	85.4	45,708	5,078	4.4	11.8	(X)	1,316	224
Corporation income:											
1960	22,674	20.0	21,494	94.8	1,180	([4])	3.8	9.9	([4])	119	7
1965	27,390	18.9	25,461	93.0	1,929	([4])	3.4	10.3	([4])	131	10
1970	36,567	15.7	32,829	89.8	3,738	([4])	5.2	14.2	([4])	162	18
1975	47,263	14.3	40,621	85.9	6,642	([4])	4.4	12.2	([4])	191	31
1977	64,066	15.3	54,892	85.7	9,174	([4])	16.3	17.5	([4])	254	42
1978	70,690	15.1	59,952	84.8	10,738	([4])	9.2	17.0	([4])	275	49
1979	77,805	14.8	65,677	84.4	12,128	([4])	9.5	12.9	([4])	298	55
1980	77,921	13.6	64,600	82.9	13,321	([4])	–1.6	9.8	([4])	285	59
1981	75,280	11.6	61,137	81.2	14,143	([4])	–5.4	6.2	([4])	270	62
1982	64,240	9.6	49,207	76.6	14,006	1,027	–19.5	–1.0	(X)	217	66
Sales and gross receipts: [5]											
1960	24,452	21.6	12,603	51.5	10,510	1,339	5.6	8.9	11.4	70	66
1965	32,904	22.7	15,786	48.0	15,059	2,059	4.6	7.5	9.0	81	88
1970	48,619	20.9	18,297	37.6	27,254	3,068	3.0	12.6	7.9	90	149
1975	70,905	21.4	21,090	29.7	43,346	6,468	2.9	9.7	16.1	99	234
1977	83,775	20.0	23,180	27.7	52,362	8,232	4.8	9.9	12.8	107	280
1978	93,049	19.9	25,453	27.4	58,270	9,326	9.8	11.3	13.3	117	310
1979	100,961	19.3	26,714	26.5	63,668	10,579	4.9	9.3	13.4	121	337
1980	111,961	19.5	32,034	28.6	67,855	12,072	19.9	6.5	14.1	141	353
1981	134,532	20.7	48,561	36.1	72,751	13,220	51.6	7.2	9.5	214	379
1982	139,311	20.7	45,675	32.8	78,800	14,836	–5.9	8.3	12.2	202	413
Property:											
1960	16,405	14.5	(X)	(X)	607	15,798	(X)	8.1	8.9	(X)	91
1965	22,583	15.6	(X)	(X)	766	21,817	(X)	4.8	6.7	(X)	117
1970	34,054	14.6	(X)	(X)	1,092	32,963	(X)	7.4	8.6	(X)	168
1975	51,491	15.5	(X)	(X)	1,451	50,040	(X)	5.9	8.7	(X)	242
1977	62,535	14.9	(X)	(X)	2,260	60,275	(X)	24.8	9.8	(X)	289
1978	66,422	14.1	(X)	(X)	2,364	64,058	(X)	4.6	6.3	(X)	305
1979	64,944	12.4	(X)	(X)	2,490	62,453	(X)	5.3	–2.5	(X)	295
1980	68,499	11.9	(X)	(X)	2,892	65,607	(X)	16.1	5.0	(X)	302
1981	74,969	11.5	(X)	(X)	2,949	72,020	(X)	2.0	9.8	(X)	331
1982	81,918	12.2	(X)	(X)	3,113	78,805	(X)	5.6	9.4	(X)	362
Other taxes: [6]											
1960	6,411	5.7	2,191	34.2	3,530	692	9.3	7.2	1.8	12	23
1965	9,191	6.3	3,670	39.9	4,715	807	10.9	6.0	3.1	19	28
1970	12,413	5.3	4,544	36.6	6,695	1,173	4.4	7.3	7.8	22	39
1975	17,936	5.4	5,873	32.7	9,897	2,166	5.3	8.1	13.1	28	57
1977	23,375	5.6	9,045	38.7	11,796	2,534	24.1	9.2	8.2	42	66
1978	23,835	5.1	8,126	34.1	12,784	2,925	–10.2	8.4	15.4	37	72
1979	25,964	5.0	8,700	33.5	13,999	3,264	7.1	9.5	11.6	40	78
1980	29,714	5.2	10,078	33.9	15,917	3,718	15.8	13.7	13.9	44	87
1981	33,469	5.1	10,465	31.3	18,999	4,005	3.8	19.4	7.7	46	102
1982	37,059	5.5	12,132	32.7	21,031	3,896	15.9	10.7	–2.7	54	110

X Not applicable. [1] Corporation income taxes include excess profits tax, normal tax, and surtax. [2] For explanation, see Guide to Tabular Presentation. Represents average for period of intervals shown here; for 1960, change from 1955. Minus sign (–) indicates decrease. [3] See footnote 3, table 434. [4] Corporation included with individual income. [5] Federal taxes include customs. [6] Includes licenses.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

No. 440. All Governments—Expenditure for Capital Outlay: 1970 to 1982

[*In millions of dollars.* Local government data are estimates subject to sampling variation; see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Y 523-524, Y 593-594, Y 673-674, Y 740-741, and Y 787-788]

Year and function	Total capital outlay					Construction expenditure only				
	All governments	Federal	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
1970	47,519	17,869	29,650	13,295	16,355	28,402	4,150	24,252	11,185	13,067
1974	57,250	19,166	38,084	15,417	22,667	35,651	5,109	30,542	12,655	17,887
1975	66,622	21,798	44,824	17,307	27,517	42,961	6,605	36,356	14,443	21,913
1976	71,631	25,100	46,531	18,009	28,522	45,223	6,924	38,299	15,285	23,014
1977	75,160	30,006	45,154	16,964	28,190	43,763	7,429	36,334	13,803	22,531
1978	81,058	36,289	44,769	16,064	28,705	44,720	8,521	36,199	13,260	22,939
1979	93,156	39,960	53,196	19,124	34,072	51,734	8,408	43,326	15,930	27,396
1980	99,386	36,492	62,894	23,325	39,568	58,410	6,918	51,492	19,735	31,755
1981	116,449	48,903	67,596	24,287	43,310	62,310	7,360	54,950	20,632	34,318
1982, total	**129,249**	**62,835**	**66,414**	**23,466**	**42,948**	**61,457**	**8,177**	**53,280**	**19,560**	**33,720**
National defense [1]	52,958	52,958	(X)	(X)	(X)	2,854	2,854	(X)	(X)	(X)
Space research [2]	222	222	(X)	(X)	(X)	97	97	(X)	(X)	(X)
Education	10,947	19	10,928	3,879	7,051	7,099	-	7,099	2,645	4,455
Higher education	3,695	(X)	3,695	3,231	465	2,419	(X)	2,419	2,148	271
Local schools	6,939	(X)	6,939	353	6,586	4,498	(X)	4,498	315	4,184
Other	314	19	295	295	-	182	-	182	182	-
Highways	18,262	84	18,178	13,205	4,973	16,429	81	16,348	12,121	4,227
Natural resources	6,027	4,963	1,064	696	368	4,129	3,428	701	432	269
Health and hospitals	3,394	827	2,567	1,273	1,294	2,366	466	1,900	1,023	878
Sewerage	5,894	(X)	5,894	235	5,660	5,486	(X)	5,486	233	5,253
Parks and recreation	2,154	162	1,992	404	1,588	1,522	88	1,434	257	1,177
Housing, urban renewal	3,633	613	3,020	49	2,972	2,247	-	2,247	45	2,203
Air transportation	1,461	115	1,346	175	1,171	1,249	25	1,224	159	1,065
Water transport [3]	1,511	780	731	279	453	1,358	751	607	254	354
Utilities	12,421	(X)	12,421	1,074	11,346	10,646	(X)	10,646	839	9,806
All other	10,366	2,092	8,274	2,200	6,074	5,976	387	5,589	1,554	4,035

- Represents or rounds to zero. X Not applicable. [1] Includes international relations and U.S service schools.
[2] Includes technology. [3] Includes terminals.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 4, No. 5, *Compendium of Governmental Finances;* vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances,* series GF, No. 5, annual.

No. 441. All Governments—Gross and Net Stock of Government-Owned Fixed Capital and Gross Capital Formation in Current and Constant (1972) Dollars: 1970 to 1983

[**In billions of dollars.** Stocks are as of Dec. 31; capital formation and depreciation are annual totals; net stock and depreciation are based on the straight-line depreciation formula]

Item	1970	1975	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS									
All governments:									
Gross stock	1,005.4	1,701.8	2,015.0	2,264.6	2,598.7	2,939.7	3,160.6	3,251.7	3,411.3
Equipment	223.7	318.0	386.5	428.3	483.5	562.3	637.2	712.7	793.3
Structures	781.8	1,383.8	1,628.5	1,836.3	2,115.2	2,377.4	2,523.4	2,539.0	2,618.0
Net stock	628.8	1,058.3	1,235.6	1,384.6	1,582.1	1,777.6	1,894.0	1,933.9	2,013.1
Equipment	115.9	166.1	199.9	223.7	256.2	298.7	338.1	382.6	430.3
Structures	513.0	892.2	1,035.7	1,160.9	1,326.0	1,478.9	1,555.9	1,551.3	1,582.8
Gross fixed capital formation	42.9	63.0	64.2	79.1	88.8	98.7	98.5	111.9	122.6
Depreciation	28.2	44.9	52.2	58.8	67.6	77.1	84.7	91.1	97.1
Net fixed capital formation	14.7	18.1	12.0	20.3	21.2	21.5	13.8	20.8	25.5
State and local governments:									
Gross stock	637.8	1,162.2	1,377.3	1,564.5	1,799.2	2,034.8	2,156.2	2,172.1	2,240.5
Equipment	34.7	69.6	88.0	100.2	114.3	127.8	141.8	150.5	157.0
Structures	603.1	1,092.6	1,289.3	1,464.3	1,684.9	1,907.1	2,014.4	2,021.6	2,083.5
Net stock	427.6	766.7	894.9	1,008.1	1,148.8	1,286.1	1,348.8	1,344.1	1,368.3
Equipment	20.6	42.2	51.9	57.9	64.4	70.1	75.8	78.5	78.3
Structures	407.0	724.6	843.0	950.2	1,084.4	1,216.0	1,272.8	1,265.6	1,290.0
Gross fixed capital formation	28.8	41.8	39.0	45.6	48.4	53.8	51.9	50.3	50.3
Depreciation	12.8	24.6	28.3	32.7	38.2	43.5	46.3	47.7	49.0
Net fixed capital formation	16.0	17.2	10.7	12.8	10.2	10.3	5.6	2.6	1.3
CONSTANT (1972) DOLLARS									
State and local governments:									
Gross stock	698.2	822.8	861.9	881.1	897.9	915.0	928.9	941.0	952.9
Net stock	468.2	543.0	559.8	567.4	572.9	577.9	580.4	581.4	581.9
Gross fixed capital formation	33.0	30.3	26.0	27.1	25.3	25.3	23.1	22.0	21.7

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business,* February 1981, October 1982, August 1983, and unpublished data.

No. 442. Federal Grants-in-Aid—Summary: 1960 to 1985

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Minus sign (−) indicates decrease]

Year	Current dollars							Constant (1972) dollars	
	Total grants (bil. dol.)	Average annual percent change[1]	Grants to individuals		Grants as percent of—			Total grants (bil. dol.)	Average annual percent change[1]
			Total (bil. dol.)	Percent of total grants	State-local govt. receipts[2]	Federal outlays	Gross national product		
1960	7.0	7.7	2.5	35.7	16.8	7.6	1.4	10.2	6.3
1965	10.9	7.9	3.9	35.8	17.7	9.2	1.7	14.7	5.8
1970	24.0	18.2	9.0	37.5	22.9	12.3	2.3	26.2	12.0
1975	49.8	14.7	17.4	34.9	29.1	15.4	3.3	39.6	5.0
1976	59.1	18.7	21.0	35.5	31.1	16.2	3.5	44.7	12.9
1977	68.4	15.7	23.9	34.9	30.5	17.1	3.7	48.8	9.2
1978	77.9	13.9	26.0	33.4	31.8	17.4	3.7	51.8	6.1
1979	82.9	6.4	28.8	34.7	31.1	16.9	3.5	50.7	−2.1
1980	91.5	10.4	34.2	37.4	31.5	15.9	3.6	51.3	1.2
1981	94.8	3.6	39.9	42.1	29.4	14.4	3.3	48.6	−5.3
1982	88.2	−7.0	40.7	46.1	25.3	12.1	2.9	42.6	−12.3
1983	92.5	4.9	44.3	47.9	23.9	11.6	2.9	42.9	.7
1984, est	98.2	6.2	45.4	46.2	(NA)	11.5	2.8	43.6	1.6
1985, est	101.9	3.8	47.8	46.9	(NA)	11.0	2.6	43.1	−1.1

NA Not available. [1] Percent change from immediate prior year. [2] From own sources. Receipts as defined in the national income and product accounts.

Source: Advisory Commission on Intergovernmental Relations, Washington, DC, *Significant Features of Fiscal Federalism, 1983-84.*

No. 443. Federal Aid to State and Local Governments: 1970 to 1984

[**In millions of dollars.** Through **1975,** for years ending **June 30;** beginning **1976,** ending **Sept. 30.** Includes trust funds. See *Historical Statistics, Colonial Times to 1970,* series Y 638-651, for related data]

Type of aid, function, and major program	1970	1975	1978	1979	1980	1981	1982	1983	1984, est.
Grant-in-aid shared revenue	**[1]24,014**	**49,834**	**77,889**	**82,858**	**91,472**	**94,762**	**88,194**	**92,495**	**98,198**
National defense	37	74	60	94	93	75	68	86	122
Natural resources and environment	429	2,436	3,898	4,630	5,362	4,944	4,871	4,018	3,625
Environmental Protection Agency	194	2,025	3,390	3,962	4,603	4,181	4,079	3,266	2,773
Energy	25	43	180	183	499	617	509	482	513
Agriculture	603	404	426	456	569	829	986	1,822	2,080
Transportation[2]	4,538	5,864	8,837	10,438	13,087	13,462	12,171	13,248	15,931
Airports	83	292	562	556	590	469	339	453	800
Highways	4,334	4,702	6,110	7,329	9,209	9,107	7,903	8,896	11,193
Railroads	–	(z)	35	52	54	51	80	182	69
Urban mass transit	105	689	1,972	2,408	3,129	3,771	3,782	3,711	3,857
Commerce and housing credit	(z)	8	13	12	3	4	3	62	3
Community and regional development[2]	1,780	2,842	7,078	6,641	6,486	6,124	5,379	4,962	5,398
Appalachian development	184	306	257	297	335	329	304	262	201
Community development block grants	(x)	38	2,464	3,161	3,902	4,012	3,792	3,554	3,900
Urban renewal	1,054	1,374	392	298	214	156	101	38	35
Education, employment, training, social services[2]	6,390	12,133	20,557	22,249	21,862	21,146	16,589	16,125	17,404
Elementary and secondary education[3]	1,470	2,276	2,801	3,114	3,536	3,514	(x)	(x)	(x)
Compensatory education for the disadvantaged[3]	(x)	(x)	(x)	(x)	(x)	(x)	2,939	2,629	3,363
Special programs and populations[3]	(x)	(x)	(x)	(x)	(x)	(x)	636	509	494
Bilingual education[3]	(x)	(x)	(x)	(x)	(x)	(x)	110	108	104
Federally affected areas impact aid	622	577	706	858	622	683	546	548	613
Vocational and adult education	285	652	691	769	854	723	802	705	771
Library and learning resources	105	210	209	255	261	247	101	124	88
Work incentives	81	304	353	372	383	368	222	281	259
Social services—block grants to States	574	2,047	2,809	3,091	2,763	2,646	2,567	2,508	2,772
Human development	390	803	1,119	1,278	1,548	1,963	1,531	1,685	1,751
Employment and training assistance	421	2,504	4,251	5,397	6,191	5,926	3,295	3,187	2,818
Temporary employment assistance	(x)	319	4,769	3,285	1,796	852	38	46	-
Health[2]	3,850	8,810	12,725	14,377	15,758	18,895	18,839	20,224	21,413
Alcohol, drug abuse, and mental health[4]	80	590	605	594	679	664	656	506	472
Medicaid[4]	2,727	6,840	10,680	12,407	13,957	16,833	17,391	18,985	20,237
Income security[2]	5,619	9,395	13,782	14,740	18,495	21,341	21,930	24,758	24,636
Assistance payment program[4]	4,142	5,121	6,616	6,584	7,273	8,462	7,947	7,844	7,480
Food stamps—administration	559	136	298	324	412	489	752	629	686
Child nutrition and special milk programs[4]	379	1,565	2,526	2,862	3,388	3,359	2,875	3,115	3,397
Housing assistance[4]	436	1,326	2,412	2,773	3,434	4,034	4,694	5,695	5,723
Veterans benefits and services	18	32	76	86	90	74	63	66	79
Administration of justice	42	725	572	517	530	333	187	101	139
General government	49	100	164	202	160	208	252	211	207
General purpose fiscal assistance	430	6,971	9,523	8,233	8,478	6,710	6,347	6,330	6,650
General revenue sharing	(x)	6,130	6,823	6,848	6,829	5,137	4,569	4,614	4,567

– Represents zero. X Not applicable. Z Less than $500,000. [1] Includes $5 million for international affairs subsequently provided to a private institution. [2] Includes items not shown separately. [3] The 1983 Budget proposed dismantlement of the Dept. of Education (DED). Budget data for elementary and secondary education previously performed by DED are included in the Foundation for Education Assistance under compensatory education for the disadvantaged, special programs and populations, and bilingual education. [4] Includes grants for payments to individuals.

Source: U.S. Office of Management and Budget, *The Budget of the United States, Special Analyses,* and unpublished document, "Federal Grants-in-Aid to State and Local Governments," February 1984 edition.

No. 444. Federal Aid to State and Local Governments—Selected Programs, by State and Outlying Areas: 1983

[In millions of dollars, except per capita. For fiscal year ending June 30]

State	Federal aid [1]		OE [3] compensatory education [4]	EPA [5] waste treatment facilities construction	HHS [6]		HUD [6]		ETA [9] employment/ training	Department of—	
	Total	Per capita [2] (dol.)			Public assistance [7]	Medicaid	Low rent public housing	Community development		Transportation, highway fund	Treasury, general revenue sharing
Total	**92,712**	(NA)	**2,194**	**2,983**	**10,848**	**18,985**	**5,812**	**3,554**	**3,218**	**8,435**	**4,614**
U.S	**89,756**	**384**	**2,135**	**2,955**	**10,760**	**18,911**	**5,631**	**3,450**	**3,132**	**8,382**	**4,614**
AL	1,470	371	29	38	80	252	102	57	66	183	79
AK	541	1,129	57	11	31	23	30	6	7	125	33
AZ	845	285	36	18	64	46	48	44	31	97	59
AR	901	387	31	24	38	233	40	23	36	93	47
CA	9,205	366	139	312	2,017	2,166	393	338	328	526	529
CO	1,058	337	51	32	100	150	50	27	29	144	55
CT	1,190	379	55	40	160	259	97	44	37	95	54
DE	307	507	26	16	23	32	24	7	9	49	14
DC	1,356	2,177	62	5	61	112	61	26	18	25	18
FL	2,819	264	110	75	235	412	168	99	122	345	172
GA	2,110	368	20	62	169	424	141	73	65	296	112
HI	457	447	21	31	55	73	24	13	10	64	23
ID	375	379	21	15	29	45	11	(Z)	13	66	19
IL	4,191	365	52	142	588	728	350	251	173	324	216
IN	1,611	294	19	77	147	321	102	67	95	175	85
IA	981	338	26	38	122	174	34	37	37	135	55
KS	763	315	26	39	74	136	34	25	18	127	39
KY	1,489	401	63	53	124	289	97	62	63	171	77
LA	1,710	385	24	42	128	431	85	61	58	192	96
ME	575	502	26	22	71	143	35	16	16	51	29
MD	1,790	416	37	72	165	279	137	58	56	333	90
MA	2,898	503	32	91	353	786	224	115	73	135	137
MI	3,614	399	25	93	710	781	155	167	186	234	177
MN	1,765	426	16	47	243	471	102	62	46	188	85
MS	1,101	426	23	21	63	240	51	34	38	85	64
MO	1,675	337	22	74	174	279	96	89	67	198	79
MT	477	584	26	14	33	61	21	7	11	99	19
NE	575	360	22	17	55	101	26	18	13	90	29
NV	356	400	23	13	14	37	23	8	11	80	15
NH	352	367	26	23	32	58	23	7	9	53	15
NJ	2,812	377	33	169	388	530	287	121	106	172	143
NM	676	483	31	15	47	76	24	14	17	87	36
NY	10,007	566	67	294	1,348	3,316	840	423	253	532	459
NC	1,878	309	48	77	154	388	130	56	76	166	123
ND	372	547	26	17	27	53	19	9	6	62	14
OH	3,642	339	89	165	472	787	276	174	171	246	169
OK	1,075	326	19	28	81	252	56	34	25	105	60
OR	1,163	437	90	26	108	140	43	23	44	125	55
PA	4,817	405	75	140	639	1,022	331	264	176	366	227
RI	486	509	26	19	59	127	55	14	14	30	20
SC	1,113	341	97	37	72	209	55	37	45	97	70
SD	361	516	26	16	26	57	29	7	6	61	16
TN	1,687	360	93	47	96	335	126	50	72	134	86
TX	3,806	242	94	134	182	803	231	165	135	430	248
UT	622	384	26	15	57	83	13	21	15	86	35
VT	312	594	26	18	39	60	14	(Z)	6	37	13
VA	1,666	300	37	48	163	293	114	63	60	252	101
WA	1,537	357	21	33	223	217	73	43	65	255	68
WV	840	427	20	56	63	104	37	21	32	153	42
WI	1,904	401	21	28	347	505	86	67	66	139	99
WY	426	829	26	17	13	12	6	4	3	69	11
American Samoa	37	(NA)	1	1	(Z)	(Z)	–	1	(Z)	(Z)	–
Guam	97	(NA)	25	1	4	2	3	–	2	–	–
N Marianas	43	(NA)	–	2	(Z)	–	1	(Z)	(Z)	–	–
Puerto Rico	2,111	(NA)	32	18	81	43	118	95	80	23	–
Trust Territory	171	(NA)	–	6	(Z)	(Z)	1	5	1	–	–
Virgin Islands	91	(NA)	(Z)	(Z)	3	1	12	2	3	(Z)	–
Undistributed [10]	406	(NA)	–	–	–	27	47	2	–	30	–

– Represents zero. NA Not available. Z Less than $500,000. [1] Includes other amounts not shown separately. [2] Based on Bureau of the Census estimated resident population as of July 1. [3] Office of Education. [4] For the disadvantaged. [5] Environmental Protection Agency. [6] Department of Health and Human Services. [7] Aid to Families with Dependent Children (AFDC), child support enforcement, low income home energy assistance, and refugee assistance. [8] Department of Housing and Urban Development. [9] Employment and Training Administration. [10] Includes a small amount of funds and repayments not distributed by State or other areas.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year 1983*, annual.

No. 445. State and Local Governments—Summary of Finances: 1970 to 1982

[In millions of dollars, except percent. Local government amounts included here are estimates subject to sampling variations; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 652-709]

Source of revenue and type of expenditure	1970	1975	1978	1979	1980	1981	1982	
							Total	Percent
Revenue [1]	150,106	264,013	371,607	404,934	451,537	506,728	545,897	100.0
From Federal Government	21,857	47,034	69,592	75,164	83,029	90,294	86,945	15.9
Public welfare	7,574	14,357	20,176	22,487	24,921	29,176	31,791	5.8
Highways	4,608	5,320	6,401	7,147	8,980	9,508	8,427	1.5
Education	5,844	9,078	11,445	12,300	14,435	15,831	14,468	2.7
Employment security administration	664	1,525	1,887	1,935	2,056	2,367	2,358	.4
Revenue sharing	(x)	6,245	6,810	6,851	6,844	5,649	4,563	.8
Other and unallocable	3,167	10,509	22,873	24,444	25,793	27,762	25,338	4.6
From State and local sources	128,248	216,979	302,014	329,770	368,509	416,433	458,952	84.1
General, net intergovernmental	108,898	181,137	246,368	268,115	299,293	333,109	369,236	67.6
Taxes	86,795	141,465	193,642	205,514	223,463	244,514	266,299	48.8
Property	34,054	51,491	66,422	64,944	68,499	74,969	81,918	15.0
Sales and gross receipts	30,322	49,815	67,596	74,247	79,927	85,971	93,636	17.2
Individual income	10,812	21,454	33,176	36,932	42,080	46,426	50,785	9.3
Corporation income	3,738	6,642	10,738	12,128	13,321	14,143	15,033	2.8
Other	7,868	12,063	15,709	17,264	19,636	23,004	24,927	4.6
Charges and miscellaneous	22,103	39,668	52,726	62,600	75,830	88,595	102,937	18.9
Utility and liquor stores	8,614	13,335	20,011	22,628	25,560	29,896	33,611	6.2
Water supply system	2,687	4,142	5,512	6,250	6,766	7,718	8,597	1.6
Electric power system	2,385	4,689	8,675	9,938	11,387	13,715	15,517	2.8
Transit system	1,135	1,411	2,056	2,245	2,397	2,965	3,490	.6
Gas supply system	401	625	1,009	1,297	1,809	2,220	2,662	.5
Liquor stores	2,006	2,468	2,759	2,898	3,201	3,278	3,344	.6
Insurance trust revenue [2]	10,736	22,507	35,635	39,027	43,656	53,429	56,105	10.3
Employee retirement	6,493	12,354	19,025	21,923	25,441	30,382	34,223	6.3
Unemployment compensation	3,101	8,155	13,158	12,941	13,529	18,571	16,922	3.1
Direct expenditure	148,052	268,241	345,313	380,374	432,328	485,174	520,966	100.0
By function:								
Direct general expenditure [2]	131,332	229,747	295,510	326,024	367,340	405,576	433,530	83.2
Education [2]	52,718	87,858	110,758	119,446	133,211	145,784	154,573	29.7
Higher education	12,924	21,702	28,391	30,059	33,919	38,114	41,521	8.0
Local schools	37,461	61,485	76,703	83,385	92,930	100,535	106,101	20.4
Highways	16,427	22,528	24,609	28,440	33,311	34,603	34,545	6.6
Public welfare	14,679	27,181	37,679	40,418	45,552	52,248	56,257	10.8
Health	1,806	4,414	6,303	7,179	8,387	9,771	10,706	2.1
Hospitals	7,863	14,432	18,648	21,039	23,787	26,330	29,553	5.7
Police protection	4,494	8,526	11,306	12,207	13,494	14,947	16,461	3.2
Fire protection	2,024	3,522	4,802	5,147	5,718	6,336	6,926	1.3
Natural resources	2,732	4,223	4,225	4,706	5,509	6,175	6,512	1.2
Sanitation and sewerage	3,413	7,438	9,869	11,787	13,214	14,898	14,934	2.9
Housing and urban renewal	2,138	3,460	3,699	4,724	6,062	7,086	8,098	1.6
Parks and recreation	1,888	3,462	5,270	5,896	6,520	7,064	7,408	1.4
Financial administration	2,030	3,594	5,292	6,071	6,719	7,230	8,020	1.5
General control	2,652	5,046	7,001	7,742	8,697	9,541	10,892	2.1
Interest on general debt [3]	4,374	8,782	11,983	12,987	14,747	17,131	19,970	3.8
Utility and liquor stores [3]	9,447	17,285	26,277	30,846	36,191	43,016	47,971	9.2
Water supply system	3,211	5,440	6,886	8,069	9,228	10,582	11,539	2.2
Electric power system	2,486	5,280	10,587	12,665	15,016	17,871	19,960	3.8
Transit system	1,753	3,977	5,573	6,465	7,641	9,607	11,041	2.1
Gas supply system	370	580	915	1,231	1,715	2,230	2,595	.5
Liquor stores	1,627	2,009	2,317	2,416	2,591	2,726	2,836	.5
Insurance trust expenditure [2]	7,273	21,209	23,526	23,504	28,797	36,583	39,466	7.6
Employee retirement	3,629	7,443	10,774	12,273	14,008	15,695	17,836	3.4
Unemployment compensation	2,723	12,311	10,740	8,886	12,070	17,932	18,126	3.5
By character and object:								
Current operation	97,915	180,976	249,222	274,167	307,811	343,623	373,633	71.7
Capital outlay	29,650	44,824	44,769	53,196	62,894	67,596	66,414	12.7
Construction	24,252	36,356	36,199	43,326	51,492	54,950	53,280	10.2
Equipment, land and existing structures	5,399	8,468	8,569	9,870	11,402	12,646	13,134	2.5
Assistance and subsidies	8,090	11,146	13,753	14,044	15,222	16,861	17,365	3.3
Interest on debt (general and utility)	5,123	10,087	14,044	15,463	17,604	20,511	24,088	4.6
Insurance benefits and repayments	7,273	21,209	23,525	23,504	28,797	36,583	39,466	7.6
Expenditure for salaries and wages	*62,998*	*106,168*	*137,703*	*149,104*	*163,896*	*180,261*	*190,154*	*36.5*
Debt outstanding, end of year	143,570	219,926	280,433	304,103	335,603	363,892	399,290	100.0
Long-term	131,415	200,140	269,003	292,302	322,456	348,329	380,252	95.2
Short-term	12,155	19,786	11,430	11,801	13,147	15,562	19,038	4.8
Long term debt:								
Issued	12,848	21,117	39,980	42,085	42,364	43,819	48,379	(x)
Retired	7,011	10,904	16,715	27,056	17,404	18,929	21,012	(x)

X Not applicable. [1] Excludes duplicative transactions between State and local governments. [2] Includes amounts not shown separately. [3] Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)," below.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

No. 446. State and Local Government Receipts and Expenditures in the National Income and Product Accounts: 1970 to 1983

[In billions of dollars. Includes trust accounts transactions. For explanation of national income, see text, p. 427]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Receipts	**135.4**	**237.7**	**267.8**	**297.7**	**327.6**	**352.0**	**386.1**	**420.0**	**441.9**	**478.2**
General, own source	101.7	166.3	187.1	208.1	225.7	244.0	267.7	299.3	322.1	353.0
Personal tax and nontax receipts [1]	23.2	43.1	49.6	56.3	63.8	70.4	78.8	89.0	97.8	109.0
Income taxes	11.1	22.8	26.8	30.8	35.3	38.5	42.6	47.9	51.9	58.7
Nontaxes	7.9	14.6	16.7	18.9	21.4	24.5	28.2	32.6	36.7	40.8
Corporate profits tax accruals	3.5	7.1	9.3	11.1	11.9	13.4	14.5	15.4	14.0	16.0
Indirect business tax and nontax accruals [1]	75.0	116.2	128.3	140.7	150.0	160.2	174.4	194.9	210.3	228.0
Sales taxes	31.6	51.7	57.8	64.0	71.0	77.3	82.9	90.7	96.6	107.4
Property taxes	36.7	53.4	58.2	63.2	63.7	64.4	68.4	76.7	85.1	91.3
Contributions for social insurance	9.2	16.8	19.5	22.1	24.7	27.4	29.7	32.7	35.8	39.0
Federal grants-in-aid	24.4	54.6	61.1	67.5	77.3	80.5	88.7	87.9	83.9	86.3
Expenditures [2]	**133.5**	**232.2**	**251.2**	**269.7**	**297.3**	**321.5**	**355.5**	**382.4**	**409.0**	**434.1**
Purchases of goods and services	124.4	217.2	232.9	250.4	278.3	306.0	340.8	367.6	391.5	415.8
Compensation of employees	71.1	120.6	132.3	144.0	157.6	171.8	190.0	206.8	223.7	241.4
Transfer payments to persons	14.7	24.6	27.6	29.7	32.8	35.0	39.7	43.2	46.7	50.7
Net interest paid [3]	−1.8	−4.2	−3.6	−4.0	−6.2	−11.8	−17.1	−20.1	−19.1	−21.9
Less: Dividends received	.2	.8	.8	1.3	1.7	1.9	1.8	2.1	2.8	2.6
Subsidies [4]	−3.6	−4.5	−4.8	−5.1	−5.7	−5.9	−6.1	−6.2	−7.3	−7.8
Surplus	**1.9**	**5.5**	**16.6**	**28.0**	**30.3**	**30.4**	**30.6**	**37.6**	**32.9**	**44.1**
Social insurance funds	6.9	13.1	15.6	18.0	20.3	23.8	27.1	29.8	33.7	37.5
Other	−5.1	−7.6	.9	10.1	10.0	6.6	3.5	7.8	−.8	6.6

[1] Includes other items not shown separately. [2] Includes wage accruals less disbursements of $175 million in 1978, −$135 million in 1979, and −$40 million in 1980, not shown separately. Excludes dividends received by government not shown separately. [3] Interest paid less interest received. [4] Less current surplus of government enterprises.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *1976–1979;* and *Survey of Current Business,* July issues.

No. 447. State and Local Governments—Summary of Finances 1970 to 1982

[General revenue and expenditure exclude utilities, liquor stores, and insurance trusts. Local government amounts included here are estimates subject to sampling variation; see source and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series Y 652–709, for totals]

ITEM	PERCENT DISTRIBUTION				PER CAPITA [1] (dol.)			
	1970	1975	1980	1982	1970	1975	1980	1982
General revenue	**100.0**	**100.0**	**100.0**	**100.0**	**643**	**1,071**	**1,688**	**2,014**
From Federal government [2]	16.7	20.6	21.7	19.1	108	221	367	384
Public welfare	5.9	6.3	6.5	7.0	37	67	110	140
Highways	3.5	2.3	2.3	1.8	23	25	40	37
Education	4.5	4.0	3.8	3.2	29	43	64	64
Revenue sharing	(x)	2.7	1.8	1.0	(x)	29	30	20
From own sources	83.3	79.4	78.3	80.9	536	850	1,321	1,630
Taxes [2]	66.4	62.0	58.4	58.4	427	664	987	1,175
Property	26.0	22.6	17.9	18.0	168	242	302	362
Sales and gross receipts	23.2	21.8	20.9	20.5	149	234	353	413
General	12.3	12.8	13.4	13.3	79	137	227	267
Selective	10.9	9.1	7.5	7.2	70	97	126	146
Individual income	8.3	9.4	11.3	11.1	53	101	186	224
Corporate income	2.9	2.9	3.5	3.3	18	31	59	66
Charges and miscellaneous	16.9	17.4	19.8	22.6	109	186	335	454
Direct general expenditure	**100.0**	**100.0**	**100.0**	**100.0**	**646**	**1,078**	**1,622**	**1,914**
Education	40.1	38.2	36.3	35.7	259	412	588	682
Public welfare	11.1	11.9	12.4	13.0	72	128	201	248
Health and hospitals	7.4	8.2	8.8	9.3	48	88	142	178
Police protection and correction	4.6	5.2	5.4	5.8	30	56	88	110
Natural resources, parks and recreation	3.5	3.3	4.8	3.2	23	36	53	61
Sanitation and sewerage	2.6	3.2	3.2	3.4	17	35	58	66
Housing and community development	1.7	1.5	1.7	1.9	11	16	27	36
Interest on general debt	3.4	3.8	4.0	4.6	22	41	65	88
Other [3]	25.4	24.7	23.4	23.2	164	266	400	444
Debt outstanding	**100.0**	**100.0**	**100.0**	**100.0**	**706**	**1,032**	**1,482**	**1,763**
Short term	8.5	9.0	3.9	4.8	59	93	58	84
Long term	91.5	91.0	96.1	95.2	647	939	1,424	1,678
Issued	(x)	(x)	(x)	(x)	63	93	187	214
Retired	(x)	(x)	(x)	(x)	34	51	77	93

X Not applicable. [1] See footnote 3, table 434. [2] Includes other taxes, not shown separately. [3] Libraries, social insurance administration, veterans service, highways, airports, water transport, parking facilities, fire protection, protective inspection and regulation, general control, financial administration, general public buildings, and other and unallocable.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 6, No. 4; *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances,* series GF No. 5, annual.

No. 448. State and Local Governments—General Revenue, Origin, and Allocation, 1960 to 1982, and by State: 1982

[Local government amounts are estimates subject to sampling variation: see source and Appendix III]

State	Total general revenue (mil. dol.)	Originating level of government [1]						Final recipient level [2]			
		Revenue (mil. dol.)			Percent			Revenue (mil. dol.)		Percent	
		Federal	State	Local	Federal	State	Local	State	Local	State	Local
1960	50,505	6,974	20,619	22,912	13.8	40.8	45.4	18,081	32,424	35.8	64.2
1965	74,001	11,029	30,610	32,362	14.9	41.4	43.7	26,920	47,081	36.4	63.6
1970	130,756	21,858	57,507	51,392	16.7	43.9	39.3	50,835	79,921	38.8	61.1
1975	228,195	47,054	96,784	84,357	20.6	42.4	37.0	83,543	144,651	36.6	63.4
1978	315,960	69,592	135,638	110,730	22.0	42.9	35.0	124,439	191,521	39.4	60.6
1979	343,278	75,164	150,906	117,209	21.9	44.0	34.1	133,832	209,447	39.0	61.0
1980	382,322	83,029	169,266	130,027	21.7	44.3	34.0	152,303	230,019	39.8	60.2
1981	423,404	90,294	187,374	145,736	21.3	44.3	34.4	169,143	254,261	39.9	60.1
U.S., 1982	**456,182**	**86,945**	**205,996**	**163,240**	**19.1**	**45.2**	**35.8**	**180,118**	**276,064**	**39.5**	**60.5**
Alabama	6,070	1,380	2,980	1,710	22.7	49.1	28.2	3,068	3,001	50.8	49.4
Alaska	6,333	424	5,216	693	6.7	82.4	10.9	4,910	1,423	77.5	22.5
Arizona	4,995	757	2,364	1,874	15.1	47.3	37.5	1,624	3,371	32.5	67.5
Arkansas	3,262	827	1,538	897	25.3	47.1	27.5	1,601	1,661	49.1	50.9
California	55,179	10,745	25,616	18,818	19.5	46.4	34.1	17,492	37,686	31.7	68.3
Colorado	6,126	1,065	2,339	2,722	17.4	38.2	44.4	2,091	4,035	34.1	65.9
Connecticut	6,153	1,028	2,998	2,128	16.7	48.7	34.6	3,181	2,972	51.7	48.3
Delaware	1,366	285	846	235	20.9	61.9	17.2	865	501	63.3	36.7
District of Columbia	2,782	1,342	(X)	1,440	48.2	(X)	51.8	(X)	2,782	(X)	100.0
Florida	16,213	2,865	6,412	6,936	17.7	39.5	42.8	4,873	11,340	30.1	69.9
Georgia	9,850	2,183	3,813	3,854	22.2	38.7	39.1	3,861	5,989	39.2	60.8
Hawaii	2,329	465	1,458	406	20.0	62.6	17.4	1,806	523	77.6	22.4
Idaho	1,515	325	736	454	21.5	48.6	30.0	694	821	45.8	54.2
Illinois	21,889	4,300	8,897	8,692	19.6	40.6	39.7	8,310	13,579	38.0	62.0
Indiana	8,352	1,505	3,953	2,894	18.0	47.3	34.7	3,088	5,264	37.0	63.0
Iowa	5,517	918	2,492	2,107	16.6	45.2	38.2	2,085	3,431	37.8	62.2
Kansas	4,554	735	1,835	1,984	16.1	40.3	43.6	1,779	2,775	39.1	60.9
Kentucky	5,497	1,328	3,147	1,022	24.2	57.3	18.6	3,143	2,353	57.2	42.8
Louisiana	8,863	1,550	4,585	2,728	17.5	51.7	30.8	4,071	4,791	45.9	54.1
Maine	1,938	475	939	524	24.5	48.4	27.1	1,098	840	56.7	43.3
Maryland	9,075	1,672	4,290	3,114	18.4	47.3	34.3	3,916	5,159	43.2	56.8
Massachusetts	12,320	2,729	5,790	3,801	22.2	47.0	30.9	5,798	6,522	47.1	52.9
Michigan	20,250	3,962	8,213	8,075	19.6	40.6	39.9	8,372	11,879	41.3	58.7
Minnesota	9,677	1,765	4,651	3,262	18.2	48.1	33.7	3,291	6,386	34.0	66.0
Mississippi	3,965	1,038	1,849	1,079	26.2	46.6	27.2	1,766	2,200	44.5	55.5
Missouri	7,231	1,546	2,851	2,833	21.4	39.4	39.2	2,883	4,348	39.9	60.1
Montana	1,772	349	796	627	19.7	44.9	35.4	864	908	48.8	51.2
Nebraska	2,974	497	1,154	1,323	16.7	38.8	44.5	1,187	1,787	39.9	60.1
Nevada	1,820	287	872	661	15.8	47.9	36.3	622	1,199	34.1	65.9
New Hampshire	1,442	285	537	620	19.8	37.3	43.0	666	777	46.2	53.8
New Jersey	15,233	2,486	7,115	5,631	16.3	46.7	37.0	5,839	9,394	38.3	61.7
New Mexico	3,374	558	2,296	520	16.5	68.1	15.4	1,947	1,427	57.7	42.3
New York	48,285	9,001	18,122	21,162	18.6	37.5	43.8	13,852	34,433	28.7	71.3
North Carolina	8,974	1,876	4,567	2,511	20.9	51.1	28.0	3,868	5,106	43.1	56.9
North Dakota	1,545	299	873	374	19.3	56.5	24.2	835	710	54.1	45.9
Ohio	17,984	3,411	7,629	6,943	19.0	42.4	38.6	6,507	11,476	36.2	63.8
Oklahoma	5,995	936	3,443	1,617	15.6	57.4	27.0	3,117	2,879	52.0	48.0
Oregon	5,785	1,187	2,429	2,169	20.5	42.0	37.5	2,354	3,431	40.7	59.3
Pennsylvania	21,549	4,324	9,634	7,591	20.1	44.7	35.2	9,041	12,508	42.0	58.0
Rhode Island	2,032	460	1,028	544	22.6	50.6	26.8	1,211	821	59.6	40.4
South Carolina	4,802	992	2,519	1,291	20.6	52.5	26.9	2,433	2,369	50.7	49.3
South Dakota	1,268	302	541	425	23.8	42.7	33.5	644	624	50.8	49.2
Tennessee	6,668	1,562	2,688	2,418	23.4	40.3	36.3	2,950	3,718	44.2	55.8
Texas	26,049	3,702	11,915	10,432	14.2	45.7	40.0	10,359	15,690	39.8	60.2
Utah	2,975	647	1,298	1,030	21.7	43.6	34.6	1,350	1,626	45.4	54.6
Vermont	1,042	286	482	275	27.4	46.2	26.4	661	381	63.4	36.6
Virginia	9,154	1,682	4,400	3,072	18.4	48.1	33.6	4,170	4,984	45.6	54.4
Washington	8,621	1,571	4,265	2,785	18.2	49.5	32.3	3,485	5,136	40.4	59.6
West Virginia	3,380	811	1,788	782	24.0	52.9	23.1	1,789	1,592	52.9	47.1
Wisconsin	9,988	1,845	4,744	3,399	18.5	47.5	34.0	3,663	6,325	36.7	63.3
Wyoming	2,171	379	1,034	758	17.5	47.6	34.9	1,037	1,133	47.8	52.2

X Not applicable. [1] Before intergovernmental transfers. [2] After intergovernmental transfers.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual.

No. 449. State and Local Governments—Revenue, Expenditure, and Debt

[For fiscal years. In millions of dollars, except as indicated. Local government amounts included]

Year and state	General revenue										
	Total [1]	Amount from—					Per capita [2] (dol.)				Per $1,000 personal [3] income (dol.)
		Taxes				Current charges	Total		Taxes		
		Federal Govt.	Total	Property	Other		Amount	Rank	Total	Rank	
1970	130,756	21,857	86,795	34,054	52,741	14,873	643	(x)	427	(x)	176
1975	228,171	47,034	141,465	51,491	98,974	25,588	1,071	(x)	664	(x)	198
1980	382,322	83,029	223,463	68,499	154,964	44,373	1,688	(x)	987	(x)	198
1981	423,404	90,294	244,514	74,969	169,545	50,238	1,869	(x)	1,079	(x)	196
U.S., 1982	**456,182**	**86,945**	**266,299**	**81,918**	**184,381**	**56,041**	**2,014**	(x)	**1,175**	(x)	**190**
AL	6,070	1,380	2,973	347	2,626	1,183	1,559	43	764	48	189
AK	6,333	424	2,813	361	2,452	278	15,754	1	6,998	1	1,118
AZ	4,995	757	2,680	897	1,983	641	1,838	30	1,060	30	183
AR	3,262	827	1,666	357	1,309	482	1,427	50	729	50	177
CA	55,179	10,745	32,481	8,324	24,157	6,662	2,331	8	1,372	5	191
CO	6,126	1,065	3,434	1,202	2,232	878	2,120	18	1,188	19	184
CT	6,153	1,028	4,115	1,756	2,359	488	1,980	25	1,324	8	153
DE	1,366	285	722	110	612	211	2,300	9	1,216	16	206
DC	2,782	1,342	1,227	339	888	123	4,361	(x)	1,924	(x)	326
FL	16,213	2,865	9,221	3,156	6,065	2,448	1,664	39	946	37	157
GA	9,850	2,183	5,167	1,390	3,777	1,742	1,803	34	946	38	198
HI	2,329	465	1,381	254	1,127	243	2,413	5	1,431	4	215
ID	1,515	325	811	223	588	217	1,605	40	859	43	177
IL	21,889	4,300	13,678	4,866	8,812	2,014	1,916	27	1,197	18	165
IN	8,352	1,505	4,810	1,702	3,108	1,558	1,521	46	876	42	157
IA	5,517	918	3,293	1,273	2,020	928	1,893	29	1,130	23	182
KS	4,554	735	2,530	1,013	1,517	639	1,926	26	1,070	29	177
KY	5,497	1,328	3,130	550	2,580	628	1,502	47	855	44	178
LA	8,863	1,550	4,633	566	4,067	1,034	2,107	19	1,101	27	216
ME	1,938	475	1,151	431	720	179	1,722	36	1,023	33	200
MD	9,075	1,672	5,368	1,431	3,937	1,104	2,152	14	1,273	10	185
MA	12,320	2,729	7,762	2,926	4,836	1,079	2,147	15	1,353	6	192
MI	20,250	3,962	11,397	4,843	6,554	2,880	2,186	13	1,230	13	204
MN	9,677	1,765	5,257	1,392	3,865	1,366	2,374	6	1,290	9	220
MS	3,965	1,038	1,893	410	1,483	763	1,573	41	751	49	212
MO	7,231	1,546	4,144	1,127	3,017	974	1,471	48	843	45	152
MT	1,772	349	966	458	508	155	2,252	11	1,227	14	238
NE	2,974	497	1,645	705	940	503	1,894	28	1,048	31	182
NV	1,820	287	1,014	185	829	303	2,275	10	1,267	11	186
NH	1,442	285	852	527	325	169	1,566	42	926	39	154
NJ	15,233	2,486	9,965	4,354	5,611	1,482	2,068	21	1,353	7	170
NM	3,374	558	1,488	199	1,289	297	2,590	4	1,142	21	298
NY	48,285	9,001	31,427	10,079	21,348	4,244	2,750	3	1,790	3	239
NC	8,974	1,876	5,205	1,211	3,994	1,288	1,526	45	885	41	174
ND	1,545	299	739	200	539	282	2,367	7	1,131	22	230
OH	17,984	3,411	10,504	3,545	6,959	2,427	1,665	38	973	35	162
OK	5,995	936	3,659	525	3,134	839	1,982	24	1,210	17	189
OR	5,785	1,187	2,954	1,271	1,683	744	2,197	12	1,122	24	218
PA	21,549	4,324	13,239	3,459	9,780	2,020	1,816	33	1,116	25	175
RI	2,032	460	1,156	486	672	194	2,146	16	1,223	15	210
SC	4,802	992	2,628	626	2,002	771	1,538	44	842	46	189
SD	1,268	302	633	266	367	152	1,835	31	916	40	209
TN	6,668	1,562	3,545	895	2,650	1,010	1,452	49	772	47	171
TX	26,049	3,702	15,359	5,212	10,147	3,373	1,831	32	1,079	28	164
UT	2,975	647	1,478	404	1,074	376	2,036	23	1,011	34	236
VT	1,042	286	565	232	333	107	2,039	22	1,106	26	232
VA	9,154	1,682	5,510	1,606	3,904	1,273	1,712	37	1,030	32	163
WA	8,621	1,571	4,842	1,432	3,410	1,161	2,086	20	1,172	20	181
WV	3,380	811	1,862	312	1,550	401	1,733	35	955	36	207
WI	9,988	1,845	5,928	2,068	3,860	1,547	2,122	17	1,260	12	210
WY	2,171	379	1,197	418	779	183	4,618	2	2,546	2	378

X Not applicable. [1] Includes miscellaneous revenue, not shown separately. [2] Data for 1975 based on estimated resident population as of July 1; 1970 and 1980–1982 based on enumerated resident population as of April 1, 1970 and 1980, respectively. [3] Based on personal income for the previous calendar year.

1970 TO 1982 AND BY STATE, 1982

here are estimates subject to sampling variation; see source and Appendix III

DEBT OUTSTANDING			DIRECT GENERAL EXPENDITURE								YEAR AND STATE
Total	Per capita [2]	Rank	Total	Per capita [2]	Rank	Education	Highways	Public welfare	Health, hospitals	All other	
143,570	706	(x)	131,332	646	(x)	52,718	16,427	14,679	9,668	37,840	1970
221,224	1,038	(x)	229,747	1,077	(x)	87,858	22,528	27,191	18,846	73,324	1975
335,603	1,482	(x)	367,340	1,622	(x)	133,211	33,311	45,552	32,174	123,092	1980
363,892	1,606	(x)	405,576	1,790	(x)	145,784	34,603	52,248	36,101	136,840	1981
399,290	**1,763**	(x)	**433,530**	**1,914**	(x)	**154,573**	**34,545**	**56,257**	**40,258**	**147,897**	**1982, U.S.**
5,280	1,356	36	5,987	1,537	43	2,386	567	542	768	1,724	AL.
6,766	16,830	1	3,487	8,673	1	880	304	171	111	2,021	AK.
6,612	2,433	11	5,146	1,893	23	2,161	455	243	380	1,907	AZ.
2,455	1,074	45	3,081	1,348	50	1,242	321	363	345	810	AR.
28,801	1,217	43	53,088	2,243	7	17,901	2,350	8,969	4,722	19,146	CA.
5,158	1,785	25	5,737	1,985	18	2,373	507	570	495	1,792	CO.
6,605	2,125	19	5,735	1,845	25	1,958	413	803	373	2,188	CT.
2,013	3,389	4	1,295	2,180	11	470	117	98	66	544	DE.
13,134	1,348	37	16,224	1,665	36	5,619	1,344	1,223	1,909	6,129	FL.
7,550	1,382	35	9,450	1,730	31	3,094	1,012	929	1,782	2,633	GA.
2,447	2,536	10	2,254	2,336	5	644	143	291	156	1,020	HI.
932	988	48	1,459	1,546	42	579	162	120	132	466	ID.
16,875	1,477	31	20,518	1,796	29	7,108	1,626	3,198	1,389	7,197	IL.
4,105	748	50	7,988	1,455	47	3,523	647	817	857	2,142	IN.
4,113	1,412	34	5,470	1,877	24	2,197	694	634	567	1,378	IA.
5,101	2,158	17	4,352	1,841	26	1,684	509	446	395	1,318	KS.
8,322	2,274	15	5,341	1,459	46	1,903	656	738	364	1,680	KY.
9,720	2,311	14	8,597	2,044	17	2,943	755	873	995	3,031	LA.
1,494	1,328	39	1,869	1,661	37	650	215	326	81	597	ME.
9,359	2,219	16	8,632	2,047	16	3,059	845	904	635	3,189	MD.
11,069	1,929	22	11,297	1,969	20	3,296	625	2,078	1,048	4,250	MA.
12,308	1,329	38	19,072	2,059	15	7,153	1,079	3,043	1,954	5,843	MI.
10,415	2,555	9	9,671	2,373	4	3,306	896	1,431	852	3,186	MN.
2,321	921	49	3,976	1,577	41	1,436	534	451	568	987	MS.
5,018	1,021	46	6,955	1,414	48	2,611	617	794	771	2,162	MO.
1,311	1,666	29	1,539	1,955	21	620	203	154	86	476	MT.
5,209	3,318	6	2,822	1,798	28	1,145	378	250	278	771	NE.
1,593	1,991	20	1,801	2,251	6	553	173	115	191	769	NV.
1,706	1,852	23	1,488	1,615	40	523	180	198	73	514	NH.
15,842	2,151	18	14,506	1,970	19	5,083	958	1,870	890	5,705	NJ.
3,025	2,322	13	2,843	2,182	10	1,162	356	221	250	854	NM.
49,450	2,816	7	46,355	2,640	3	13,436	2,547	7,907	4,653	17,812	NY.
5,839	993	47	8,707	1,480	44	3,769	624	831	921	2,562	NC.
949	1,454	32	1,431	2,191	9	551	182	109	76	513	ND.
12,144	1,125	44	18,068	1,673	35	6,587	1,246	2,634	1,759	5,842	OH.
3,783	1,251	42	5,229	1,729	32	2,202	495	690	505	1,337	OK.
8,817	3,349	5	5,872	2,230	8	2,196	511	483	350	2,332	OR.
20,234	1,706	27	19,912	1,678	34	6,717	1,607	3,415	1,372	6,801	PA.
2,554	2,697	8	1,969	2,079	13	646	93	351	154	725	RI.
4,791	1,535	30	4,601	1,474	45	2,029	221	473	642	1,236	SC.
1,169	1,692	28	1,201	1,738	30	430	192	113	61	405	SD.
6,665	1,452	33	6,284	1,369	49	2,181	586	691	763	2,061	TN.
24,343	1,711	26	24,066	1,691	33	10,001	2,789	1,679	2,267	7,330	TX.
3,548	2,428	12	2,663	1,823	27	1,265	245	214	161	778	UT.
914	1,789	24	998	1,954	22	389	112	129	50	318	VT.
6,978	1,305	40	8,874	1,660	38	3,443	789	951	807	2,884	VA.
16,184	3,917	2	8,526	2,063	14	3,320	864	852	605	2,885	WA.
3,781	1,939	21	3,218	1,650	39	1,189	465	274	299	991	WV.
6,027	1,261	41	10,132	2,153	12	3,957	1,010	1,185	1,005	2,975	WI.
1,687	3,590	3	1,585	3,373	2	610	237	65	128	545	WY.
2,774	4,347	(x)	2,164	3,392	(x)	392	88	353	202	1,129	DC.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF, No. 5, annual.

No. 450. New Issues of Long-Term State and Local Government Securities: 1970 to 1983

[In billions of dollars. Beginning 1982, includes outlying areas, except as indicated]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983
All issues, new capital and refunding	18.2	30.6	46.8	48.6	43.5	48.5	47.7	[1] 79.0	[1] 85.1
General obligations	11.9	16.0	18.0	17.9	12.1	14.1	12.4	21.1	21.5
Revenue	6.1	14.5	28.7	30.7	31.3	34.3	35.3	58.0	63.6
Type of issuer: [1]									
State	4.2	7.4	6.4	6.6	4.3	5.3	5.3	7.9	6.8
Special district and statutory authority	5.6	12.4	21.7	24.2	23.4	27.0	27.5	43.3	48.6
Municipalities, counties, townships [2]	8.4	10.7	18.6	17.7	15.6	16.1	14.9	25.4	27.3
Issues for new capital, total	16.1	29.5	36.2	37.6	41.5	46.7	46.5	74.8	71.1
Use of proceeds:									
Education	5.0	4.7	5.1	4.9	5.2	4.6	4.6	6.5	8.2
Transportation	3.2	2.2	2.9	3.5	2.4	2.6	3.4	6.3	4.4
Roads, bridges	1.5	1.3	1.6	1.3	1.1	1.1	.9	1.7	1.3
Utilities and conservation	3.5	5.5	8.1	9.0	8.5	8.0	10.2	14.3	13.5
Electric and gas	.9	1.9	3.4	4.5	3.5	3.4	6.3	7.1	6.3
Social welfare	1.2	3.9	7.9	9.7	15.7	19.4	12.1	25.6	25.4
Public housing	.5	1.2	3.8	5.6	12.1	15.5	5.9	14.9	17.4
Industrial aid	.1	.4	2.1	.9	1.7	1.7	3.4	2.9	3.6
Other	5.1	12.8	10.1	9.6	8.0	10.4	12.8	19.2	16.0

[1] Excludes outlying areas. [2] Includes school districts.

Source: *Public Securities Association, New York, NY, Statistical Yearbook of Municipal Finances.*

No. 451. State and Local Governments—Indebtedness and Debt Transactions: 1970 to 1982

[In billions of dollars, except per capita. As of end of fiscal year. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series Y 680, Y 747, and Y 794, for debt outstanding]

ITEM	DEBT OUTSTANDING						LONG-TERM		
	Total	Per capita [1] (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local schools	Utilities [2]	All other				
1970: Total	143.6	704	31.5	19.6	80.3	12.2	121.7	12.8	7.0
State	42.0	206	3.0	(NA)	35.9	3.1	34.5	3.9	1.9
Local	101.6	498	28.6	19.6	44.4	9.1	87.3	8.9	5.1
1975: Total	219.9	1,032	40.5	30.0	129.6	19.8	183.4	21.1	10.9
State	72.1	338	3.9	(NA)	63.7	4.6	58.4	8.4	2.9
Local	147.7	693	36.6	30.0	65.9	15.2	125.0	12.7	8.0
1980: Total	335.6	1,482	32.3	55.2	235.0	13.1	262.9	42.4	17.4
State	122.0	540	3.8	4.6	111.5	2.1	79.8	16.4	5.7
Local	213.6	942	28.5	50.6	123.5	11.0	183.1	25.9	11.7
1981: Total	363.9	1,606	44.6	60.1	243.6	15.6	273.8	43.8	18.9
State	134.8	595	8.1	4.9	119.5	2.3	81.5	18.2	6.3
Local	229.0	1,011	36.5	55.2	124.1	13.2	192.3	25.6	12.7
1982: Total	399.3	1,763	41.6	66.8	271.9	19.0	297.6	48.4	21.0
State	147.5	651	5.8	5.5	132.4	3.8	87.0	19.4	8.0
Local	251.8	1,112	35.8	61.2	139.5	15.3	210.6	28.9	13.0

NA Not available. [1] 1975 based on estimated resident population as of July 1; 1970, based on enumerated resident population as of April 1, 1970; 1980–1982 based on enumerated resident population as of April 1, 1980. [2] Beginning 1980, data for State governments classified as "utility," rather than in "All other."

Source: U.S. Bureau of the Census, *Governmental Finances,* series GF No. 5, annual, and unpublished data.

No. 452. State Cash and Security Holdings by Purpose and Type of Asset: 1982

[In millions of dollars. For fiscal year]

ITEM	TOTAL		State	ITEM	TOTAL		State
	Amount	Per capita [1]			Amount	Per capita [1]	
Total	**504,693**	**2,228**	**338,273**	Workers' compensation	12,318	54	12,318
Insurance systems	262,956	1,161	211,492	Other	460	2	460
By type of holding:				Other than insurance trust systems	241,736	1,067	126,781
Unemployment comp. fund balance [2]	6,967	31	6,967	By type of holding:			
Other cash and deposits	5,465	24	2,515	Cash and deposits	96,671	427	32,707
Securities	250,524	1,106	202,010	Securities	145,065	640	94,074
Federal	58,703	259	47,157	Federal	52,525	232	24,585
U.S. Treasury	35,099	155	27,190	U.S. Treasury	47,518	210	20,998
Federal agency	23,605	104	19,967	Federal agency	5,007	22	3,586
State and local securities	5,274	23	2,275	State and local	6,175	27	5,322
Other	186,547	823	152,578	Other	86,365	381	64,167
By purpose of holding:				By purpose of holding:			
Unemployment comp	6,787	30	6,789	Long term debt offsets	82,636	365	56,655
Employee retirement	243,392	1,074	191,926	Bond funds	31,989	141	9,776
				Other	127,111	561	60,350

– Represents zero or rounds to zero. [1] Based on enumerated resident population as of April 1, 1980. [2] In U.S. Treasury.

Source. U.S. Bureau of the Census, *Governmental Finances in 1981–82,* series GF No. 5.

No. 453. State Governments—Summary of Finances: 1970 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

Item	Total (mil. dol.)						Per capita [1]	
	1970	1975	1979	1980	1981	1982	1970	1982
Borrowing and revenue	**93,463**	**166,696**	**262,648**	**293,356**	**329,213**	**351,222**	**$461**	**$1,555**
Borrowing	4,524	9,663	15,644	16,394	18,385	20,273	22	90
Revenue	88,939	157,033	247,004	276,962	310,828	330,949	439	1,465
General revenue	77,755	134,611	207,993	233,592	258,159	275,162	384	1,218
Taxes	47,962	80,155	124,908	137,075	149,738	162,658	237	720
Sales and gross receipts	27,254	43,346	63,668	67,855	72,751	78,800	135	349
General	14,177	24,780	39,505	43,168	46,412	50,343	70	223
Motor fuels	6,283	8,255	9,980	9,722	9,734	10,437	31	46
Alcoholic beverages	1,420	1,963	2,400	2,478	2,613	2,723	7	12
Tobacco products	2,308	3,286	3,640	3,738	3,893	3,958	11	18
Other	3,065	5,061	8,142	8,750	10,099	11,339	15	50
Licenses	4,615	6,289	8,215	8,690	9,492	10,099	23	45
Motor vehicles	2,728	3,655	4,779	4,936	5,266	5,564	13	25
Corporations in general	764	1,041	1,262	1,388	1,612	1,761	4	8
Other	1,123	1,592	2,173	2,366	2,614	2,775	6	12
Individual income	9,183	18,819	32,622	37,089	40,895	45,708	45	202
Corporation net income	3,738	6,642	12,128	13,321	14,143	14,006	18	62
Property	1,092	1,451	2,490	2,892	2,949	3,113	6	14
Other	2,081	3,607	5,784	7,227	9,506	10,932	10	48
Charges and miscellaneous	9,545	16,629	25,998	32,190	37,636	43,338	47	192
Intergovernmental revenue	20,248	37,827	57,087	64,326	70,786	69,166	100	306
From Federal Government	19,252	36,148	54,548	61,892	67,868	66,026	95	292
Public welfare	7,818	14,247	22,313	24,680	28,892	31,510	39	139
Education	4,554	7,879	10,710	12,765	14,100	13,149	23	58
Highways	4,431	5,260	7,015	8,860	9,369	8,304	22	37
Other	2,450	8,761	14,510	15,587	15,507	13,063	12	58
From local governments	995	1,680	2,539	2,434	2,918	3,139	5	14
Liquor stores revenue	1,748	2,129	2,504	2,765	2,805	2,854	9	13
Insurance trust revenue [2]	9,437	20,293	35,370	39,301	48,041	50,848	47	225
Employee retirement	5,205	10,182	18,341	21,146	25,122	29,035	26	129
Unemployment compensation	3,090	5,712	12,866	13,468	18,443	16,854	15	75
Utility revenue [3]	(NA)	(NA)	1,137	1,304	1,823	2,085	(NA)	9
Expenditure and debt redemption	**87,151**	**161,804**	**230,163**	**263,494**	**297,465**	**317,482**	**430**	**1,405**
Debt redemption	2,096	2,922	5,497	5,682	5,938	7,190	10	32
Expenditure	85,055	158,882	224,666	257,812	291,527	310,292	420	1,374
General expenditure [4]	77,642	138,303	200,534	228,223	253,654	269,490	384	1,193
Education	30,865	54,012	77,722	87,939	96,921	102,984	152	456
Public welfare	13,206	25,559	38,893	44,219	51,463	55,257	65	245
Highways	13,483	17,483	21,228	25,044	25,439	25,131	67	111
Health and hospitals	5,355	10,158	15,529	17,855	20,593	22,284	26	99
State hospitals	3,941	6,891	9,922	11,015	12,360	13,681	19	61
Other hospitals and health	1,415	3,267	5,607	6,840	8,233	8,603	7	38
Corrections	1,104	2,203	3,770	4,449	5,093	5,889	5	26
Natural resources	2,223	3,554	3,808	4,346	5,008	5,485	11	24
General control	717	1,496	2,812	3,232	3,419	3,909	4	17
Financial administration	1,032	1,792	2,723	3,031	3,331	3,735	5	17
Police protection	741	1,423	2,034	2,263	2,558	2,730	4	12
Employment security	767	1,509	1,799	2,001	2,269	2,278	4	10
Housing and urban renewal	120	632	424	601	688	778	1	3
Misc. and unallocable	8,029	18,483	29,791	33,242	36,871	39,027	40	173
Liquor stores expenditure	1,404	1,719	2,068	2,206	2,305	2,408	7	11
Insurance trust expenditure [2]	6,010	18,860	20,107	24,981	32,221	34,664	30	153
Employee retirement	2,376	5,160	8,937	10,256	11,419	13,133	12	58
Unemployment compensation	2,713	12,245	8,828	12,006	17,846	18,027	13	80
Utility expenditure [3]	(NA)	(NA)	1,957	2,401	3,347	3,730	(NA)	17
By character and object:								
Intergovernmental expenditure	28,892	51,978	75,975	84,504	93,160	98,743	143	437
Direct expenditure	56,163	106,905	148,691	173,307	198,348	211,549	277	936
Current operation	30,971	60,793	94,533	108,131	122,794	133,152	153	589
Capital outlay	13,295	17,307	19,124	23,325	24,286	23,466	66	104
Construction	11,185	14,443	15,930	19,736	20,632	19,660	55	87
Land and existing structures	1,240	1,475	1,229	1,345	1,152	1,316	6	6
Equipment	870	1,389	1,965	2,243	2,502	2,590	4	11
Assistance and subsidies	4,387	6,673	8,878	9,818	10,869	10,867	22	48
Interest on debt	1,499	3,272	5,048	7,052	8,157	9,400	7	42
Insurance benefits and repayments	6,010	18,860	20,107	24,981	32,221	34,664	30	153
Debt outstanding, yearend	**42,008**	**72,127**	**111,740**	**121,958**	**134,847**	**147,470**	**208**	**653**
Long-term	38,903	67,548	109,448	119,821	132,521	143,702	192	636
Full faith and credit	17,736	33,736	48,266	49,364	52,582	51,507	88	228
Nonguaranteed	21,167	33,812	61,163	70,457	79,940	92,195	105	408
Short-term	3,104	4,579	2,291	2,137	2,325	3,768	15	17
Net long-term	34,478	58,388	81,338	79,810	81,538	87,047	170	385
Full faith and credit only	14,832	29,503	40,401	39,357	41,429	39,766	73	176

NA Not available. [1] Based on estimated resident population as of July 1, except for 1982 based on enumerated resident population as of April 1, 1980. [2] Includes other items not shown separately. [3] For 1970 and 1975, utility revenue and expenditure were not compiled separately and are included with general revenue and expenditure. [4] Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *State Government Finances*, series GF No. 3, annual.

No. 454. STATE GOVERNMENTS—REVENUE,

[In millions of dollars, except as indicated.

STATE	Total revenue[1]	GENERAL REVENUE								DEBT OUTSTANDING
		Total		Per capita[2]		Intergovernmental revenue		Taxes	Charges and miscellaneous	
		Amount	Rank	Total (dol.)	Rank	From Federal Government	From local governments			Total
U.S.	330,949	275,162	(x)	1,218	(x)	66,026	3,139	162,658	43,338	147,470
AL	4,823	4,159	23	1,068	36	1,151	27	2,196	784	1,959
AK	5,889	5,583	18	13,888	1	366	1	2,539	2,677	3,701
AZ	3,501	2,888	31	1,063	37	509	15	1,856	508	240
AR	2,506	2,238	36	979	44	691	10	1,264	274	555
CA	42,247	34,421	1	1,454	10	8,614	191	21,819	3,797	10,331
CO	3,805	3,174	30	1,098	30	828	7	1,690	649	741
CT	4,300	3,846	26	1,238	24	843	6	2,340	658	4,621
DE	1,190	1,066	46	1,794	5	217	3	595	251	1,360
FL	9,364	8,338	9	856	49	1,874	52	5,556	856	2,993
GA	6,144	5,376	19	984	43	1,552	11	3,281	532	1,646
HI	2,146	1,843	38	1,910	4	380	6	1,066	391	2,110
ID	1,237	1,009	47	1,069	35	268	5	579	157	427
IL	14,441	11,879	5	1,040	39	2,904	78	7,429	1,468	7,470
IN	5,657	5,099	20	929	46	1,128	17	3,064	890	1,025
IA	3,685	3,271	29	1,122	29	738	41	1,997	495	458
KS	2,751	2,428	35	1,027	41	579	14	1,443	393	397
KY	4,885	4,252	21	1,162	27	1,090	14	2,491	656	2,660
LA	6,453	5,785	14	1,375	15	1,192	8	3,127	1,458	4,147
ME	1,572	1,361	42	1,210	26	399	24	731	208	861
MD	6,281	5,591	17	1,326	19	1,266	35	3,193	1,097	4,212
MA	8,752	7,883	10	1,374	16	1,870	223	4,804	986	6,421
MI	14,587	11,441	6	1,235	25	2,911	317	6,307	1,906	3,859
MN	7,060	6,095	13	1,495	9	1,380	64	3,799	851	2,660
MS	3,230	2,724	33	1,080	32	862	13	1,462	386	748
MO	4,745	4,003	24	814	50	1,123	28	2,313	536	1,836
MT	1,331	1,088	45	1,383	13	287	5	529	267	399
NE	1,658	1,561	39	994	42	383	24	861	293	295
NV	1,552	1,102	44	1,378	14	226	5	745	126	648
NH	1,051	789	49	857	48	231	20	326	212	1,271
NJ	11,341	9,254	8	1,256	23	2,033	105	5,577	1,538	8,796
NM	3,020	2,773	32	2,128	3	455	22	1,227	1,070	824
NY	33,396	26,513	2	1,510	7	7,317	1,074	15,438	2,684	25,814
NC	7,128	6,123	12	1,041	38	1,433	104	3,790	797	1,591
ND	1,286	1,142	43	1,750	6	252	17	533	340	325
OH	15,308	10,170	7	942	45	2,414	127	5,819	1,810	4,999
OK	4,692	4,237	22	1,401	12	764	31	2,713	730	1,172
OR	4,382	3,356	27	1,275	20	898	30	1,552	877	6,221
PA	16,290	12,973	4	1,094	31	3,264	75	8,186	1,449	6,244
RI	1,686	1,421	40	1,501	8	387	6	675	353	1,987
SC	4,209	3,344	28	1,071	34	807	18	1,959	560	3,077
SD	873	793	48	1,148	28	244	8	328	212	709
TN	4,521	3,953	25	861	47	1,231	34	2,146	542	1,587
TX	16,365	14,691	3	1,033	40	2,768	9	9,100	2,815	2,587
UT	2,324	1,862	37	1,275	21	552	12	951	347	723
VT	832	738	50	1,444	11	253	3	332	149	673
VA	6,614	5,772	15	1,079	33	1,305	66	3,236	1,165	2,614
WA	7,446	5,621	16	1,360	17	1,264	92	3,528	737	2,492
WV	3,100	2,468	34	1,266	22	675	5	1,469	319	1,804
WI	7,533	6,296	11	1,338	18	1,519	34	3,934	809	2,648
WY	1,559	1,366	41	2,906	2	329	3	763	271	533

X Not applicable. [1] Includes liquor stores, utilities, and insurance trust activities, not shown separately. [2] Based on enumerated resident population as of April 1, 1980.

DEBT, AND EXPENDITURE BY STATES: 1982

For fiscal year, see text p. 259]

DEBT OUTSTANDING—Con.		Total expenditure [1]	GENERAL EXPENDITURES								STATE
			Total [3]			Selected functions					
Per capita [2]			Amount	Per capita [2]		Education	Public welfare	Highways	Health and hospitals	Natural resources	
Total (dol.)	Rank			Total (dol.)	Rank						
653	(x)	310,292	269,490	1,193	(x)	102,984	55,257	25,131	22,284	5,485	U.S.
503	28	4,667	4,181	1,074	34	1,990	536	448	404	86	AL
9,206	1	3,281	3,034	7,548	1	813	175	259	98	205	AK
88	50	3,245	2,966	1091	31	1,430	179	341	215	51	AZ
243	44	2,362	2,159	945	44	934	359	289	173	70	AR
437	34	40,444	35,492	1,500	8	13,646	10,112	1,537	2,232	928	CA
257	43	3,635	3,216	1,113	30	1,454	553	337	262	106	CO
1,487	6	3,994	3,498	1,126	29	982	763	281	347	27	CT
2,289	3	1,084	1,005	1,692	6	398	99	98	65	22	DE
307	39	9,322	8,757	899	47	3,933	1,135	994	792	271	FL
301	40	6,007	5,523	1,011	41	2,370	914	841	499	131	GA
2,186	4	1,994	1,826	1,892	3	644	290	94	151	46	HI
453	33	1,209	1,021	1,081	33	470	115	131	59	52	ID
654	21	14,138	12,031	1,053	36	4,413	3,142	1,169	775	132	IL
187	46	5,694	5,148	938	45	2,390	707	567	351	92	IN
157	49	3,903	3,449	1,184	25	1,526	586	471	277	86	IA
168	48	2,634	2,403	1,017	40	1,070	436	285	214	72	KS
727	20	4,726	4,225	1,154	27	1,665	727	620	286	118	KY
986	15	6,463	5,773	1,373	14	2,138	852	535	576	173	LA
765	19	1,527	1,307	1,162	26	440	326	144	70	52	ME
999	14	6,260	5,416	1,284	18	1,736	911	756	523	84	MD
1,119	12	8,631	7,771	1,355	15	1,837	2,153	421	770	57	MA
417	35	13,997	11,506	1,242	20	3,864	3,254	894	1,244	141	MI
652	22	6,925	6,385	1,567	7	2,784	1,175	554	384	158	MN
297	41	3,039	2,725	1,081	32	1,148	441	355	210	88	MS
374	37	4,410	3,966	807	50	1,614	791	425	369	111	MO
507	27	1,135	944	1,199	24	338	138	141	63	59	MT
188	45	1,646	1,576	1,004	42	526	239	265	144	68	NE
810	18	1,413	1,110	1,387	13	431	107	123	51	24	NV
1,380	8	1,005	822	892	48	217	154	124	69	15	NH
1,194	10	11,152	9,215	1,251	19	2,714	1,863	620	628	133	NJ
632	23	2,392	2,272	1,744	4	1,010	215	288	192	51	NM
1,470	7	30,160	25,533	1,454	10	7,752	6,736	1,214	2,663	132	NY
271	42	6,851	6,180	1,051	37	3,030	790	556	543	150	NC
497	29	1,191	1,119	1,713	5	449	104	148	74	43	ND
463	32	13,742	10,416	965	43	3,813	2,432	1,012	1,126	134	OH
397	36	4,162	3,697	1,222	21	1,745	696	427	309	68	OK
2,363	2	4,210	3,445	1,308	17	1,108	466	394	238	117	OR
526	26	15,328	12,353	1,041	38	4,032	3,374	1,332	1,141	190	PA
2,098	5	1,628	1,402	1,481	9	398	357	57	152	11	RI
986	16	4,110	3,216	1,030	39	1,542	470	248	322	78	SC
1,026	13	829	794	1,150	28	234	109	130	47	41	SD
346	38	4,298	3,813	831	49	1,542	663	510	342	69	TN
182	47	14,152	13,189	927	46	6,750	1,623	1,963	1,069	227	TX
495	30	1,994	1,756	1,202	23	927	213	179	128	48	UT
1,318	9	888	720	1,409	12	240	134	81	48	28	VT
489	31	6,298	5,663	1,063	35	2,241	889	677	657	74	VA
603	24	7,256	5,893	1,426	11	2,967	863	626	328	167	WA
925	17	2,842	2,351	1,206	22	936	271	437	159	57	WV
563	25	6,895	6,202	1,318	16	2,045	1,555	546	401	110	WI
1,134	11	1,123	1,002	2,132	2	309	64	187	49	33	WY

[3] Includes amounts not shown separately.

Source: U.S. Bureau of the Census, *State Government Finances in 1982*, series GF82, No. 3.

NO. 455. STATE GENERAL OPERATING FUND RESOURCES AND EXPENDITURES: 1983 TO 1985

[**In millions of dollars, except percent.** Fiscal year data. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds; they support most on-going broad-based State services, as opposed to long-term State capital projects and are available for appropriation to support any governmental activity. Minus sign (–) indicates deficit. For composition of regions see fig. I, inside front cover]

REGION, DIVISION AND STATE	GENERAL FUND RESOURCES [1]			EXPENDITURES [3]			BALANCE [4]					
							Total			As percent of expenditures		
	1983	1984 [2]	1985 [2]	1983	1984 [2]	1985 [2]	1983	1984 [2]	1985 [2]	1983	1984 [3]	1985 [2]
U.S.	**162,115**	**175,868**	**189,448**	**154,668**	**167,490**	**180,704**	**1,984**	**3,008**	**3,164**	**1.3**	**1.8**	**1.8**
Region:												
Northeast	39,710	43,026	46,751	38,661	41,402	45,089	–189	216	174	–.5	.5	.4
Midwest	37,687	43,634	46,232	36,408	41,177	43,513	317	1,263	1,223	.9	3.1	2.8
South	44,972	47,966	51,002	40,584	44,841	48,185	1,715	632	290	4.2	1.4	.6
West	39,746	41,240	45,463	39,017	40,070	43,917	141	898	1,479	.4	2.2	3.4
N. Eng	**10,077**	**10,991**	**11,752**	**9,869**	**10,762**	**11,479**	**–50**	**–30**	**–6**	**–.5**	**–.3**	**–.1**
Maine	716	771	831	695	758	816	2	2	2	.3	.3	.2
New Hampshire	289	339	379	320	355	373	–40	–16	6	–12.5	–4.5	1.6
Vermont	294	296	335	325	340	360	–31	–44	–25	–9.5	–12.8	–7.0
Massachusetts	4,723	5,036	5,583	4,429	4,786	5,310	64	22	10	1.5	.5	.2
Rhode Island	861	910	960	858	904	956	3	6	1	.3	.7	.1
Connecticut	3,194	3,639	3,664	3,242	3,619	3,664	–48	–	–	–1.5	–	–
Mid. Atl	**29,633**	**32,037**	**34,999**	**28,792**	**30,640**	**33,610**	**–139**	**246**	**180**	**–.5**	**.8**	**.5**
New York	17,513	18,822	20,921	16,533	17,620	19,610	–	51	102	–	.3	.5
New Jersey	4,751	5,229	5,575	4,655	5,037	5,500	96	192	75	2.1	3.8	1.4
Pennsylvania	7,369	7,986	8,503	7,604	7,983	8,500	–235	3	3	–3.1	–	–
E. No. Cent	**26,790**	**30,842**	**32,518**	**25,915**	**29,083**	**30,647**	**62**	**724**	**566**	**.2**	**2.5**	**1.8**
Ohio	7,089	8,196	8,886	7,022	8,077	8,801	52	49	45	.7	.6	.5
Indiana	2,260	2,953	3,273	2,149	2,644	2,938	60	103	67	2.8	3.9	2.3
Illinois	8,624	9,787	9,772	7,834	8,937	8,920	110	125	125	1.4	1.4	1.4
Michigan	4,925	5,586	5,785	4,836	5,386	5,384	22	166	131	.5	3.1	2.4
Wisconsin	3,892	4,320	4,802	4,074	4,039	4,604	–182	281	198	–4.5	7.0	4.3
W. No. Cent	**10,897**	**12,792**	**13,714**	**10,493**	**12,094**	**12,866**	**255**	**539**	**657**	**2.4**	**4.5**	**5.1**
Minnesota	3,791	5,073	5,400	3,575	[5] 4,654	4,834	72	279	375	2.0	6.0	7.8
Iowa	1,867	1,991	2,122	1,858	1,991	2,117	8	–	6	.4	–	.3
Missouri	2,279	2,469	2,649	2,225	2,385	2,577	54	84	72	2.4	3.5	2.8
North Dakota	462	544	589	415	481	524	43	63	65	10.4	13.1	12.4
South Dakota	295	315	325	276	291	320	19	5	5	6.9	1.7	1.6
Nebraska	746	791	863	731	777	823	15	14	40	2.1	1.8	4.9
Kansas	1,457	1,609	1,766	1,413	1,515	1,671	44	94	94	3.1	6.2	5.6
So. Atl	**23,010**	**25,183**	**27,057**	**21,883**	**24,793**	**26,810**	**479**	**330**	**214**	**2.2**	**1.3**	**.8**
Delaware	738	803	878	689	724	803	49	79	75	7.1	10.9	9.3
Maryland	3,260	3,432	3,754	3,227	3,428	3,752	33	4	2	1.0	.1	.1
Virginia	3,242	3,478	3,748	2,531	3,409	3,748	102	50	–	4.0	1.5	–
West Virginia	1,353	1,437	1,468	1,271	1,416	1,468	62	21	–	4.9	1.5	–
North Carolina	3,512	3,873	3,894	3,441	3,858	3,879	72	15	15	2.1	.4	.4
South Carolina	1,974	2,214	2,373	1,936	2,173	2,340	18	–	–	.9	–	–
Georgia	3,680	3,960	4,302	3,658	3,960	4,302	22	–	–	.6	–	–
Florida	5,251	5,986	6,640	5,130	5,825	6,518	121	161	122	2.4	2.8	1.9
E. So. Cent	**7,335**	**7,880**	**8,678**	**7,245**	**7,666**	**8,530**	**81**	**192**	**61**	**1.1**	**2.5**	**.7**
Kentucky	2,303	2,448	2,589	2,262	2,448	2,579	41	–	10	1.8	–	.4
Tennessee	1,854	1,995	2,414	1,831	1,918	2,276	14	56	51	.8	2.9	2.2
Alabama	1,946	2,083	2,315	1,935	1,946	2,315	11	136	–	.5	7.0	–
Mississippi	1,232	1,354	1,360	1,217	1,354	1,360	15	–	–	1.0	–	–
W. So. Cent	**14,627**	**14,903**	**15,267**	**11,456**	**12,382**	**12,845**	**1,155**	**110**	**15**	**10.1**	**.9**	**.1**
Arkansas	1,145	1,332	1,460	1,140	1,329	1,457	–	–	–	–	–	–
Louisiana	4,088	3,774	4,137	3,857	3,737	4,137	131	37	–	3.4	1.0	–
Oklahoma	1,900	1,568	1,698	1,883	1,568	1,698	17	–	–	.9	–	–
Texas	7,494	8,229	7,972	4,576	5,748	5,553	1,007	73	15	22.0	1.3	.3
Mt	**7,463**	**7,925**	**8,390**	**7,023**	**7,664**	**7,989**	**462**	**294**	**338**	**6.6**	**3.8**	**4.2**
Montana	390	394	392	333	370	367	57	24	25	17.1	6.5	6.8
Idaho	416	502	559	416	483	558	–	9	1	–	1.9	.2
Wyoming	529	534	378	350	580	337	179	–	41	51.1	–	12.2
Colorado	1,543	1,750	1,932	1,543	1,707	1,794	–	43	78	–	2.5	4.3
New Mexico	1,552	1,425	1,447	1,385	1,272	1,336	166	153	111	12.0	12.0	8.3
Arizona	1,588	1,805	2,074	1,588	1,803	2,045	–	2	29	–	.1	1.4
Utah	978	1,061	1,144	964	1,045	1,133	12	13	8	1.2	1.2	.7
Nevada	487	454	464	444	404	419	48	50	45	10.9	12.2	10.7
Pac	**32,263**	**33,315**	**37,073**	**31,994**	**32,406**	**35,928**	**–321**	**604**	**1,141**	**–1.0**	**1.9**	**3.2**
Washington	4,003	4,031	4,206	3,900	4,003	4,178	32	28	28	.8	.7	.7
Oregon	1,610	1,495	1,693	1,588	1,491	1,648	22	4	45	1.4	.3	2.7
California	21,230	22,846	26,031	21,751	22,641	25,076	–591	200	951	–2.7	.9	3.8
Alaska	3,945	3,451	3,611	3,410	2,853	3,537	86	299	74	2.5	10.5	2.1
Hawaii	1,475	1,492	1,532	1,345	1,418	1,489	130	73	43	9.6	5.2	2.9

– Represents zero. [1] Includes funds budgeted, adjustments, and balances from previous year. [2] Estimates. [3] Does not include transfers (plus or minus). [4] Resources, less expenditures and transfers. [5] Includes $509 million in payments which were delayed from the prior year.

Source: National Governors' Association and National Association of State Budget Officers, Washington, DC, *Fiscal Survey of the States*, annual. (Copyright.)

No. 456. State Government Tax Collections, 1983, and Excise Taxes, 1984, by Type of Tax—States

(1983 tax collections preliminary. Tax collections for fiscal year; see text page 259. Collections include local shares of State-imposed taxes. Excise taxes as of July)

State	State tax collections (mil. dol.)								Excise taxes [2]		
		Sales and gross receipts									
	Total [1]	Total [1]	General sales or gross receipts	Motor fuels	Alcoholic beverages and tobacco products	Individual income	Corporation net income	Motor vehicle and operators' licenses	General sales and gross receipts (percent)	Cigarettes (cents per package)	Gasoline (cents per gal.)
U.S. [3]	171,370	83,849	53,827	10,793	6,744	49,789	13,153	8,281	(X)	(X)	(X)
AL	2,341	1,386	660	241	157	556	134	41	[4] 4 D	16.5	13
AK	2,046	75	(X)	37	16	2	266	16	(X)	8	8
AZ	2,061	1,145	845	152	66	481	160	106	[4] 5 F & D	15	13
AR	1,338	707	437	133	79	388	87	74	[4] 4 D	21	9.5
CA	22,260	9,953	7,767	926	399	7,649	2,554	596	[4] 4.75 F & D	10	9
CO	1,743	886	623	143	61	655	56	58	[4] 3 F & D	15	12
CT	2,538	1,799	1,104	159	100	179	357	89	7.5 F & D	26	15
DC [3]	1,317	424	266	23	17	351	83	20	6 F & D	13	[5] 15.5
DE	639	90	(X)	38	17	314	30	28	(X)	14	11
FL	6,225	4,796	3,334	452	592	(X)	371	300	5 F & D	21	[5] 9.7
GA	3,504	1,784	1,173	353	187	1,342	239	63	[4] [6] 3	12	7.5
HI	1,151	756	601	34	27	347	22	9	[7] 4	[8] 23	8.5
ID	620	289	165	77	18	224	31	37	[7] 4 D	9.1	14.5
IL	7,420	3,869	2,394	361	247	2,201	604	347	[4] 5 F & D	12	12
IN	3,195	2,010	1,522	317	113	819	140	118	5 F & D	10.5	[5] 11.1
IA	2,014	889	571	188	77	724	138	153	4 F & D	18	13
KS	1,566	728	498	115	68	531	141	73	[4] [7] 3 D	16	11
KY	2,602	1,187	700	197	70	647	172	78	5 F & D	3	[5] 10
LA	3,011	1,356	839	186	117	229	321	61	[4] 4 F & D	16	16
ME	780	422	270	55	55	236	33	38	5 F & D	20	14
MD	3,468	1,546	865	233	98	1,459	148	92	5 F & D	13	[5] 13.5
MA	5,158	1,736	1,052	250	226	2,472	661	117	[7] 5 F & D	26	[5] 11
MI	7,023	2,773	1,969	456	224	2,567	1,004	271	4 F & D	21	[5] 15
MN	4,319	1,698	992	262	138	1,978	254	193	[4] 6 F & D	18	17
MS	1,538	1,023	761	135	70	201	69	56	6 D	11	9
MO	2,640	1,388	985	194	102	885	119	123	[4] 4.125 D	13	7
MT	514	107	(X)	49	26	152	36	26	(X)	16	15
NE	987	561	357	120	44	281	52	48	[4] 3.5 F & D	18	[5] 14.9
NV	779	669	368	87	25	(X)	(X)	33	[4] [9] 5.75 F & D	15	12
NH	329	159	(X)	61	32	17	74	31	(X)	17	14
NJ	6,128	3,309	1,660	289	274	1,440	664	280	6 F & D	25	8
NM	1,163	657	477	94	32	17	62	41	[4] [7] 3.75	12	[5] 11
NY	16,208	5,728	3,532	437	473	8,276	1,339	337	[4] 4 F & D	21	8
NC	4,028	1,764	826	379	134	1,550	307	174	[4] 3 D	2	12.25
ND	526	219	146	36	17	35	31	30	4 F & D	18	13
OH	6,734	3,686	2,005	589	259	1,972	415	307	[4] 5 F & D	14	[5] 12
OK	2,627	801	409	128	118	651	103	188	[4] [10] 3 D	16	9
OR	1,764	212	(X)	97	73	1,182	125	120	(X)	19	9
PA	8,430	4,176	2,365	558	386	2,045	630	403	6 F & D	18	12
RI	726	374	212	44	37	261	42	22	6 F & D	23	[5] 13
SC	2,113	1,141	692	214	131	719	128	46	[7] 5 D	7	13
SD	325	279	174	55	20	(X)	3	16	[4] [7] 4 D	15	13
TN	2,246	1,704	1,177	283	136	52	204	119	[4] [11] 5.5 D	13	10
TX	9,019	5,671	3,320	490	627	(X)	(X)	334	[4] 4 F & D	18.5	5
UT	974	527	391	86	24	346	32	31	[4] [12] 4.625 D	12	14
VT	358	175	67	26	24	114	25	29	[7] [13] 4 F & D	17	13
VA	3,478	1,441	722	321	96	1,549	183	158	[4] 3 D	2.5	[5] 13.72
WA	4,191	3,116	2,454	241	210	(X)	(X)	136	[4] [14] 6.5 F & D	23	18
WV	1,470	1,005	745	106	43	311	45	59	5 F & D	17	[5] 15.35
WI	4,297	1,826	1,209	288	170	1,734	340	141	5 F & D	25	16
WY	736	242	190	37	7	(X)	(X)	36	[4] [7] 3 D	8	8

X Not applicable. [1] Includes amounts for types of taxes not shown separately. [2] Source: Advisory Commission on Intergovernmental Relations, Washington, DC, *Significant Features of Fiscal Federalism, annual*; F=food exempt from sales tax; D=prescription drugs exempt from sales tax. [3] DC excluded from U.S. total. [4] Local sales tax rates are additional. [5] Variable tax based on wholesale price. [6] The sales tax on prescription drugs will be eliminated in July 1985. [7] A sales tax credit is granted on the State income tax form. [8] Tax is 40% of wholesale price. [9] Included is a mandatory 3.75% county sales tax. [10] The 3% rate decreases to 2% in Jan. 1986. [11] The 5.5% rate decreases to 4.5% in July 1985. The sales tax on food will phase out over 3 years beginning July 1985. [12] The 4.625% rate decreases to 4.5% in July 1987. [13] The 4% rate decreases to 3% in July 1987. [14] The tax rates for the four counties bordering Oregon is 5.4%.

Source: Except as noted, U.S. Bureau of the Census, *State Government Tax Collections in 1983*, series GF83, No. 1.

NO. 457. STATE GOVERNMENT INDIVIDUAL INCOME TAXES: 1984

[As of July 1. Only basic rates, brackets and exemptions are shown. Taxable income rates and brackets apply to single individuals; other schedules may be used for married taxpayers filing jointly or separately and/or heads of households in California, Georgia, Hawaii, Idaho, Kansas, Maine, New Mexico, Oklahoma, Oregon, Utah, and West Virginia. Alaska, Florida, Nevada, South Dakota, Texas, Washington, and Wyoming have no State income tax]

STATE	Taxable income rates (range in percent)	TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS			SIZE OF STANDARD DEDUCTION [1]			Federal income tax deductible [2]
		Lowest: amount under	Highest: amount over	Single	Married-joint return	Dependents	Percent	Single	Married-joint return	
AL [3]	2.0–5.0	$500	$3,000	$1,500	$3,000	$300	20	$2,000	$4,000	Yes
AZ [4]	2.0–8.0	1,017	6,102	1,759	3,518	1,056	17	880	1,759	Yes
AR	1.0–7.0	2,999	25,000	[5] 17.50	[5] 35	[5] 6	10	1,000	1,000	No
CA [4]	1.0–11.0	1,510	25,430	[5] 38	[5] 76	[5] 12	(x)	1,510	3,020	No
CO [4]	2.5–8.0	1,415	14,153	1,203	2,406	1,203	(x)	1,415	1,415	Yes
CT				Very limited State income tax [6]						
DE [3]	1.3–10.7	1,000	50,000	800	1,600	800	10	1,000	1,000	Yes [7]
DC	2.0–11.0	1,000	25,000	750	1,500	750	10	1,000	1,000	No
GA	1.0–6.0	750	7,000	1,500	3,000	1,500	[8] 15	[8] 2,300	[8] 3,000	No
HI	2.25–11.0	800	30,800	1,000	2,000	1,000	(x)	800	1,000	No
ID	2.0–7.5	1,000	5,000	Same as Federal						No
IL	3.0	Flat Rate		1,000	2,000	1,000	(x)	(x)	(x)	No
IN [3]	*3.0*	*Flat Rate*		*1,000*	*2,000*	*500*	*(x)*	*(x)*	*(x)*	*No*
IA [3 4]	.5–13.0	[9] 1,023	[9] 76,725	[5] 19	[5] 38	[5] 14	[8] 15	[8] 1,200	[8] 3,000	Yes
KS	2.0–9.0	2,000	25,000	1,000	2,000	1,000	[8] 16	[8] 2,400	[8] 2,800	Yes
KY [3]	2.0–6.0	3,000	8,000	[5] 20	[5] 40	[5] 20	(x)	650	650	Yes
LA	2.0–6.0	10,000	50,000	4,500	9,000	4,500	Same as Federal			Yes
ME [4]	1.0–10.0	2,044	25,000	1,000	2,000	1,000	16	2,453	2,862	No
MD [3]	2.0–5.0	1,000	3,000	800	1,600	800	13	1,500	3,000	No
MA	[10] 5.0	Flat Rate		2,200	([11])	700	(x)	(x)	(x)	No
MI [3]	[12] 6.1	Flat Rate		1,500	3,000	1,500	(x)	(x)	(x)	No
MN [4]	1.6–16.0	672	36,925	[5] 68	[5] 136	[5] 68	10	2,268	2,268	Yes
MS	3.0–5.0	5,000	10,000	6,000	9,500	1,500	15	2,300	3,400	No
MO [3]	1.5–6.0	1,000	9,000	1,200	1,200	400	(x)	2,300	3,400	Yes
MT [4]	*2.0–11.0*	*1,200*	*42,000*	960	1,920	960	20	1,800	3,600	Yes
NE		19% of Federal income tax liability								No
NH		Very limited State income tax [13]								
NJ	[14] 2.0–3.5	20,000	50,000	1,000	2,000	1,000	(x)	(x)	(x)	No
NM	.7–7.8	1,000	100,000	Same as Federal						No
NY [3]	[15] 2.0–14.0	1,000	23,000	800	1,600	800	17	2,500	2,500	No
NC	3.0–7.0	2,000	10,000	1,100	[16] 2,200	800	10	550	([17])	No
ND	[18] 2.0–9.0	[18] 3,000	[18] 50,000	1,000	2,000	1,000	(x)	2,300	3,400	Yes
OH [3]	.95–9.5	5,000	100,000	[19] 1,000	[19] 2,000	[19] 1,000	(x)	(x)	(x)	No
OK	[20] 5–6.0	[20] 1,000	[20] 7,500	1,000	2,000	1,000	[8] 15	[8] 2,000	[8] 2,000	Yes [20]
OR [4]	4.0–10.0	500	5,000	[5] 85	[5] 170	[5] 85	13	1,500	1,500	Yes [21]
PA [3]	2.35	Flat Rate		(x)	(x)	(x)	(x)	(x)	(x)	No
RI		24.9% of Federal income tax liability								No
SC [4]	2.0–7.0	2,000	10,000	800	1,600	800	10	1,000	2,000	Yes [22]
TN		Very limited State income tax [23]								
UT	2.75–7.75	750	3,750	750	1,500	750	[8] 15	[8] 2,000	[8] 2,000	Yes
VT		26% of Federal income tax liability								No
VA	2.0–5.75	3,000	12,000	600	1,200	600	15	2,000	2,000	No
WV	[24] 2.1–13.0	2,000	200,000	700	1,400	700	10	1,000	1,000	No
WI [4]	3.4–10.0	3,900	51,600	[5] 20	[5] 40	[5] 20	(x)	2,300	3,400	No

X Not applicable. [1] The lesser of either a) the percentage indicated, multiplied by adjusted gross income or b) the dollar value listed. [2] A State provision that allows the taxpayer to deduct fully the Federal income tax payment reduces the effective marginal tax rate for persons in the highest State and Federal tax brackets by approximately one-half the nominal tax rate—the deduction is of a lesser benefit to other taxpayers. [3] States in which one or more local governments levy a local income tax. [4] Indexed by an inflation factor. Colorado, Iowa, and Wisconsin have suspended indexing through at least 1984. Oregon and South Carolina are scheduled to begin indexing in 1984. [5] Tax credit. [6] There is an income tax on interest and dividend income only. The rate of this tax ranges from 6% of interest and dividend income for taxpayers with an AGI of $50,000–$59,999 to 13% of such income of taxpayers with an AGI over $100,000. Capital gains are taxed at 7% after an exemption of $100 is applied. [7] Federal income tax deduction limited to $300 ($600 married). [8] A minimum standard deduction exists. In instances where the percentage standard deduction is less than the minimum, the minimum deduction amount should be taken. [9] Tax cannot reduce after-tax income of taxpayer to below $5,000. [10] Rate includes a 7.5% surcharge which has been in effect since 1976. 10% (flat rate) imposed on net gains, interest and dividends. Tax cannot reduce after-tax income to below $3,000 ($5,000 married couple). [11] Exemption is the smaller of $4,400 or $3,000 plus the income of the spouse having the smaller earned income. [12] The rate will drop to 5.35 in January 1985. [13] There is a 5% tax on dividend and interest income (excluding income from savings bank deposits) in excess of $1,200 ($2,400, married.) [14] No taxpayer is subject to tax if gross income is $3,000 or less ($1,500 married, filing separately). [15] No tax due from individuals with an adjusted gross income of $2,500 or less, or married head of household, or surviving spouse of $5,000 or less. [16] An additional exemption of $1,100 is allowed the spouse with the smallest income. Joint returns not allowed. [17] An additional $550 is allowed a married woman with separate income. Joint returns are not allowed. [18] Taxpayers have the option of paying a tax of 10.5% of the taxpayers adjusted Federal income tax liability. [19] Taxpayers may choose between a $1,000 personal income exemption for each exemption, or a $650 personal exemption plus a $20 tax credit for each exemption. [20] These tax rates and brackets apply to single persons not deducting Federal income tax. For individuals deducting Federal income tax, rates range from .5% of the first $1,000 to 17% on income over $49,000. [21] Federal tax deduction limited to $7,000 ($3,500 married, filing separately). [22] Federal tax deduction limited to $500. [23] Interest and dividends taxed at 6%; dividends from Tennessee corporations taxed at 4%. [24] A 12% surcharge on the tax liability for taxpayers with taxable income over $10,000 levied until July 1985.

Source: Advisory Commission on Intergovernmental Relations, Washington, DC, *Significant Features of Fiscal Federalism, 1983–84*, forthcoming.

No. 458. Gross Revenue of Selected States from Parimutuel and Amusement Taxes and Lotteries, 1980 to 1982, and by State, 1982

[For fiscal years; see text, p. 259]

Year and State	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	Amusement taxes (mil. dol.)	Lottery revenue	
				Total (mil. dol.) [1]	Percent for prizes
1980	3,153.7	731.5	234.1	2,188.1	52.3
1981	3,724.5	751.8	259.6	2,713.1	52.4
1982 [2]	**4,572.3**	**730.3**	**309.8**	**3,532.2**	**52.2**
AZ	125.0	10.9	(x)	114.1	45.1
AR	17.3	17.3	(x)	(x)	(x)
CA	122.9	122.9	(x)	(x)	(x)
CO	10.2	9.9	.3	(x)	(x)
CT	228.3	56.7	11.9	159.7	55.0
DE	24.3	.8	(x)	23.5	56.6
FL	111.1	108.8	2.3	(x)	(x)
IL	384.7	66.7	7.5	310.5	50.9
KY	14.4	14.1	.3	(x)	(x)
LA	21.8	21.6	.2	(x)	(x)
ME	11.3	1.6	(x)	9.7	49.1
MD	452.1	17.0	1.0	434.1	48.6
MA	253.0	33.3	9.7	210.0	57.7
MI	506.2	23.0	.1	483.1	55.9
NE	9.4	8.6	.8	(x)	(x)
NV	163.5	.3	163.2	(x)	(x)
NH	20.6	7.3	(x)	13.3	44.0
NJ	597.8	13.8	103.2	480.8	53.8
NM	2.2	2.1	.1	(x)	(x)
NY	492.6	104.8	.9	386.9	49.4
OH	371.5	26.2	(x)	345.3	50.6
OR	5.3	5.3	(x)	(x)	(x)
PA	550.4	26.4	.2	523.8	52.3
RI	41.8	7.9	.1	33.8	55.4
SC	5.8	(x)	5.8	(x)	(x)
SD	2.6	2.6	(x)	(x)	(x)
VT	4.5	1.0	(x)	3.5	53.3
WA	6.8	6.8	(z)	(x)	(x)
WV	12.4	12.4	(x)	(x)	(x)

X Not applicable. Z Less than $50,000. [1] Excludes commissions. [2] Includes States whose gross revenues were less than $1,000,000.

Source: U.S. Bureau of the Census, *State Government Finances in 1982*, series GF82, No. 3, and earlier issues.

No. 459. State Government Revenue from Severance Taxes, by State: 1975 to 1983

[**In millions of dollars.** Severance taxes are taxes imposed distinctively on the removal of natural products, such as oil, gas, other minerals, timber, and fish; from land or water and measured by value and/or quantity of products removed or sold. See source for information on particular taxes (including changes in tax rates) and additional analytical detail. For fiscal years see text, p. 259. For composition of regions, see fig. I, inside front cover]

Region and State	1975	1980	1982	1983, prel.
Total	**1,741**	**4,208**	**7,830**	**7,397**
Region:				
Northeast	.2	.3	(z)	.1
Midwest	54.0	224.2	409.8	370.4
South	1,514.7	2,892.5	4,733.1	4,487.0
West	188.9	1,090.5	2,686.7	2,538.9
Alabama	10.9	32.4	63.5	77.1
Alaska	26.6	506.5	1,571.6	1,494.0
Arkansas	7.3	18.1	29.8	28.3
California	2.3	26.0	27.9	28.7
Colorado	2.4	31.1	49.2	27.1
Florida	30.0	121.3	157.6	137.9
Idaho	.5	1.9	2.5	0.8
Indiana	.5	1.6	1.8	1.6
Kansas	.7	1.1	1.0	2.3
Kentucky	99.1	177.2	256.8	221.4
Louisiana	548.5	525.3	982.1	869.5
Michigan	4.6	43.5	81.6	81.4
Minnesota	35.9	123.8	118.6	84.7
Mississippi	21.6	52.5	117.0	114.8
Missouri	(x)	(z)	(z)	(z)
Montana	14.7	94.6	149.4	137.6
Nebraska	1.0	2.9	6.0	5.2
Nevada	.2	(z)	(x)	(x)
New Hampshire	.2	.3	(z)	0.1
New Mexico	71.2	213.6	377.8	351.3
North Carolina	(x)	1.3	1.2	1.1
North Dakota	6.9	43.9	186.7	184.5
Ohio	3.9	4.6	4.0	4.0
Oklahoma	128.1	436.1	742.7	777.7
Oregon	3.1	50.6	50.5	49.7
South Dakota	(x)	2.4	9.3	5.7
Tennessee	1.6	2.2	2.5	3.4
Texas	668.9	1,525.1	2,378.6	2,254.7
Utah	6.2	10.6	22.3	19.7
Virginia	.7	1.0	1.3	1.3
Washington	23.2	49.8	46.1	41.1
Wisconsin	.5	.4	.8	1.0
Wyoming	18.5	105.7	389.4	388.9

X Not applicable. Z Less than $50,000.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1983*, series GF83, No. 1, and earlier issues.

NO. 460. FINANCES OF STATE-ADMINISTERED UNEMPLOYMENT COMPENSATION SYSTEMS, 1970 TO 1983, AND BY STATE, 1983

[In millions of dollars. For fiscal year ending in year shown; see text, page 260]

YEAR, DIVISION, AND STATE	REVENUE				EXPENDITURE			ASSETS [4]		
	Total	State—		Federal advances and contributions [3]	Total	Regular	Extended and special	Total	Trust fund account [5]	Other [6]
		Contribution [1]	Interest [2]							
1970	3,090	2,524	566	(NA)	2,713	(NA)	(NA)	12,236	12,270	−33.8
1975	5,712	5,135	577	(NA)	9,536	(NA)	(NA)	6,876	6,790	86.3
1976	16,460	6,166	243	10,057	18,820	9,766	9,054	4,425	4,372	53.2
1977	15,213	8,523	232	6,459	14,611	8,601	6,010	4,956	4,931	25.4
1978	13,083	9,894	261	2,928	10,672	7,930	2,743	7,450	7,429	21.2
1979	12,866	11,761	476	630	8,828	7,789	1,040	11,359	11,314	45.3
1980	13,468	11,616	797	1,055	12,006	11,012	994	11,945	11,969	−24.4
1981	18,443	11,167	954	6,321	17,846	13,170	4,677	11,634	11,721	−87.1
1982	16,854	11,911	1,103	3,841	18,027	16,370	1,657	6,789	6,967	−178.0
1983, total [7]	**21,480**	**12,648**	**853**	**7,779**	**24,068**	**20,926**	**3,142**	**4,810**	**4,999**	**−189.4**
New England	**1,051**	**894**	**54**	**101**	**1,101**	**1,046**	**54**	**593**	**592**	**.1**
Maine	71	66	(z)	4	79	72	7	11	11	.4
New Hampshire	39	30	8	1	47	46	1	66	66	−.5
Vermont	38	31	–	7	50	44	5	(−z)	–	−.4
Massachusetts	530	470	46	14	532	511	22	438	438	.1
Rhode Island	107	97	–	9	119	101	17	22	22	−.2
Connecticut	266	200	–	66	274	272	2	56	55	.7
Middle Atlantic	**4,206**	**2,786**	**90**	**1,329**	**4,288**	**3,924**	**363**	**950**	**981**	**−30.0**
New York	1,235	1,126	90	18	1,192	1,174	18	855	876	−20.3
New Jersey	743	731	–	12	798	785	13	96	105	−8.4
Pennsylvania	2,228	929	–	1,299	2,298	1,965	332	−1	–	−1.3
East North Central	**6,702**	**2,722**	**8**	**3,974**	**6,468**	**5,126**	**1,341**	**217**	**278**	**−62.0**
Ohio	1,927	639	–	1,288	1,776	1,375	401	144	165	−21.6
Indiana	409	306	8	96	431	371	60	112	113	−1.1
Illinois	2,008	890	–	1,119	2,127	1,673	454	−27	–	−27.4
Michigan	1,698	709	–	989	1,689	1,329	359	−7	–	−6.7
Wisconsin	660	178	–	482	445	378	67	−5	(z)	−5.2
West North Central	**1,300**	**860**	**25**	**416**	**1,451**	**1,332**	**118**	**51**	**55**	**−4.7**
Minnesota	425	223	–	202	441	398	43	−6	(z)	−5.7
Iowa	326	138	(z)	188	331	282	49	−166	−166	.5
Missouri	279	274	–	5	297	292	5	25	24	1.4
North Dakota	53	42	1	11	63	57	5	−1	(z)	−1.2
South Dakota	18	16	1	1	19	18	1	8	8	−.3
Nebraska	47	39	7	1	70	69	1	56	55	.1
Kansas	152	128	16	8	230	216	14	135	134	.5
South Atlantic [7]	**1,972**	**1,402**	**291**	**278**	**2,340**	**2,151**	**187**	**1,701**	**1,705**	**−4.7**
Delaware	50	49	–	1	37	35	1	31	32	−.4
Maryland	143	110	23	10	333	320	13	123	125	−2.1
District Columbia [7]	103	25	–	48	104	90	14	8	10	−2.1
Virginia	435	401	3	31	224	219	5	46	44	1.6
West Virginia	323	149	–	174	361	301	61	−7	–	−7.3
North Carolina	278	204	42	32	477	419	58	294	294	.1
South Carolina	136	112	6	18	252	218	33	13	13	−.3
Georgia	294	162	124	7	298	287	10	359	357	1.5
Florida	313	215	93	5	358	352	6	842	840	2.2
East South Central	**1,105**	**807**	**34**	**265**	**1,187**	**1,006**	**182**	**358**	**360**	**−2.2**
Kentucky	360	246	–	134	384	321	62	42	42	.7
Tennessee	304	277	4	24	342	309	33	38	41	−3.1
Alabama	279	189	3	87	281	227	55	63	62	.2
Mississippi	142	95	27	20	180	149	32	215	215	(z)
West South Central	**1,680**	**731**	**19**	**932**	**2,143**	**2,006**	**138**	**63**	**62**	**1.7**
Arkansas	173	109	–	64	156	139	17	24	25	−1.0
Louisiana	615	222	2	391	740	637	103	2	–	2.3
Oklahoma	106	91	12	4	259	256	4	37	37	.1
Texas	786	309	5	473	988	974	14	(z)	–	.3
Mountain	**715**	**488**	**61**	**169**	**1,065**	**968**	**119**	**363**	**377**	**−13.5**
Montana	64	47	1	16	74	61	13	5	6	−1.3
Idaho	68	51	3	15	112	84	28	3	3	−.7
Wyoming	40	31	5	5	94	85	9	8	10	−1.3
Colorado	188	106	2	80	253	248	6	−2	–	−2.0
New Mexico	62	46	11	6	89	80	9	81	82	−1.0
Arizona	96	61	24	11	189	173	17	175	177	−1.9
Utah	117	86	2	29	152	129	24	2	5	−2.9
Nevada	80	60	13	7	122	108	13	91	94	−2.4
Pacific	**2,748**	**2,162**	**272**	**314**	**4,007**	**3,367**	**639**	**516**	**589**	**−74.1**
Washington	428	348	17	63	654	523	131	42	54	−12.5
Oregon	253	201	17	35	363	300	62	94	101	−6.9
California	1,878	1,460	214	204	2,931	2,401	530	152	205	−52.7
Alaska	113	91	13	9	90	77	13	118	120	−2.3
Hawaii	76	62	11	3	69	66	3	110	109	.3

– Represents zero. NA Not available. Z Less than $50,000 or $500,000. [1] State Unemployment Compensation Tax (net amount received from employers and employees including penalties and interest). [2] Credited by U.S. Government. [3] Beginning 1978, represents net contributions allowing for deductions of repayments of federal advances. [4] End of fiscal year. [5] In U.S. Treasury. [6] State clearing and benefit accounts. Minus sign indicates negative balance. [7] U.S. and divisional totals exclude DC.

Source: U.S. Bureau of the Census, *State Government Finances*, series GF No. 3, annual. Based on data reported by the U.S. Department of Labor.

NO. 461. NUMBER OF LOCAL GOVERNMENTS, BY TYPE—STATES: 1977 AND 1982

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

STATE	1977			1982								
									Special district governments			
	All local governmental units [1]	School district governments	Special district governments	All local governmental units	County governments	Municipal governments	Township governments [2]	School district governments	Total [1]	Natural resources	Fire protection	Housing and community development
U.S	**79,862**	**15,174**	**25,962**	**82,290**	**3,041**	**19,076**	**16,734**	**14,851**	**28,588**	**6,232**	**4,560**	**3,296**
AL	949	127	336	1,018	67	434	-	127	390	67	2	157
AK	150	-	-	156	8	142	-	-	6	-	-	6
AZ	420	230	106	452	14	76	-	232	130	81	-	-
AR	1,346	380	424	1,424	75	472	-	372	505	226	29	136
CA	3,806	1,109	2,227	4,102	57	428	-	1,111	2,506	525	381	87
CO	1,459	185	950	1,544	62	267	-	185	1,030	174	202	56
CT	434	16	236	479	-	33	149	16	281	-	48	91
DE	210	25	127	217	3	56	-	19	139	134	-	3
DC	2	-	1	2	-	1	-	-	1	-	-	-
FL	911	95	361	969	66	391	-	95	417	129	56	94
GA	1,263	188	387	1,268	158	533	-	187	390	30	-	210
HI	19	-	15	18	3	1	-	-	14	14	-	-
ID	972	117	612	1,018	44	198	-	117	659	178	101	12
IL	6,620	1,063	2,745	6,467	102	1,280	1,434	1,049	2,602	907	771	98
IN	2,854	307	885	2,865	91	564	1,008	305	897	115	-	52
IA	1,852	464	334	1,871	99	955	-	456	361	218	64	5
KS	3,725	327	1,219	3,795	105	627	1,367	326	1,370	261	-	102
KY	1,183	181	478	1,241	119	425	-	180	517	126	75	21
LA	458	66	30	468	62	301	-	66	39	18	-	-
ME	779	86	178	806	16	22	475	98	195	11	-	30
MD	426	-	252	439	23	152	-	-	264	193	-	20
MA	766	75	328	798	12	39	312	81	354	14	12	219
MI	2,633	606	168	2,643	83	532	1,245	599	184	85	-	-
MN	3,437	440	263	3,529	87	855	1,795	436	356	108	-	163
MS	835	166	304	858	82	292	-	169	315	234	-	60
MO	2,937	574	1,007	3,117	114	926	325	557	1,195	156	115	142
MT	958	465	311	1,029	54	126	-	399	450	118	94	20
NE	3,485	1,195	1,192	3,324	93	535	470	1,069	1,157	112	427	134
NV	182	17	132	184	16	17	-	17	134	31	18	15
NH	506	159	103	517	10	13	221	160	113	9	15	19
NJ	1,517	549	380	1,591	21	323	245	548	454	15	146	77
NM	313	88	100	319	33	96	-	89	101	71	-	6
NY	3,309	740	964	3,249	57	615	928	726	923	1	841	-
NC	874	-	302	905	100	484	-	-	321	146	-	112
ND	2,707	346	587	2,795	53	365	1,360	325	692	82	279	37
OH	3,265	631	312	3,393	88	941	1,318	669	377	97	22	54
OK	1,675	625	406	2,212	77	581	-	638	916	107	6	134
OR	1,447	375	797	1,454	36	241	-	352	825	193	248	24
PA	5,246	581	2,035	5,198	66	1,019	1,549	514	2,050	3	1	92
RI	120	3	78	122	-	8	31	3	80	4	36	27
SC	585	93	182	645	46	265	-	92	242	45	59	46
SD	1,727	194	148	1,767	64	312	996	196	199	107	16	39
TN	905	14	471	913	94	335	-	15	469	129	-	103
TX	3,883	1,138	1,425	4,180	254	1,121	-	1,124	1,681	391	18	396
UT	492	40	207	504	29	224	-	40	211	72	5	9
VT	647	272	67	664	14	57	237	273	83	14	14	8
VA	389	-	65	407	95	229	-	-	83	42	-	-
WA	1,666	302	1,060	1,734	39	265	-	300	1,130	157	414	42
WV	595	55	258	633	55	231	-	55	292	15	-	38
WI	2,518	410	190	2,592	72	580	1,269	408	263	154	-	100
WY	385	55	217	395	23	91	-	56	225	113	45	-

- Represents zero. [1] Includes other types of governments not shown separately. [2] Includes "town" governments in the 6 New England States and in Minnesota, New York, and Wisconsin.

Source: U.S. Bureau of the Census, *Census of Governments: 1977* and *1982*, vol. 1, No. 1, *Governmental Organization.*

No. 462. County, Municipal, and Township Governments, 1982, and Their Estimated Population, 1980, by Population-Size Groups

[Number of governments as of **January 1982**; population as of **April 1980**. Township governments include "towns" in the 6 New England States, Minnesota, New York, and Wisconsin]

Population-size group	County governments			Municipal governments			Township governments		
	Number, 1982	Population, 1980		Number, 1982	Population, 1980		Number, 1982	Population, 1980	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
Total	**3,041**	**203,754**	**100.0**	**19,076**	**141,036**	**100.0**	**16,734**	**50,751**	**100.0**
250,000 or more	156	102,551	50.3	57	41,311	29.3			
100,000–249,999	218	33,325	16.4	112	16,305	11.6	30	5,460	10.8
50,000–99,999	374	26,234	12.9	250	17,310	12.3	73	4,969	9.8
25,000–49,999	611	21,516	10.6	525	18,316	13.0	214	7,270	14.3
10,000–24,999	957	15,856	7.8	1,253	19,666	13.9	702	10,802	21.3
5,000–9,999				1,515	10,721	7.6	962	6,705	13.2
2,500–4,999	725	4,273	2.1	2,078	7,352	5.2	1,724	6,054	11.9
1,000–2,499				3,772	6,043	4.3	3,764	6,036	11.9
Less than 1,000				9,514	4,010	2.8	9,265	3,455	6.8

Source: U.S. Bureau of the Census, *Census of Governments: 1982*, vol. 1, No. 1, *Governmental Organization*.

No. 463. County Governments—Summary of Finances, 1975 to 1982, and Per Capita, by Population-Size Group, 1982

[Per capita based on population as of **April 1, 1980**. Covers fiscal years ending between **July 1** of preceding year and **June 30** of *year stated. Represents all counties and their dependent agencies (including dependent school systems where applicable.)*]

Item	All counties (mil. dol.)					Per capita (dollars), 1982					
						All counties		Counties with 1980 population (in 1,000) of—			
	1975	1979	1980	1981	1982	Total (3,042) [1]	Percent distribution	Less than 100 [2] (2,667) [1]	100–199.9 (183) [1]	200–299.9 (72) [1]	300 or more (120) [1]
General revenue	**32,893**	**50,197**	**54,573**	**60,583**	**66,272**	**325.24**	**100.0**	**303.74**	**273.99**	**290.59**	**361.70**
Intergovernmental revenue [3]	14,755	23,891	24,746	26,788	27,922	137.03	42.1	123.28	110.38	124.12	156.89
From State government	11,842	18,097	18,969	21,168	22,701	111.41	34.3	101.53	87.27	100.37	127.38
From Federal government	2,385	4,941	4,948	4,712	4,265	20.93	6.4	17.82	19.80	19.90	23.72
General revenue sharing	1,595	1,735	1,746	1,696	1,716	8.42	2.6	10.36	7.33	7.25	7.53
Tax revenue [3]	*12,660*	*16,958*	*18,813*	*20,667*	*22,917*	*112.47*	*34.6*	*96.94*	*96.30*	*88.61*	*132.87*
Property	10,316	13,067	14,300	15,798	17,711	86.92	26.7	76.45	74.17	70.89	101.17
Charges and misc.	5,478	9,348	11,014	13,128	15,434	75.75	23.3	83.49	67.39	77.91	71.95
General expenditure	**32,744**	**49,160**	**54,291**	**59,915**	**64,634**	**317.20**	**100.0**	**299.19**	**268.94**	**282.73**	**350.26**
Capital outlay	4,850	5,818	6,505	6,642	6,347	31.15	9.8	30.91	25.51	23.46	34.36
Other	27,894	43,342	47,786	53,273	58,287	286.05	90.2	268.28	243.43	259.27	315.90
Public welfare	6,169	8,009	8,591	9,746	10,383	50.96	16.1	26.61	38.57	57.79	70.83
Education	5,643	7,568	8,412	9,201	9,630	47.26	14.9	62.49	50.71	28.03	38.90
Highways	3,458	4,671	5,227	5,634	5,769	28.31	8.9	45.19	24.80	21.68	18.21
Hospitals	3,337	5,221	5,975	6,473	7,310	35.88	11.3	39.49	19.60	30.32	38.76
General control	1,986	3,121	3,374	3,746	4,228	20.75	6.5	17.82	18.45	20.62	23.54
Police protection	1,450	2,396	2,661	3,093	3,473	17.04	5.4	15.02	15.89	14.10	19.41
Financial administration	883	1,343	1,521	1,679	1,862	9.14	2.9	9.62	8.68	8.97	8.94
General public buildings	*824*	*1,059*	*1,072*	*1,128*	*1,145*	*5.62*	*1.8*	*6.06*	*6.43*	*5.07*	*5.18*
Health	1,428	2,506	2,806	3,182	3,833	18.81	5.9	16.91	18.81	19.67	20.04
Correction	980	1,548	1,759	2,031	2,318	11.38	3.6	(4)	(4)	(4)	(4)
Natural resources	510	594	687	721	673	3.30	1.0	2.57	2.64	3.23	4.04
Parks and recreation	741	984	1,094	1,216	1,237	6.07	1.9	2.94	4.50	4.07	9.18
Interest on general debt	*795*	*1,275*	*1,542*	*1,896*	*2,428*	*11.92*	*3.8*	*11.12*	*9.39*	*12.82*	*13.01*
Other and unallocable	4,541	8,867	9,570	10,170	10,345	50.77	16.0	43.35	50.47	56.36	80.21
Debt outstanding, end of year	**18,935**	**27,952**	**32,993**	**38,021**	**44,410**	**217.95**	**100.0**	**210.91**	**197.84**	**212.78**	**229.60**
Long-term	17,617	26,864	31,543	36,022	41,859	205.43	94.3	206.47	187.11	201.92	210.36
Short-term	1,318	1,088	1,450	1,999	2,551	12.52	5.7	4.44	10.73	10.87	19.24

[1] Figures in parentheses represent number of counties in each size group.
[2] Data are estimates subject to sampling variation; see Appendix III and source.
[3] Includes other revenues not shown separately. [4] Included in other and unallocable.

Source: U.S. Bureau of the Census, *County Government Finances*, series GF, No. 8, annual.

No. 464. Gross Assessed Value of Property and Government Revenue From Property Taxes: 1966 to 1982

[In billions of dollars, except percent. Minus sign (–) indicates decrease]

ITEM	1966	1971	1975	1976	1978	1979	1980	1981	1982
Gross assessed value of property	**499.0**	**717.8**	**1,096.3**	**1,229.1**	**1,502.2**	**[1] 1,678.8**	(NA)	**2,958.2**	(NA)
State assessed	41.6	53.5	74.8	84.8	102.2	113.5	(NA)	159.2	(NA)
Locally assessed	457.4	664.2	1,021.5	1,144.3	1,400.0	1,565.3	(NA)	2,799.0	(NA)
Real property	393.2	573.9	881.6	992.5	1,211.2	1,358.5	(NA)	2,514.9	(NA)
Percent of locally assessed	86.0	86.4	86.3	86.4	86.5	86.8	(NA)	89.8	(NA)
Net assessed value of locally taxable property [2]	484.1	694.6	1,062.9	1,189.4	1,438.4	1,607.3	(NA)	2,837.5	(NA)
Percent of gross assessed	97.0	96.8	97.0	96.8	95.8	95.7	(NA)	95.9	(NA)
Approximate market value: [3]									
Locally assessed realty	1,277.0	1,755.0	(NA)	3,202.0	(NA)	(NA)	(NA)	6,760.4	(NA)
Ordinary realty	943.0	(NA)	(NA)	2,511.8	(NA)	(NA)	(NA)	5,500.7	(NA)
REVENUE FROM PROPERTY TAXES									
Total revenue, State and local	**24.7**	**37.9**	**51.5**	**57.0**	**66.4**	**64.9**	**66.5**	**75.0**	**81.9**
Percent of general revenue	29.7	26.1	22.6	22.3	21.0	18.9	17.9	17.7	18.0
Percent of tax revenue	43.6	39.9	36.4	36.3	34.3	31.6	30.7	30.7	30.8
Revenue, State governments	.8	1.1	1.5	2.1	2.4	2.5	2.9	2.9	3.1
Percent of all revenue	1.5	1.1	.9	1.1	1.1	1.0	1.0	.9	.9
Percent of tax revenue	2.8	2.2	1.8	2.4	2.1	2.0	2.1	2.0	1.9
Revenue, local governments	23.8	36.7	50.0	54.9	64.1	62.5	65.6	72.0	78.8
Annual average percent change from prior year shown	[4] 9.3	9.0	6.6	9.7	8.1	–2.6	5.1	9.8	9.4
Percent of all revenue	40.2	36.4	32.2	30.8	29.9	26.6	25.4	25.0	25.2
Percent of tax revenue	87.1	84.6	81.6	81.2	80.0	77.5	75.9	76.0	76.0

NA Not available. [1] Includes 1978 value data for IL, IN, LA, MI, MN, MS, NV, NJ, NY, NC, PA, RI, SC, and WV. [2] Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. [3] See source for details for computation of approximate market value.
[4] Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972, 1977,* and *1982,* vol. 2; *Property Values Subject to Local General Property Taxation in the United States: 1975, 1978, and 1979,* series GSS Nos. 80, 92, and 98; and *Governmental Finances,* series GF, No. 5, annual.

No. 465. Approximate Market Value of Locally Assessed Ordinary Realty, As Indicated By Measurable Sales, By Use Category: 1981

[**In billions of dollars.** Excludes value of totally exempt property. Data are estimates subject to sampling variability. Detail may not equal the total because of independent computations at each level. See source for explanation of ordinary realty and appoximate market value]

STATE	Total	USE CATEGORY					STATE	Total	USE CATEGORY				
		Residential		Acreage	Vacant platted lots	Commercial and industrial			Residential		Acreage	Vacant platted lots	Commercial and industrial
		Total	Single-family only						Total	Single-family only			
U.S.	**5,501**	**3,633.9**	**3,316.4**	**966.4**	**342.0**	**761.3**	MO	86	52.6	49.6	27.5	3.3	9.7
AL	51	36.2	34.8	8.0	1.6	4.5	MT	21	9.7	8.7	13.7	1.1	(B)
AK	14	7.8	6.6	(B)	2.0	(B)	NE	46	18.6	17.2	32.0	1.0	4.4
AZ	88	59.5	53.2	3.8	16.6	9.3	NV	29	16.5	15.2	2.6	4.6	(B)
AR	44	20.7	20.0	25.0	2.8	3.6	NH	22	16.4	14.9	1.8	.7	3.3
CA	864	626.6	540.3	60.0	56.4	126.7	NJ	170	133.5	125.1	3.1	8.5	25.2
CO	112	67.7	65.4	10.1	10.2	20.6	NM	29	16.3	15.7	4.9	3.0	(B)
CT	94	71.6	67.1	2.3	3.9	8.4	NY	262	209.3	158.0	10.6	13.2	47.2
DE	14	9.6	9.3	1.7	.4	(B)	NC	118	71.4	68.1	23.3	5.8	19.9
DC	16	11.4	9.4	–	(B)	(B)	ND	17	4.6	4.2	16.5	.3	1.7
FL	315	203.1	185.7	37.3	38.5	42.9	OH	219	145.7	133.8	39.9	9.4	32.2
GA	103	68.1	63.4	18.5	3.8	14.2	OK	70	39.0	37.5	22.2	4.0	11.4
HI	48	34.9	33.1	5.8	3.1	(B)	OR	97	49.4	43.4	28.8	4.7	(B)
ID	26	13.1	12.4	9.6	1.1	(B)	PA	199	150.4	142.5	13.8	8.2	25.8
IL	239	142.3	125.0	75.4	7.1	33.2	RI	17	12.6	10.3	.3	1.1	2.6
IN	95	57.5	56.1	31.0	3.2	13.1	SC	55	34.1	31.7	11.0	3.4	6.4
IA	96	35.5	34.0	74.5	2.1	9.8	SD	21	6.5	5.9	16.1	.3	1.8
KS	60	24.6	23.0	57.4	1.6	5.2	TN	86	47.9	46.4	22.7	4.3	19.7
KY	51	33.4	31.4	10.9	.9	6.4	TX	387	194.9	185.2	82.4	40.0	83.0
LA	68	48.1	44.7	13.2	4.3	6.9	UT	36	24.0	22.1	4.6	2.3	(B)
ME	24	17.3	16.1	3.5	.3	3.4	VT	13	7.9	7.1	2.7	(B)	1.9
MD	97	72.9	70.2	11.3	5.0	(B)	VA	117	82.6	77.3	19.1	5.8	11.4
MA	120	97.4	82.6	2.9	4.6	16.0	WA	130	87.9	80.3	22.4	7.8	17.6
MI	170	117.9	111.4	29.0	4.6	23.1	WV	26	18.4	17.9	3.6	1.0	3.4
MN	114	65.0	59.9	45.4	2.5	11.3	WI	107	64.2	59.6	37.5	3.7	10.3
MS	37	22.0	21.2	14.2	1.3	3.3	WY	14	7.0	6.8	5.8	.7	(B)

– Represents zero. B Base too small to meet statistical standards of reliability.

Source: U.S. Bureau of the Census, *1982 Census of Governments, vol. 2, GC82(2), Taxable Property Values and Assessment Sales-Price Ratios.*

No. 466. City Governments—Summary of Finances: 1970 to 1982

[**In millions of dollars, except percent.** Represents all municipalities (see table 461) and their dependent agencies (including dependent school systems where applicable); excludes other local governments overlying city areas. See text, p. 260. Includes sample-based estimates for cities of less than 50,000; thus subject to sampling variation. See Appendix III and source]

ITEM	1970	1975	1979	1980	1981	1982	PERCENT OF TOTAL 1970	PERCENT OF TOTAL 1982
Revenue	**32,704**	**59,744**	**86,864**	**94,862**	**105,431**	**115,416**	**100.0**	**100.0**
General revenue	26,621	49,853	70,328	76,056	83,247	91,459	81.4	79.2
Intergovernmental revenue	7,906	19,648	27,598	28,270	29,841	31,636	24.2	27.4
From State governments only	6,173	13,053	15,472	15,939	16,998	18,947	18.9	16.4
Taxes	13,647	21,135	28,762	31,256	34,104	37,077	41.7	32.1
Property	9,127	13,046	16,063	16,859	18,278	19,502	27.9	16.9
Percent of total taxes	66.9	61.7	55.8	53.9	53.6	52.6	(X)	(X)
Sales and gross receipts	2,422	4,555	7,296	8,208	8,956	10,195	7.4	8.8
General	1,479	2,789	4,483	5,096	5,648	6,346	4.5	5.5
Selective	943	1,786	2,813	3,112	3,309	3,849	2.9	3.3
Income, licenses and other	2,098	3,534	5,403	6,189	6,869	7,380	6.4	6.4
Charges and miscellaneous	5,068	9,071	13,968	16,530	19,302	22,745	15.5	19.7
Current charges only	3,113	5,443	8,787	9,875	11,200	12,445	9.5	10.8
Utility and liquor store revenue	5,168	8,409	13,953	15,719	18,411	20,405	15.8	17.7
Water system	2,201	3,266	4,683	4,989	5,638	6,198	6.7	5.4
Electric power system	1,883	3,682	7,131	8,007	9,459	10,434	5.8	9.0
Gas supply system	292	448	900	1,444	1,797	2,082	.9	1.8
Transit system	671	821	1,015	1,032	1,246	1,414	2.1	1.2
Liquor stores	121	192	224	247	271	277	.4	.2
Insurance trust revenue	915	1,482	2,584	3,088	3,772	3552	2.8	3.1
Expenditure	**34,173**	**60,703**	**83,594**	**93,699**	**104,470**	**113,039**	**100.0**	**100.0**
General expenditure [1]	27,682	48,935	65,597	72,433	79,435	85,601	81.0	75.7
Police protection	2,994	5,420	7,460	8,200	8,959	9,893	8.8	8.8
Fire protection	1,762	2,968	4,083	4,535	4,973	5,426	5.2	4.8
Highways	2,499	3,861	5,286	5,977	6,745	6,996	7.3	6.2
Sewerage and other sanitation	2,553	5,229	6,969	7,907	9,159	9,618	7.5	8.5
Public welfare	2,215	3,846	3,817	3,801	4,051	4,504	6.5	4.0
Education	4,548	7,164	8,409	9,284	9,925	10,185	13.3	9.0
Libraries	407	632	778	883	956	1,031	1.2	.9
Health and hospitals	1,944	3,641	3,933	4,457	4,626	5,219	5.7	4.6
Parks and recreation	1,306	2,274	3,150	3,433	3,742	4,035	3.8	3.6
Housing and community development	1,154	1,752	2,580	3,459	4,148	4,691	3.4	4.1
Airports	435	615	922	1,100	1,245	1,413	1.3	1.3
Financial administration	457	819	1,682	1,843	1,932	2,118	1.3	1.9
General control	776	1,440	1,853	2,015	2,262	2,630	2.3	2.3
General public buildings	430	845	984	1,090	1,165	1,155	1.3	1.0
Interest on general debt	1,098	2,294	2,819	3,054	3,646	4,396	3.2	3.9
Other and unallocable	3,104	6,135	10,872	11,395	11,901	12,291	9.1	10.9
Utility and liquor store expenditure	5,489	9,896	15,329	18,274	21,586	23,726	16.1	21.0
Water system	2,337	3,776	5,247	5,933	6,894	7,663	6.8	6.8
Electric power system	1,811	3,779	7,154	8,596	10,148	10,861	5.3	9.6
Gas supply system	260	407	822	1,334	1,770	2,014	.8	1.8
Transit system	974	1,765	1,905	2,189	2,527	2,945	2.9	2.6
Liquor stores	107	169	201	222	247	243	.3	.2
Insurance trust expenditure	1,002	1,872	2,666	2,993	3,449	3,711	2.9	3.3
By character and object:								
Direct expenditure	33,792	59,989	81,822	91,692	102,403	110,798	98.9	98.0
Current operation	22,695	41,451	60,289	66,687	73,793	80,700	67.0	71.4
Capital outlay	7,103	12,054	13,472	16,285	18,580	18,835	20.8	16.7
Construction and equipment [2]	6,371	11,216	11,079	13,341	15,173	15,041	18.6	13.3
Land and existing structures [2]	733	838	2,393	2,944	3,407	3,794	2.1	3.3
Assistance payments	1,245	1,594	1,534	1,546	1,604	1,726	3.6	1.5
Interest on debt	1,547	3,018	3,861	4,182	4,976	5,826	4.5	5.2
Insurance benefits, repayments	1,002	1,872	2,666	2,992	3,449	3,711	2.9	3.3
Intergovernmental expenditure	381	714	1,772	2,007	2,068	2,241	1.1	2.0
Total salaries and wages [3]	*14,784*	*24,635*	*31,667*	*34,709*	*37,206*	*38,787*	*43.4*	*34.3*
Debt outstanding, year end	**43,773**	**65,239**	**78,075**	**86,019**	**91,302**	**100,336**	**100.0**	**100.0**
Long-term	38,870	55,789	74,953	82,346	87,086	95,549	88.8	95.2
Full faith and credit	22,005	31,886	39,020	39,570	37,791	38,637	50.3	38.5
Nonguaranteed	16,863	23,903	35,933	42,776	49,295	56,913	38.5	56.7
Short-term	4,903	9,450	3,122	3,673	4,216	4,787	11.2	4.8
Net long-term debt outstanding	36,087	51,437	67,692	72,528	76,331	83,345	82.4	83.1
Long-term debt issued	3,810	5,754	10,257	12,582	11,005	11,459	(X)	(X)
Long-term debt retired	2,310	3,656	10,858	5,541	5,651	5,469	(X)	(X)

X Not applicable. [1] Includes intergovernmental expenditure. [2] Beginning 1979, equipment included with land and existing structures. [3] Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances,* series GF No. 4, annual.

No. 467. City Governments—Per Capita Amounts For Selected Financial Items for Largest Cities: 1970 to 1982

[Cities ranked by size of population enumerated as of **April 1, 1980**, except Honolulu ranked by county population. General expenditure, taxes, and indebtedness data reflect inclusion of fiscal activity of dependent school systems, where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban areas; for details, see text, p. 260, and source. 1970 and 1982 data based on resident population enumerated as of **April 1, 1970** and **1980**, respectively; 1975 data based on resident population estimated as of **July 1, 1976**]

CITIES RANKED BY POPULATION SIZE, 1980	Population, 1980 [1] (1,000)	GENERAL EXPENDITURE			TAXES			GROSS DEBT OUTSTANDING		
		1970	1975	1982	1970	1975	1982	1970	1975	1982
New York, NY [2]	7,071	$838	$1,522	$2,221	$383	$635	$1,143	$1,101	$1,935	$1,472
Chicago, IL	3,005	205	310	589	113	188	290	326	411	386
Los Angeles, CA	2,967	169	306	493	110	175	275	483	837	948
Philadelphia, PA [2]	1,688	299	499	980	183	242	524	556	701	1,220
Houston, TX	1,594	112	224	552	82	137	287	365	495	952
Detroit, MI	1,203	234	449	950	148	208	380	438	550	787
Dallas, TX	904	159	301	496	106	176	283	348	587	722
San Diego, CA	876	137	233	390	63	100	170	176	188	154
Phoenix, AZ	790	130	312	576	72	106	171	295	497	816
Baltimore, MD [2]	787	639	1,045	1,545	222	303	465	649	644	1,123
San Antonio, TX	785	88	167	389	50	67	96	290	485	1,742
Honolulu, HI [2]	763	204	322	437	134	178	310	367	304	326
Indianapolis, IN [2]	701	127	325	628	67	121	207	205	368	423
San Francisco, CA [2]	679	603	853	1,547	300	388	672	575	732	1,316
Memphis, TN	646	294	483	761	75	110	210	588	829	919
Washington, DC [2]	638	1,011	1,960	3,532	517	741	1,923	621	1,571	2,783
Milwaukee, WI	636	219	289	563	93	116	149	344	364	621
San Jose, CA	629	156	229	414	66	105	197	235	269	250
Cleveland, OH	574	198	362	664	127	134	327	454	597	667
Columbus, OH	565	192	261	564	58	116	187	451	549	1,199
Boston, MA [2]	563	554	1,088	1,370	349	532	740	465	846	945
New Orleans, LA [2]	557	182	344	757	102	145	316	387	456	919
Jacksonville, FL [2]	541	135	381	596	74	99	190	456	1,027	1,366
Seattle, WA	494	209	390	741	75	155	303	537	943	1,032
Denver, CO [2]	491	306	581	982	136	230	456	532	720	867
Nashville-Davidson, TN [2]	456	360	606	923	171	290	507	716	940	1,547
St. Louis, MO [2]	453	225	382	851	162	251	450	254	304	455
Kansas City, MO	448	245	396	710	111	210	418	570	695	597
El Paso, TX	425	92	144	314	59	82	139	218	197	210
Atlanta, GA	425	236	422	820	92	162	302	538	1,237	2,354
Pittsburgh, PA	424	192	251	610	119	132	315	278	287	693
Oklahoma City, OK	403	232	364	455	122	164	297	251	438	881
Cincinnati, OH	385	502	856	832	114	208	348	606	647	479
Fort Worth, TX	385	123	212	444	72	116	204	296	492	631
Minneapolis, MN	371	178	407	853	92	144	217	183	424	2,226
Portland, OR	366	196	292	574	95	124	227	162	120	969
Long Beach, CA	361	260	412	880	61	142	259	82	357	583
Tulsa, OK	361	125	309	470	54	118	314	453	784	511
Buffalo, NY	358	367	726	1,377	143	224	292	519	711	689
Toledo, OH	355	171	291	599	77	104	178	193	305	483
Miami, FL	347	135	231	565	105	143	319	268	300	591
Baton Rouge, LA [2]	346	146	264	642	87	148	257	413	833	1,654
Austin, TX	345	169	324	718	61	97	199	661	899	2,899
Oakland, CA	339	232	364	670	122	164	291	251	438	1,118
Albuquerque, NM	332	181	287	553	85	64	139	399	371	1,282
Tucson, AZ	331	149	329	504	66	115	209	271	647	592
Newark, NJ	329	451	854	1,277	281	314	296	317	422	438
Charlotte NC	314	156	318	461	78	133	237	336	546	742
Omaha, NE	312	116	359	499	65	119	249	145	310	472
Louisville, KY	298	331	429	512	95	139	242	667	932	1,283
Birmingham, AL	284	136	336	548	69	150	268	397	871	1,081
Wichita, KS	279	222	377	643	71	93	179	679	833	2,860
Sacramento, CA	276	208	272	553	101	132	214	379	401	252
Tampa, FL	272	139	313	603	91	114	237	341	438	618
St. Paul, MN	270	214	345	837	83	127	177	449	718	2,316
Norfolk, VA [2]	267	411	672	1,001	140	252	424	537	739	779
Virginia Beach, VA [2]	262	284	566	901	123	223	429	321	405	914
Rochester, NY	242	531	688	1,321	169	292	457	425	964	1,023
Akron, OH	237	200	267	569	77	130	216	280	552	531
St. Petersburg, FL	237	120	224	428	86	85	158	235	233	655
Corpus Christi, TX	232	91	156	371	63	88	177	201	309	417
Jersey City, NJ	224	339	602	1,222	182	270	284	325	505	515
Anaheim, CA	222	142	235	534	70	110	217	169	310	1,302
Richmond, VA [2]	219	530	897	1,248	210	393	668	787	1,303	1,633

[1] Based on *1980 Census of Population*, vol. I, chapter A.
[2] Represents, in effect, city-county consolidated government.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 468. City Governments—Finances,

[In millions of dollars. For fiscal year closed

CITIES RANKED BY POPULATION SIZE, 1980 [1]	REVENUE								Gross debt outstanding
		General revenue						Utility revenue	
	Total [2]	Total [2]	Intergovernmental revenue		Taxes				
			From State and local govts.	From Federal Government	Total [2]	Property	*Sales and gross receipts*		
New York, NY [3]	19,913	17,741	6,348.1	980.2	8,080.8	3,636.3	2,035.9	1,335.5	10,412
Chicago, IL	2,262	1,893	285.0	461.0	872.1	341.0	435.4	142.6	1,159
Los Angeles, CA	3,346	1,783	136.4	230.7	816.2	295.4	369.3	1,300.9	2,815
Philadelphia, PA [3]	2,375	1,728	279.4	263.8	883.9	208.0	8.5	548.5	2,059
Houston, TX	1,025	844	17.3	113.9	457.5	245.9	202.6	113.8	1,519
Detroit, MI	1,721	1,426	323.3	406.1	457.2	182.3	47.2	120.3	947
Dallas, TX	551	439	6.0	50.8	255.7	135.5	114.6	71.7	853
San Diego, CA	489	402	59.3	72.2	148.6	47.7	93.2	59.5	135
Phoenix, AZ	541	479	128.5	74.7	135.0	44.8	84.2	46.3	644
Baltimore, MD [3]	1,428	1,347	694.2	125.6	365.9	235.6	33.8	33.8	883
San Antonio, TX	804	278	13.0	78.5	75.6	29.8	41.9	513.8	1,369
Honolulu, HI [3]	447	390	17.5	65.3	236.2	189.8	29.5	56.4	249
Indianapolis, IN [3]	473	463	115.6	90.1	145.4	137.3	5.0	6.0	297
San Francisco, CA [3]	1,670	1,409	379.3	177.7	456.6	204.6	121.6	141.3	895
Memphis, TN	1,158	526	237.9	47.0	135.7	100.1	20.1	577.9	594
Washington, DC [3]	2,602	2,412	16.3	983.2	1,227.4	339.1	403.1	25.3	1,777
Milwaukee, WI	520	411	169.1	41.8	94.7	89.8	1.6	22.6	395
San Jose, CA	330	295	39.9	21.5	124.2	38.0	67.9	2.7	157
Cleveland, OH	496	406	38.6	107.4	187.8	48.4	1.1	89.7	383
Columbus, OH	346	299	31.7	54.5	105.6	11.2	2.2	47.1	678
Boston, MA [3]	1,033	949	332.1	84.7	414.2	406.6	–	30.1	532
New Orleans, LA [3]	510	471	52.2	108.9	176.3	51.3	111.6	27.6	513
Jacksonville, FL [3]	751	314	52.2	30.8	102.9	70.6	25.3	427.0	739
Seattle, WA	594	391	75.8	44.4	149.8	46.6	83.5	171.9	510
Denver, CO [3]	651	576	89.5	57.5	224.7	74.7	126.1	57.3	427
Nashville-Davidson, TN [3]	850	473	79.9	44.4	230.9	126.5	85.9	351.5	705
St. Louis, MO [3]	453	398	40.5	70.2	203.9	30.4	89.5	16.8	206
Kansas City, MO	400	349	15.2	53.3	187.2	28.3	81.0	26.2	267
El Paso, TX	192	162	6.4	43.8	59.3	34.5	23.1	20.6	89
Atlanta, GA	475	407	29.5	39.9	128.3	68.2	42.0	38.2	1,000
Pittsburgh, PA	275	251	27.6	47.7	133.5	70.3	9.3	13.4	294
Oklahoma City, OK	247	226	3.6	37.8	119.8	22.6	93.8	17.5	356
Cincinnati, OH	398	333	45.7	68.2	134.1	29.1	1.1	29.9	185
Fort Worth, TX	214	172	4.5	31.0	78.5	41.6	34.7	25.9	243
Minneapolis, MN	410	309	95.1	54.5	80.7	65.5	9.4	19.6	826
Portland, OR	253	229	31.0	36.9	83.3	57.9	13.6	21.2	355
Long Beach, CA	485	345	40.7	35.0	91.5	33.7	47.7	139.8	211
Tulsa, OK	231	207	7.0	22.1	113.4	10.3	100.8	21.8	185
Buffalo, NY	517	503	231.7	118.6	104.5	93.5	8.4	14.0	247
Toledo, OH	219	203	19.2	69.4	63.1	9.7	.5	16.8	171
Miami, FL	210	192	26.8	25.3	110.5	70.6	31.8	–	205
Baton Rouge, LA [3]	257	238	25.5	38.2	88.8	20.9	61.5	2.3	572
Austin, TX	545	225	5.6	25.0	68.8	38.9	27.3	303.0	1,003
Oakland, CA	302	288	21.8	48.5	98.6	41.5	40.1	–	380
Albuquerque, NM	222	198	58.0	26.1	46.1	30.6	13.2	24.0	426
Tucson, AZ	210	169	41.6	26.3	69.0	10.1	55.4	34.8	196
Newark, NJ	436	418	266.8	14.5	97.4	77.6	9.7	16.7	144
Charlotte, NC	176	156	22.1	12.9	74.8	61.4	9.5	16.3	234
Omaha, NE	168	159	20.0	29.8	78.1	36.9	37.4	–	148
Louisville, KY	179	133	12.5	29.3	72.3	24.1	–	34.1	383
Birmingham, AL	183	166	10.5	22.3	77.0	13.9	24.9	–	310
Wichita, KS	206	183	9.8	22.8	50.2	38.6	9.4	12.7	800
Sacramento, CA	182	156	10.4	7.5	58.9	19.6	32.1	8.2	70
Tampa, FL	207	169	17.6	21.5	64.4	27.9	31.9	15.6	168
St. Paul, MN	205	185	47.8	26.0	47.8	29.8	15.3	13.6	626
Norfolk, VA [3]	316	291	93.7	35.2	113.2	56.2	43.2	18.6	208
Virginia Beach, VA [3]	253	239	82.3	15.1	112.5	61.3	38.2	13.4	240
Rochester, NY	346	331	141.1	40.7	110.6	99.9	1.0	14.9	247
Akron, OH	136	120	9.3	30.6	51.3	10.2	–	16.3	126
St. Petersburg, FL	145	126	15.4	23.6	37.8	20.0	15.7	15.8	156
Corpus Christi, TX	124	89	2.8	20.0	41.2	21.3	19.1	35.0	97
Jersey City, NJ	272	258	137.2	6.5	63.4	62.6	–	14.1	115
Anaheim, CA	242	102	8.4	8.0	47.6	16.4	28.9	139.9	286
Richmond, VA [3]	380	290	77.0	27.2	146.3	85.8	39.5	86.4	358

– Represents zero or rounds to zero.
[1] Ranks based on *1980 Census of Population*, vol. 1, chapter A (PC80-1-A).
[2] Includes categories not shown separately.
[3] Represents, in effect, city-county consolidated government.

LARGEST CITIES: 1982

in the 12 months ending **June 30, 1982.** See headnote, table 467]

EXPENDITURE										
	General expenditure									
Total [2]	Total [2]	Education	Highways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and community development	Utility expenditure	CITIES RANKED BY POPULATION SIZE, 1980 [1]
19,255	15,705	3,535.0	352.6	3,319.6	1,588.3	851.8	420.6	1,340.6	2,173	New York, NY [3]
2,042	1,771	26.5	107.7	61.0	70.5	398.1	135.5	120.3	110	Chicago, IL
2,969	1,463	-	73.3	-	1.3	318.8	141.5	126.9	1,217	Los Angeles, CA
2,335	1,654	18.0	60.6	80.3	112.9	228.1	72.9	111.6	551	Philadelphia, PA [3]
1,039	881	-	65.3	-	26.7	128.9	96.7	6.7	135	Houston, TX
1,500	1,144	11.2	49.4	-	65.7	180.1	60.3	154.8	196	Detroit, MI
588	449	-	41.5	-	6.6	70.0	41.0	5.9	107	Dallas, TX
445	341	.5	23.8	-	3.9	55.2	25.9	24.8	82	San Diego, CA
548	455	4.0	46.7	1.2	.7	73.7	32.9	17.9	87	Phoenix, AZ
1,281	1,215	344.1	237.5	5.0	103.0	89.8	48.7	60.3	34	Baltimore, MD [3]
924	306	2.7	24.7	1.2	16.3	37.2	20.1	21.1	611	San Antonio, TX
433	334	-	35.6	-	5.2	51.6	22.8	8.8	99	Honolulu, HI [3]
473	440	7.0	33.0	47.7	95.1	41.2	20.8	9.5	17	Indianapolis, IN [3]
1,398	1,050	40.1	9.4	143.7	157.1	82.7	49.5	22.0	227	San Francisco, CA [3]
1,114	505	192.9	22.5	.4	9.8	54.9	38.3	10.9	586	Memphis, TN
2,558	2,255	392.3	87.9	352.9	201.7	125.3	46.8	263.5	58	Washington, DC [3]
274	261	-	42.8	-	3.3	40.9	24.6	4.5	3	San Jose, CA
409	358	-	35.0	-	12.7	67.8	27.9	43.3	21	Milwaukee, WI
469	381	-	17.9	1.8	10.6	80.1	37.3	66.9	88	Cleveland, OH
441	319	-	17.9	.7	10.3	50.7	30.0	19.5	123	Columbus, OH
908	771	237.8	14.3	4.9	93.5	55.7	44.9	34.9	22	Boston, MA [3]
475	422	-	23.4	8.8	6.5	43.2	24.9	38.5	32	New Orleans, LA [3]
759	323	-	25.7	2.5	53.0	35.8	21.6	18.2	418	Jacksonville, FL [3]
584	366	.7	42.6	-	2.9	44.0	32.8	1.7	184	Seattle, WA
588	483	-	23.7	76.1	80.3	49.3	24.8	5.8	99	Denver, CO [3]
606	421	143.4	16.1	5.6	43.3	32.7	17.2	.1	366	Nashville-Davidson, TN [3]
421	385	3.2	16.8	.9	75.4	64.7	20.1	34.6	16	St. Louis, MO [3]
355	318	16.3	32.0	.5	22.9	48.7	22.4	16.8	27	Kansas City, MO
166	134	2.3	10.8	-	5.0	20.6	12.8	9.4	27	El Paso, TX
418	348	4.8	15.4	3.0	.2	38.4	16.6	18.2	36	Atlanta, GA
289	258	-	28.5	-	3.3	38.2	24.5	52.7	11	Pittsburgh, PA
208	183	.4	21.1	-	.2	26.1	17.8	13.7	21	Oklahoma City, OK
372	321	-	22.3	-	17.8	39.4	30.6	31.9	34	Cincinnati, OH
223	171	-	36.2	-	3.7	24.8	16.3	5.6	45	Fort Worth, TX
383	317	-	39.4	-	7.3	31.9	19.8	43.8	19	Minneapolis, MN
279	210	.9	19.3	-	1.2	38.1	24.2	14.3	51	Portland, OR
460	318	2.0	22.1	-	4.9	45.8	31.3	29.5	142	Long Beach, CA
211	170	.1	20.8	-	2.5	20.0	18.1	12.6	40	Tulsa, OK
501	493	178.2	17.0	.1	1.0	27.2	22.5	86.4	8	Buffalo, NY
229	212	-	17.6	.1	3.2	22.6	15.9	18.5	17	Toledo, OH
214	196	-	14.5	-	-	31.2	22.8	15.5	-	Miami, FL
233	222	-	14.5	2.0	19.1	24.5	10.6	7.0	4	Baton Rouge, LA [3]
606	248	.4	15.6	.5	62.1	29.3	13.3	4.0	352	Austin, TX
254	227	1.3	10.4	-	.2	32.2	21.7	17.9	-	Oakland, CA
224	184	-	16.7	-	2.4	23.9	14.9	10.0	40	Albuquerque, NM
221	167	-	19.6	.1	.1	30.4	15.3	20.2	52	Tucson, AZ
442	420	208.6	3.6	23.0	5.0	38.1	28.1	3.8	16	Newark, NJ
172	146	-	16.3	-	.1	18.9	13.5	6.4	26	Charlotte, NC
161	157	.2	21.2	-	2.6	19.0	16.4	7.3	-	Omaha, NE
195	153	-	4.6	-	4.7	23.5	15.0	35.3	37	Louisville, KY
165	157	.7	16.5	-	1.3	20.1	17.9	9.3	-	Birmingham, AL
208	180	-	25.7	-	6.4	11.9	8.5	.9	20	Wichita, KS
174	153	-	6.2	-	-	30.5	19.8	-	13	Sacramento, CA
193	164	-	6.5	-	-	21.7	14.3	6.5	18	Tampa, FL
247	226	-	17.5	-	5.4	21.2	17.5	16.8	14	St. Paul, MN
290	267	90.7	12.2	18.2	14.0	18.4	13.9	14.2	17	Norfolk, VA [3]
253	236	108.6	24.8	6.1	4.7	15.9	8.0	.9	17	Virginia Beach, VA [3]
333	319	141.5	14.3	-	-	21.3	18.3	13.9	13	Rochester, NY
154	135	-	17.8	-	3.3	14.3	9.6	18.2	19	Akron, OH
150	102	-	12.7	-	-	16.2	8.1	6.1	43	St. Petersburg, FL
127	86	-	7.4	.1	1.8	10.4	6.7	3.4	41	Corpus Christi, TX
284	273	83.6	3.7	6.2	56.7	24.6	18.3	9.8	11	Jersey City, NJ
326	117	-	15.2	-	-	20.9	10.4	11.7	208	Anaheim, CA
367	273	99.4	17.5	34.7	5.5	17.9	16.2	10.7	87	Richmond, VA [3]

Source: U.S. Bureau of the Census, *City Government Finances in 1981–82*, series GF82, No. 4.

No. 469. City Governments—Finances, by Population-Size Groups: 1982

[Represents all municipalities (see table 461) and their dependent agencies, including dependent school systems where applicable]

Item	All cities [1]	Cities having a 1980 population of—						
		Less than 50,000 [1]	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1982	19,076	18,657	250	97	23	26	17	6
Population, 1980 (1,000)	141,084	66,044	17,204	13,432	5,273	9,963	11,636	17,532
FINANCES, 1982 (mil. dol.)								
General revenue [2]	**91,459**	**26,385**	**8,829**	**8,601**	**3,361**	**7,576**	**11,291**	**25,416**
Taxes [2]	37,077	9,774	3,745	3,358	1,326	2,918	4,388	11,568
Property	19,502	5,945	2,434	2,178	624	1,232	2,180	4,909
Percent of total taxes	52.6	60.8	65.0	64.9	47.1	42.2	49.7	42.4
Sales and gross receipts	10,195	2,589	954	844	436	1,116	1,157	3,099
Intergovernmental [2]	31,636	8,117	2,559	3,000	1,071	2,452	4,592	9,845
From State governments	18,947	4,552	1,502	1,756	516	1,208	2,173	7,239
From Federal government	10,998	2,789	935	1,024	458	1,121	2,215	2,456
Revenue sharing	2,475	916	263	235	102	209	247	503
Current charges	12,445	4,471	1,346	1,270	512	1,114	1,337	2,395
Water supply and other utilities revenue [3]	20,404	8,895	1,713	1,997	659	1,399	2,179	3,562
General expenditure [2]	**85,601**	**25,103**	**8,632**	**8,488**	**3,507**	**7,073**	**10,180**	**22,618**
Police and fire protection	15,319	5,143	1,825	1,662	658	1,384	1,613	3,034
Education	10,185	1,806	1,100	1,380	524	563	1,221	3,591
Sewerage and sanitation	9,618	3,861	1,021	991	382	755	1,080	1,528
Highways	6,996	3,245	823	661	285	534	739	709
Health and hospitals	5,219	1,387	351	329	130	367	790	1,865
Housing and community development	4,691	682	434	366	190	488	670	1,861
Public welfare	4,504	101	55	131	72	113	571	3,461
Interest on general debt	4,396	1,444	458	386	201	409	500	998
Water supply and other utilities expenditure [3]	23,727	9,836	1,909	2,535	817	1,633	2,615	4,382
Gross debt outstanding	**100,336**	**36,274**	**9,611**	**9,555**	**5,532**	**9,561**	**10,891**	**18,912**
Long-term	95,549	34,696	9,026	9,038	5,228	9,236	10,428	17,897
Short-term	4,787	1,578	585	517	304	325	463	1,015
PERCENT DISTRIBUTION								
General revenue [2]	**100.0**	**28.8**	**9.7**	**9.4**	**3.7**	**8.3**	**12.3**	**27.8**
Taxes [2]	100.0	26.4	10.1	9.1	3.6	7.9	11.8	31.2
Property	100.0	30.5	12.5	11.2	3.2	6.3	11.2	25.2
Sales and gross receipts	100.0	25.4	9.4	8.3	4.3	10.9	11.3	30.4
Intergovernmental	100.0	25.7	8.1	9.5	3.4	7.8	14.5	31.1
Current charges	100.0	35.9	10.8	10.2	4.1	9.0	10.7	19.2
General expenditure [2]	**100.0**	**29.3**	**10.1**	**9.9**	**4.1**	**8.3**	**11.9**	**26.4**
Police and fire protection	100.0	33.6	11.9	10.8	4.3	9.0	10.5	19.8
Education	100.0	17.7	10.8	13.5	5.1	5.5	12.0	35.3
Sewerage and sanitation	100.0	40.1	10.6	10.3	4.0	7.8	11.2	15.9
Highways	100.0	46.4	11.8	9.4	4.1	7.6	10.6	10.1
Health and hospitals	100.0	26.6	6.7	6.3	2.5	7.0	15.1	35.7
Housing and community development	100.0	14.5	9.3	7.8	4.1	10.4	14.3	39.7
Public welfare	100.0	2.2	1.2	2.9	1.6	2.5	12.7	76.8
Interest on general debt	100.0	32.8	10.4	8.8	4.6	9.3	11.4	22.7
PER CAPITA [4] (dollars)								
General revenue [2]	**648**	**400**	**513**	**640**	**637**	**760**	**970**	**1,450**
Taxes [2]	263	148	218	250	251	293	377	660
Property	138	90	141	162	118	124	187	280
Sales and gross receipts	72	39	55	63	83	112	99	177
Intergovernmental [2]	224	123	149	223	203	246	395	562
From State governments	134	69	87	131	98	121	187	413
From Federal government	78	42	54	76	87	113	190	140
Revenue sharing	18	14	15	18	19	21	21	29
Current charges	88	68	78	95	97	112	115	137
Water supply and other utilities revenue [3]	145	135	100	149	125	140	187	203
General expenditure [2]	**607**	**380**	**502**	**632**	**665**	**710**	**875**	**1,290**
Police and fire protection	109	78	106	124	125	139	139	173
Education	72	27	64	103	99	57	105	205
Sewerage and sanitation	68	58	59	74	72	76	93	87
Highways	50	49	48	49	54	54	64	40
Health and hospitals	37	21	20	24	25	37	68	106
Public welfare	32	2	3	10	14	11	49	197
Housing and community development	33	10	25	27	36	49	57	106
Interest on general debt	31	22	27	29	38	41	43	57
Water supply and other utilities expenditure [3]	168	149	111	189	155	164	225	250
Gross debt outstanding	**711**	**549**	**559**	**711**	**1,049**	**960**	**936**	**1,079**
Long-term	677	525	525	673	991	927	896	1,021
Short-term	34	24	34	38	58	33	40	58

[1] Data are estimates subject to sampling variation, see source and Appendix III. [2] Includes items not shown separately. [3] Includes liquor stores. [4] Based on resident population enumerated as of April 1, 1980.

Source: U.S. Bureau of the Census, *City Government Finances in 1981-82*, series GF82, No. 4.

No. 470. Estimated State and Local Taxes Paid by a Family of Four in Selected Large Cities, by Income Level: 1982

[Data based on average family of four (wage earner, wife or husband, and two children) which owns its own home and lives in city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes]

City	Total tax paid by income level (dol.)						Percent of income by income level					
	$10,000	$17,000	$25,000	$35,000	$50,000	$75,000	$10,000	$17,000	$25,000	$35,000	$50,000	$75,000
Albuquerque	667	1,231	1,900	2,690	4,003	6,047	6.7	7.2	7.6	7.7	8.0	8.1
Atlanta	768	1,510	2,368	3,414	4,883	7,223	7.7	8.9	9.5	9.8	9.8	9.6
Baltimore	729	1,788	2,691	3,749	5,291	7,672	7.3	10.5	10.8	10.7	10.6	10.2
Boise City	486	1,103	1,818	2,708	4,446	6,496	4.9	6.5	7.3	7.7	8.9	8.7
Boston	2,173	3,823	5,471	7,541	10,308	14,802	21.7	22.5	21.9	21.5	20.6	19.7
Bridgeport	1,255	2,093	2,910	3,905	5,374	7,466	12.6	12.3	11.6	11.2	10.8	10.0
Burlington	708	1,314	2,006	2,886	4,394	7,103	7.1	7.7	8.0	8.3	8.8	9.5
Charlotte	636	1,219	1,925	2,781	4,026	5,945	6.4	7.2	7.7	8.0	8.1	7.9
Chicago	685	1,329	2,029	2,796	3,986	5,688	6.9	7.8	8.1	8.0	8.0	7.6
Cleveland	780	1,375	2,045	2,914	4,177	6,220	7.8	8.1	8.2	8.3	8.4	8.3
Columbia	684	1,311	2,366	2,974	4,302	6,345	6.8	7.7	8.2	8.5	8.6	8.5
Des Moines	722	1,440	2,262	3,280	4,818	7,165	7.2	8.5	9.1	9.4	9.6	9.6
Detroit	945	1,798	2,727	3,851	5,501	8,385	9.5	10.6	10.9	11.0	11.0	11.2
Honolulu	480	823	1,967	2,777	4,339	6,814	4.8	4.8	7.9	7.9	8.7	9.1
Indianapolis	899	1,511	2,157	2,968	3,994	5,735	9.0	8.9	8.6	8.5	8.0	7.7
Jackson, MS	734	1,222	1,927	2,776	4,048	5,929	7.3	7.2	7.7	7.9	8.1	7.9
Milwaukee	848	2,022	3,100	4,394	6,453	9,570	8.5	11.9	12.4	12.6	12.9	12.8
Minneapolis	360	1,298	2,242	3,814	6,002	10,440	3.6	7.6	9.0	10.9	12.0	13.9
Newark, NJ	1,798	3,094	4,328	5,811	8,047	11,399	18.0	18.2	17.3	16.6	16.1	15.2
New York City	1,010	1,984	3,244	4,933	7,424	11,366	10.1	11.7	13.0	14.1	14.9	15.2
Norfolk	730	1,341	1,992	2,797	4,013	5,812	7.3	7.9	8.0	8.0	8.0	7.8
Omaha	695	1,209	1,828	2,623	3,938	6,215	7.0	7.1	7.3	7.5	7.9	8.3
Philadelphia	1,203	2,005	2,808	3,798	5,176	7,349	12.0	11.8	11.2	10.9	10.4	9.8
Portland, ME	565	1,049	1,677	2,733	4,165	6,730	5.7	6.2	6.7	7.8	8.3	9.0
Portland, OR	780	1,497	2,429	3,493	5,051	8,038	7.8	8.8	9.7	10.0	10.1	10.7
Providence	1,143	2,088	2,994	4,342	6,294	9,720	11.4	12.3	12.0	12.4	12.6	13.0
Salt Lake City	849	1,539	2,329	3,225	4,465	6,225	8.5	9.1	9.3	9.2	8.9	8.3
St. Louis	653	1,240	1,868	2,618	3,647	5,181	6.5	7.3	7.5	7.5	7.3	6.9
Washington, DC	802	1,596	2,550	3,774	5,709	8,684	8.0	9.4	10.2	10.8	11.4	11.6
Wilmington	970	1,898	2,912	4,178	6,178	9,788	9.7	11.2	11.6	11.9	12.4	13.1

No. 471. Residential Property Tax Rates in Selected Large Cities: 1982

City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100	City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100
	Rank	Rate				Rank	Rate		
Boston	1	7.87	34.1	23.09	Jacksonville	27	1.50	95.6	1.57
Newark, NJ	2	5.82	50.0	11.64	Cleveland	28	[4] 1.46	35.0	6.85
Detroit	3	3.94	50.0	7.88	Oklahoma City	29	1.41	12.0	11.73
Indianapolis	4	3.78	33.3	11.35	Fargo	30	1.33	4.4	30.19
Wilmington	5	3.34	70.0	4.78	Louisville	31	1.23	90.0	1.37
Providence	6	3.22	57.2	5.62	Salt Lake City	32	1.23	15.3	8.01
Milwaukee	7	2.94	97.5	3.02	Boise City	33	1.22	95.6	1.27
Bridgeport	8	2.79	30.0	9.29	Norfolk	34	1.19	91.5	1.30
Baltimore	9	2.74	44.2	6.20	Washington, DC	35	1.15	94.1	1.22
Philadelphia	10	2.70	40.0	6.75	Columbia	36	1.06	3.6	29.39
Manchester	11	2.63	34.0	7.74	New Orleans	37	1.03	10.0	10.26
Atlanta	12	2.47	40.0	6.17	Charlotte	38	1.00	54.9	1.82
Des Moines	13	2.46	[1] 67.2	3.66	Little Rock	39	.91	11.0	8.28
Portland, ME	14	2.44	55.0	4.43	Anchorage	40	.89	100.0	.89
Minneapolis	15	2.27	[2] 21.5	10.55	Seattle	41	.86	87.8	.98
Albuquerque	16	2.16	33.3	6.47	Wichita	42	.84	7.6	11.05
Jackson, MS	17	2.11	26.0	8.10	Charleston, WV	43	.84	62.0	1.35
Omaha	18	2.10	80.0	2.63	Billings	44	.81	4.0	20.29
Portland, OR	19	2.10	83.8	2.51	Denver	45	.80	9.0	8.93
Chicago	20	1.99	[3] 19.8	10.05	Las Vegas	46	.72	28.0	2.56
Sioux Falls	21	1.97	29.0	6.80	Los Angeles	47	.72	65.0	1.10
Houston	22	1.76	100.0	1.76	Phoenix	48	.71	[5] 9.59	7.40
Memphis	23	1.74	25.0	6.97	Birmingham	49	.69	10.0	6.85
Burlington	24	1.66	24.0	6.90	Casper	50	.63	7.9	8.00
New York City	25	1.66	18.5	8.95	Honolulu	51	([6])	45.0	([7])
St. Louis	26	1.56	24.9	6.25					

[1] Assessment level of 100% × statewide factor of 67.2223%. [2] Statutory assessment levels: 16% first $27,000, 22% next $27,000, and 28% over $54,000. Level noted is for $75,000. [3] Assessment level of 10.25% × statewide equalization factor of 1.9288%. [4] Effective rate=nominal rate × assessment level (35%) minus residential rollback (30.18%) minus statewide rollback (12.5%). [5] Weighted average of normal assessment level (10.0%) and budget override level (8.0%). [6] .63 for buildings; .54 for land. [7] 1.39 for buildings; 1.19 for land.

Source of tables 470 and 471: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, DC Compared With Those in The Largest City in Each State, 1982.*

No. 472. Governmental Employment and Payrolls: 1960 to 1983

[For **October**. Covers both full-time and part-time employees. See table 711 for related data. Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 272-307]

TYPE OF GOVERNMENT	1960 [1]	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
EMPLOYEES (1,000)											
Total	**8,808**	**10,589**	**13,028**	**14,973**	**15,459**	**15,628**	**15,971**	**16,213**	**15,968**	**15,918**	**16,034**
Federal (civilian) [2]	2,421	2,588	2,881	2,890	2,848	2,885	2,869	2,898	2,865	2,848	2,875
State and local	6,387	8,001	10,147	12,084	12,611	12,743	13,102	13,315	13,103	13,071	13,159
Percent of total	72.5	75.6	77.9	80.7	81.6	81.5	82.0	82.1	82.1	82.1	82.1
State	1,527	2,028	2,755	3,271	3,491	3,539	3,699	3,753	3,726	3,747	3,816
Local	4,860	5,973	7,392	8,813	9,120	9,204	9,403	9,562	9,377	9,324	9,344
Counties	(NA)	979	1,229	1,563	1,761	1,768	1,804	1,853	1,808	1,804	1,811
Municipalities	(NA)	1,884	2,244	2,506	2,469	2,509	2,553	2,561	2,469	2,460	2,424
School districts	(NA)	2,598	3,316	3,969	4,127	4,113	4,200	4,270	4,222	4,182	4,211
Townships	(NA)	282	330	392	361	411	401	394	386	377	379
Special districts	(NA)	228	275	383	402	403	445	484	492	502	519
OCTOBER PAYROLLS (mil. dol.)											
Total	**3,333**	**4,884**	**8,334**	**13,224**	**15,338**	**16,483**	**18,077**	**19,935**	**21,193**	**23,124**	**24,525**
Federal (civilian) [2]	1,118	1,484	2,428	3,584	3,918	4,344	4,728	5,205	5,239	5,959	6,301
State and local	2,215	3,400	5,906	9,640	11,420	12,139	13,349	14,730	15,954	17,165	18,224
Percent of total	66.5	69.6	70.9	72.9	74.5	73.7	73.8	73.9	75.3	74.2	74.3
State	524	849	1,612	2,653	3,195	3,483	3,869	4,265	4,668	5,028	5,346
Local	1,691	2,551	4,294	6,987	8,225	8,656	9,480	10,445	11,287	12,137	12,878
Counties	(NA)	377	640	1,183	1,489	1,564	1,726	1,936	2,083	2,254	2,387
Municipalities	(NA)	818	1,361	2,129	2,412	2,535	2,729	2,951	3,222	3,425	3,640
School districts	(NA)	1,189	2,032	3,160	3,707	3,897	4,272	4,683	5,021	5,403	5,729
Townships	(NA)	81	122	215	250	269	291	330	349	377	398
Special districts	(NA)	87	140	300	367	392	463	546	612	678	724
AVERAGE ANNUAL PERCENT CHANGE [3]											
Employees, total	**3.5**	**3.8**	**4.2**	**2.8**	**2.1**	**1.1**	**2.2**	**1.5**	**−1.5**	**−.3**	**.7**
Federal (civilian) [2]	.4	1.3	2.2	.6	−.7	1.3	−.5	1.0	−1.2	−.6	.9
State	(NA)	5.8	6.3	3.5	3.3	1.4	4.5	1.5	−.7	.6	1.8
Local	(NA)	4.2	4.4	3.6	1.7	.9	2.2	1.7	−1.9	−.6	.2
Counties	(NA)	(NA)	4.7	4.9	5.2	.4	2.0	2.7	−2.4	−.2	.4
Municipalities	(NA)	(NA)	3.6	2.2	−.7	1.6	1.8	.3	−3.6	−.4	−1.5
School districts	(NA)	(NA)	5.0	3.7	2.0	−.3	2.1	1.7	−1.1	−.9	.7
Townships	(NA)	(NA)	3.2	3.5	−4.0	13.9	−2.4	−1.7	−2.0	−2.3	.5
Special districts	(NA)	(NA)	3.8	6.9	2.5	.2	10.4	8.8	1.7	2.0	3.4
Payrolls, total	**8.0**	**7.9**	**11.3**	**9.4**	**7.7**	**7.5**	**9.7**	**10.3**	**6.3**	**9.1**	**6.1**
Federal (civilian) [2]	5.7	5.8	10.3	8.1	4.6	10.9	8.7	10.1	.6	13.7	5.7
State	(NA)	10.1	13.7	10.5	9.7	9.0	11.1	10.8	8.9	7.7	6.3
Local	(NA)	8.6	11.0	10.2	8.5	5.2	9.5	10.2	8.1	7.5	6.1
Counties	(NA)	(NA)	11.2	13.1	12.2	5.0	10.4	12.2	7.6	8.2	5.9
Municipalities	(NA)	(NA)	10.7	9.4	6.4	5.1	7.7	8.1	9.2	6.3	6.3
School districts	(NA)	(NA)	11.3	9.2	8.3	5.1	9.6	9.6	7.2	7.6	6.0
Townships	(NA)	(NA)	8.5	12.0	7.8	7.6	8.2	13.4	5.8	8.0	5.6
Special districts	(NA)	(NA)	10.0	16.5	10.6	6.8	18.1	17.9	12.1	10.8	6.8

NA Not available. [1] *Due to classification change in subsequent year, type of government detail not available.* [2] Includes employees outside U.S. [3] Represents average for period of interval shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (−) indicates decrease.

No. 473. Governmental Employment and Payrolls, by Level of Government and by Function: 1983

[For **October**. Covers both full-time and part-time employees. Local government data are estimates subject to sampling variation; see source and Appendix III]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLLS (mil. dol.)				
	Total	Federal (civilian) [1]	State and local			Total	Federal (civilian) [1]	State and local		
			Total	State	Local			Total	State	Local
Total	**16,034**	**2,875**	**13,159**	**3,816**	**9,344**	**24,525**	**6,302**	**18,224**	**5,346**	**12,878**
National defense [2]	1,042	1,042	(x)	(x)	(x)	2,155	2,155	(x)	(x)	(x)
Postal Service	669	669	(x)	(x)	(x)	1,512	1,512	(x)	(x)	(x)
Education	6,807	16	6,792	1,666	5,125	9,045	37	9,007	1,989	7,018
Teachers	3,808	(x)	3,808	495	3,313	6,328	(x)	6,328	914	5,414
Highways	532	5	527	243	284	789	12	777	393	384
Health and hospitals	1,668	269	1,399	670	730	2,415	533	1,882	953	929
Public welfare	409	12	397	176	221	560	28	532	263	269
Police protection	735	64	671	76	595	1,306	161	1,145	145	1,000
Fire protection	310	(x)	310	(x)	310	477	(x)	477	(x)	477
Sanitation and sewerage	216	(x)	216	1	215	315	(x)	315	1	314
Parks and recreation	249	(x)	249	29	220	245	(x)	245	34	212
Natural resources	440	244	196	159	37	836	560	277	232	44
Financial administration	414	108	306	119	187	633	216	417	184	233
All other	2,545	449	2,096	676	1,420	4,238	1,088	3,150	1,151	1,999

X Not applicable. [1] Includes employees outside United States. [2] Includes international relations.

Source of tables 472 and 473: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

No. 474. State and Local Government Employment, Payrolls, and Average Earnings, by Type of Government: 1960 to 1983

[Local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Y 274–289 and Y 292–307]

TYPE OF GOVERNMENT AND FUNCTION	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
	EMPLOYEES, OCTOBER (1,000)									
Total	**6,387**	**8,001**	**10,147**	**12,084**	**12,743**	**13,102**	**13,315**	**13,103**	**13,071**	**13,159**
Full-time	5,320	6,595	8,024	9,397	9,946	10,193	10,314	10,214	10,138	10,162
Part-time	1,067	1,406	2,123	2,687	2,797	2,909	3,000	2,889	2,933	2,997
FULL-TIME EQUIVALENT										
State and local	5,570	6,937	8,528	10,098	10,724	10,944	11,047	10,917	10,829	10,885
Education	2,525	3,337	4,258	4,952	5,202	5,291	5,341	5,302	5,214	5,237
Health and hospitals	654	789	951	1,134	1,256	1,279	1,296	1,294	1,295	1,290
Police protection	304	349	450	544	566	589	591	596	599	606
Public welfare	114	170	250	339	364	366	372	369	372	376
Other	1,973	2,292	2,621	3,130	3,337	3,419	3,447	3,356	3,349	3,376
State, total [1]	1,411	1,751	2,302	2,744	2,966	3,072	3,106	3,087	3,083	3,116
Education	390	509	803	952	1,016	1,046	1,063	1,063	1,051	1,072
Health and hospitals	331	392	482	570	635	653	650	654	657	638
Highways	240	284	297	271	260	257	255	244	241	239
Local, total [1]	4,159	5,186	6,226	7,354	7,758	7,871	7,941	7,830	7,746	7,769
Education	2,136	2,829	3,455	4,000	4,187	4,245	4,278	4,240	4,163	4,165
Health and hospitals	324	397	469	562	621	626	646	639	638	652
Police protection	272	308	394	476	495	516	519	523	524	530
Highways	259	266	271	298	295	285	277	265	265	265
Counties [1]	672	893	1,098	1,408	1,606	1,621	1,651	1,609	1,598	1,601
Education	(NA)	(NA)	228	279	331	341	351	344	345	345
Health and hospitals	(NA)	(NA)	227	281	327	323	325	320	309	309
Public welfare	(NA)	(NA)	111	139	150	153	158	156	154	157
Municipalities [1]	1,447	1,638	1,922	2,142	2,163	2,190	2,166	2,111	2,079	2,060
Education	(NA)	(NA)	359	376	361	366	360	346	322	300
Health and hospitals	(NA)	(NA)	158	165	170	165	166	163	162	163
Police protection	(NA)	(NA)	299	349	355	366	365	365	364	369
Fire protection	(NA)	(NA)	169	184	182	203	190	191	189	189
School districts	1,727	2,287	2,786	3,243	3,393	3,435	3,468	3,453	3,403	3,428
Townships	302	177	192	237	245	250	249	245	245	242
Special districts		191	228	324	351	374	406	413	421	438
	PAYROLLS, OCTOBER (mil. dol.)									
Total	**2,215**	**3,400**	**5,906**	**9,640**	**12,139**	**13,349**	**14,730**	**15,954**	**17,165**	**18,224**
Full-time	(NA)	3,251	5,598	9,018	11,335	12,506	13,792	14,953	16,091	17,048
Part-time	(NA)	150	309	622	804	843	938	1,002	1,074	1,175
Education	1,095	1,778	3,170	4,960	6,186	6,757	7,451	8,002	8,526	9,007
Health and hospitals	198	292	529	909	1,186	1,322	1,476	1,627	1,780	1,882
Police protection	129	184	339	585	722	814	869	975	1,063	1,145
Public welfare	39	72	150	272	350	380	413	459	495	532
Other	755	1,075	1,719	2,916	3,695	4,076	4,522	4,892	5,301	5,658
State, total [1]	545	849	1,612	2,653	3,483	3,869	4,285	4,668	5,026	5,346
Education	172	290	630	1,022	1,333	1,451	1,608	1,768	1,874	1,989
Health and hospitals	104	150	283	472	625	692	761	837	914	953
Highways	90	129	193	251	298	314	346	354	370	393
Local, total [1]	1,691	2,551	4,294	6,987	8,656	9,480	10,445	11,287	12,137	12,878
Education	923	1,488	2,539	3,939	4,853	5,306	5,843	6,234	6,652	7,018
Health and hospitals	93	141	246	437	561	630	714	789	866	929
Police protection	116	163	296	510	626	708	750	851	925	1,000
Highways	88	110	149	238	282	298	314	333	360	384
Counties [1]	229	377	640	1,183	1,564	1,726	1,936	2,083	2,254	2,387
Education	(NA)	89	149	252	357	391	444	479	513	544
Health and hospitals	(NA)	66	117	217	289	320	362	393	419	443
Public welfare	(NA)	30	61	106	131	147	159	173	185	197
Municipalities [1]	583	818	1,361	2,129	2,535	2,729	2,951	3,222	3,425	3,640
Education	(NA)	170	299	425	478	514	564	583	581	581
Health and hospitals	(NA)	56	90	143	170	178	189	212	227	249
Police protection	(NA)	130	231	384	465	515	534	608	657	713
Fire protection	(NA)	84	137	217	252	281	300	341	369	394
School districts	735	1,189	2,032	3,160	3,897	4,272	4,683	5,021	5,403	5,729
Townships	118	80	122	215	269	291	330	349	377	398
Special districts		87	140	300	392	463	546	612	678	724
	AVERAGE OCTOBER EARNINGS (dol.)									
Full-time employees:										
State and local	399	493	697	961	1,139	1,227	1,337	1,464	1,587	1,678
Education	437	538	756	1,013	1,201	1,285	1,402	1,514	1,640	1,727
Other	368	452	642	912	1,085	1,175	1,279	1,419	1,540	1,634

NA Not available. [1] Includes other categories not shown separately.

Source: U.S. Bureau of the Census, *Public Employment,* series GE No. 1, annual, and unpublished data.

No. 475. State and Local Government—Employment (Full-Time) and Salary, by Sex and Race/Ethnic Group: 1973 to 1981

s of **June 30.** Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 48 in 1975, 47 in 1977, 45 in 1978, 48 in 1979, 42 in 1980 and 49 in 1981) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more nonelected, nonappointed full-time employees. For definition of median, see Guide to Tabular Presentation]

SEX AND RACE/ETHNIC GROUP	EMPLOYMENT (1,000)							MEDIAN ANNUAL SALARY ($1,000)						
	1973	1975	1977	1978	1979	1980	1981	1973	1975	1977	1978	1979	1980	1981
Total	**3,809**	**3,899**	**4,415**	**4,447**	**4,576**	**3,987**	**4,665**	**8.6**	**9.8**	**10.9**	**11.7**	**12.3**	**13.3**	**15.6**
Male	2,486	2,436	2,737	2,711	2,761	2,350	2,740	9.6	11.3	12.4	13.3	14.1	15.2	17.7
Female	1,322	1,464	1,678	1,736	1,816	1,637	1,925	7.0	8.2	9.1	9.7	10.4	11.4	13.1
White	3,115	3,102	3,480	3,481	3,568	3,146	3,591	8.8	10.2	11.3	12.0	12.8	13.8	16.1
Minority group, total [1]	693	797	935	966	1,008	842	1,074	7.5	8.8	9.7	10.4	10.9	11.8	13.5
Black	523	602	705	723	751	619	760	7.4	8.6	9.5	10.1	10.6	11.5	13.3
Hispanic [2]	125	147	175	181	192	163	205	7.4	8.9	9.9	10.7	11.4	12.3	14.7

[1] Includes other minority groups, not shown separately. [2] Prior to 1977, this ethnic group was classified as "Spanish-surnamed American."

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report,* annual.

No. 476. State and Local Government—Employment (Full-Time) and Salary, by Occupation, Sex, and Race/Ethnic Group: 1981

[As of **June 30.** See headnote, table 475]

SEX AND RACE/ETHNIC GROUP	Total	Officials/ administrators	Professionals	Technicians	Protective service	Paraprofessionals	Office/ clerical	Skilled craft	Service/ maintenance
NUMBER EMPLOYED (1,000)									
Total	**4,665**	**245**	**891**	**482**	**667**	**397**	**862**	**379**	**742**
Male	2,740	182	494	283	601	117	104	365	594
Female	1,925	63	397	199	66	281	758	14	147
White	3,591	215	748	388	568	258	653	308	453
Minority group, total [1]	1,074	30	143	94	99	139	209	71	289
Black	780	20	90	59	70	118	147	46	230
Hispanic	205	7	26	16	24	16	44	20	51
PERCENT DISTRIBUTION									
Total	**100.0**	**5.3**	**19.1**	**10.3**	**14.3**	**8.5**	**18.5**	**8.1**	**15.9**
Male	100.0	6.6	18.0	10.3	21.9	4.3	3.8	13.3	21.7
Female	100.0	3.3	20.6	10.3	3.4	14.6	39.4	.7	7.6
White	100.0	6.0	20.8	10.8	15.8	7.2	18.2	8.6	12.6
Minority group, total [1]	100.0	2.8	13.3	8.8	9.2	12.9	19.5	6.6	26.9
Black	100.0	2.6	11.5	7.6	9.0	15.1	18.8	5.9	29.5
Hispanic	100.0	3.4	12.7	7.8	11.7	7.8	21.5	9.8	24.9
MEDIAN ANNUAL SALARY ($1,000)									
Total	**15.6**	**24.4**	**20.0**	**16.2**	**18.2**	**11.8**	**12.0**	**16.7**	**12.8**
Male	17.7	26.6	22.5	18.2	18.7	13.1	13.5	16.9	13.5
Female	13.1	19.2	18.1	13.9	14.5	11.4	11.8	11.5	10.6
White	16.1	24.6	20.1	16.4	18.3	12.0	12.0	16.7	13.1
Minority group, total [1]	13.5	21.7	18.6	14.9	17.5	11.7	11.9	16.3	12.7
Black	13.3	21.2	18.3	14.4	16.9	11.4	11.7	15.8	12.1
Hispanic	14.7	22.7	20.4	16.3	18.6	12.0	12.0	16.7	12.8

[1] Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report, 1981.*

No. 477. State and Local Government Employment (Full-Time Equivalent) and Payrolls, by Selected Function, 1970 to 1983, and by State, 1983

[For **October**. Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III]

State	Employment (1,000)						October payrolls (mil. dol.)					
	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare
	Total	Local schools only [1]					Total	Local schools only				
1970	4,257.5	3,350.8	950.9	568.2	639.5	249.8	3,169.7	2,442.4	529.3	341.4	491.1	149.5
1975	4,951.8	3,822.9	1,134.2	569.6	758.7	339.4	4,960.3	3,727.8	909.0	468.9	835.4	272.3
1976	5,002.7	3,861.6	1,148.9	551.4	760.4	342.2	5,310.4	3,992.8	981.4	505.0	891.7	298.1
1977	5,133.9	3,950.5	1,239.8	548.2	780.7	356.2	5,845.5	4,366.6	1,113.0	530.1	982.2	329.4
1978	5,202.3	4,002.5	1,256.2	555.0	780.9	363.6	6,186.2	4,610.2	1,186.2	560.4	1,020.1	349.5
1979	5,291.3	4,064.9	1,278.7	542.2	826.3	366.0	6,757.0	5,035.0	1,322.1	612.0	1,145.9	379.9
1980	5,341.1	4,083.6	1,296.2	532.8	817.5	371.9	7,450.9	5,521.8	1,475.5	660.3	1,223.4	413.2
1981	5,302.1	4,048.1	1,293.6	509.6	826.2	369.2	8,002.0	5,982.5	1,625.5	686.7	1,384.2	458.7
1982	5,213.5	3,968.6	1,295.4	506.1	828.5	372.3	8,526.4	6,276.0	1,779.7	729.3	1,509.3	495.4
1983	**5,238.9**	**3,990.0**	**1,289.8**	**504.9**	**836.2**	**375.6**	**9,007.3**	**6,667.4**	**1,882.0**	**777.2**	**1,622.0**	**532.2**
AL	90.6	65.5	34.5	10.6	12.3	5.0	122.8	80.6	41.1	12.7	16.2	6.6
AK	17.4	12.3	1.4	3.8	1.8	1.2	48.0	36.4	3.6	9.3	5.2	2.5
AZ	71.7	50.6	7.4	5.5	11.0	2.8	131.7	88.7	11.9	9.1	22.4	4.0
AR	55.7	42.2	12.4	6.7	6.0	2.4	69.1	48.1	14.2	8.1	7.9	2.9
CA	493.3	361.4	122.7	32.1	95.0	34.0	1,059.5	760.2	229.4	63.2	237.6	55.3
CO	75.7	55.3	15.9	7.2	11.1	3.6	132.7	90.7	25.4	12.7	21.8	6.0
CT	68.2	55.5	12.9	7.6	12.8	4.0	121.5	97.0	20.4	14.1	25.2	6.3
DE	14.7	9.9	3.4	1.7	1.8	.7	25.0	15.6	4.1	2.4	3.3	.9
DC	11.5	9.9	5.4	1.1	5.9	2.1	26.8	23.2	11.6	2.2	15.2	4.5
FL	202.8	160.6	61.4	19.2	43.1	10.1	316.6	239.2	95.5	25.2	76.3	16.7
GA	137.2	109.8	71.1	13.0	20.9	6.4	166.2	134.3	90.1	15.6	29.2	8.5
HI	22.3	16.3	5.1	1.9	4.1	1.0	38.4	26.7	7.2	3.0	6.0	1.4
ID	29.7	17.6	4.8	3.0	2.9	1.3	33.2	23.6	6.4	4.5	4.5	1.7
IL	230.3	174.3	40.6	16.5	50.3	15.1	446.2	326.4	62.5	35.0	104.7	20.8
IN	128.8	95.6	29.2	10.3	16.5	7.2	219.2	147.1	40.5	12.9	24.5	7.7
IA	77.0	55.5	17.6	9.8	7.3	5.8	127.9	86.0	24.3	13.1	12.4	7.6
KS	68.6	49.8	12.5	8.3	8.1	3.4	99.6	70.2	15.6	11.3	12.5	4.8
KY	83.0	62.4	13.7	7.7	9.7	4.2	121.8	86.6	16.3	11.2	14.7	5.6
LA	111.8	83.8	32.3	13.3	15.5	5.0	163.3	114.3	38.0	17.7	23.7	6.0
ME	28.9	23.2	3.1	4.1	3.3	1.7	38.3	29.5	4.3	5.7	5.0	2.4
MD	100.9	71.6	23.6	9.9	18.1	7.4	194.2	144.2	37.5	14.9	35.7	10.6
MA	114.6	87.7	32.6	10.5	28.2	9.2	202.8	173.0	45.2	16.6	55.0	13.7
MI	209.2	151.7	43.8	13.8	27.5	16.1	430.8	318.4	78.0	25.6	61.1	29.0
MN	97.4	72.8	23.1	10.9	9.8	10.9	178.3	125.8	35.0	21.5	21.1	16.2
MS	63.7	47.2	21.9	8.1	7.1	3.0	79.6	53.4	21.9	7.8	9.0	3.3
MO	102.7	82.4	30.6	11.1	16.1	5.7	164.0	120.4	36.3	15.3	30.9	6.6
MT	21.3	16.6	2.9	3.1	2.3	1.9	37.4	28.9	3.9	5.4	3.8	2.5
NE	44.3	30.4	9.3	5.6	4.6	3.3	63.1	44.3	11.7	7.5	6.4	3.8
NV	16.4	13.0	5.6	1.9	4.5	.8	29.2	22.8	9.8	3.6	9.2	1.5
NH	21.8	16.3	2.4	3.0	3.5	2.9	30.7	21.8	3.3	3.8	5.9	3.4
NJ	172.4	144.2	34.7	18.8	34.6	13.5	340.0	280.9	48.5	30.9	88.2	15.7
NM	41.0	28.4	9.0	4.3	5.1	1.9	62.9	41.9	10.6	6.6	8.2	2.1
NY	351.7	288.0	150.7	43.4	81.7	55.6	738.1	608.6	251.7	69.6	189.0	66.5
NC	149.4	109.8	39.0	13.3	17.8	6.7	213.2	150.0	51.8	16.9	26.5	9.9
ND	18.4	12.9	2.8	2.1	1.7	1.2	33.5	23.6	3.5	3.1	2.7	1.6
OH	229.2	177.1	49.7	20.0	34.6	20.2	376.2	293.5	66.8	30.4	62.5	24.1
OK	86.3	64.1	21.7	8.6	11.6	5.0	122.9	85.4	26.9	10.7	17.1	11.1
OR	65.4	48.6	10.7	6.4	8.9	3.7	112.2	79.2	15.9	10.9	16.8	5.7
PA	218.1	188.1	36.9	25.5	34.9	27.0	367.7	310.9	52.2	37.9	65.0	35.7
RI	20.2	14.5	4.3	1.7	4.4	1.7	38.9	28.7	7.2	2.4	8.0	3.2
SC	82.6	62.2	24.9	6.4	8.9	4.0	111.2	75.4	31.4	6.9	11.8	5.2
SD	18.6	14.9	2.7	2.6	1.8	1.0	24.5	17.7	3.0	3.6	2.6	1.2
TN	100.5	75.5	27.2	11.9	16.1	7.1	147.5	108.2	29.2	13.3	23.0	7.9
TX	410.4	315.4	87.6	30.8	51.2	12.9	621.9	445.6	122.3	46.9	94.6	17.4
UT	40.9	26.6	5.4	2.9	4.3	1.9	63.8	42.2	7.5	5.3	8.0	3.0
VT	13.7	10.3	1.2	1.8	1.4	.7	19.5	13.4	1.7	2.6	2.3	1.0
VA	140.2	106.0	26.4	13.2	18.1	6.8	222.1	158.5	39.1	17.0	30.3	9.2
WA	92.3	64.2	16.9	9.8	13.6	5.6	170.0	114.0	26.1	20.5	30.5	8.1
WV	52.3	41.6	11.3	6.4	4.4	2.6	73.7	57.4	12.9	7.6	6.2	2.9
WI	110.9	74.0	17.9	11.0	15.9	12.6	193.6	130.3	27.1	18.6	31.3	17.0
WY	17.2	13.1	4.5	2.5	2.2	.6	31.2	23.1	6.1	4.7	3.9	.9

[1] Elementary and secondary schools, local and State operated.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Public Employment*, series GE, No. 1, annual.

No. 478. State and Local Government Employment and Payrolls—by State: 1970 to 1983

[For October. Covers both full-time and part-time employees]

State	All employees (1,000)						October payrolls [2] (mil. dol.)					
	State			Local [1]			State			Local [1]		
	1970	1980	1983	1970	1980	1983	1970	1980	1983	1970	1980	1983
United States	**2,755**	**3,753**	**3,816**	**7,392**	**9,562**	**9,344**	**1,612**	**4,285**	**5,346**	**4,294**	**10,445**	**12,878**
Alaska	49	75	76	107	150	146	24	80	98	46	134	156
Alabama	10	18	23	8	18	21	9	34	54	7	35	53
Arizona	28	42	49	64	120	119	16	53	64	40	145	179
Arkansas	29	45	43	57	80	80	13	42	51	21	63	76
California	239	310	319	837	1,107	1,087	170	459	533	614	1,405	1,782
Colorado	44	58	59	87	128	132	25	67	84	44	139	179
Connecticut	43	57	54	85	109	105	30	61	86	57	132	152
Delaware	13	17	20	16	18	17	7	20	25	10	19	23
District of Columbia	(x)	(x)	(x)	54	53	49	(x)	(x)	(x)	37	86	105
Florida	79	119	128	250	399	407	43	130	199	143	416	535
Georgia	61	95	96	162	254	256	32	99	129	74	222	279
Hawaii	33	43	46	10	13	12	22	52	62	8	17	20
Idaho	14	19	18	28	39	39	7	20	22	11	34	42
Illinois	132	155	145	403	483	459	78	179	211	258	566	678
Indiana	70	91	90	176	215	207	36	94	111	90	201	246
Iowa	42	55	55	114	130	128	23	62	76	53	126	149
Kansas	41	50	51	94	113	112	20	49	57	41	97	123
Kentucky	46	70	66	90	114	106	23	72	86	42	106	128
Louisiana	65	94	103	119	155	158	32	95	126	56	145	191
Maine	17	23	24	33	44	44	9	23	28	14	36	43
Maryland	50	86	87	124	177	163	33	106	121	83	213	257
Massachusetts	67	89	87	194	250	217	44	95	121	118	300	315
Michigan	121	161	151	330	397	363	74	203	225	217	492	549
Minnesota	56	73	72	155	199	181	34	87	109	86	205	243
Mississippi	34	46	47	77	104	103	15	42	55	27	80	97
Missouri	64	77	71	153	194	184	32	81	84	79	180	224
Montana	17	22	20	25	35	35	8	21	25	12	33	44
Nebraska	28	33	35	65	82	82	13	32	39	30	77	95
Nevada	8	15	13	22	32	35	5	16	23	13	39	55
New Hampshire	12	19	20	26	34	33	7	18	21	10	29	36
New Jersey	65	102	100	243	331	318	44	124	157	156	394	473
New Mexico	23	42	43	36	48	51	12	42	50	17	48	66
New York	201	231	272	879	865	861	144	308	485	610	1,085	1,420
North Carolina	71	102	103	145	247	249	39	112	132	73	230	288
North Dakota	14	17	18	29	34	35	6	17	21	10	26	35
Ohio	107	153	149	372	445	427	61	154	176	195	461	547
Oklahoma	49	68	74	82	118	122	22	67	94	37	104	141
Oregon	43	55	54	79	117	112	24	61	74	43	128	150
Pennsylvania	132	149	143	349	420	399	79	175	200	203	460	539
Rhode Island	17	25	27	25	27	27	10	27	36	15	35	43
South Carolina	38	68	65	84	114	114	19	76	87	34	97	118
South Dakota	13	16	16	32	31	31	6	15	18	11	22	27
Tennessee	55	74	76	124	180	168	26	74	88	58	174	199
Texas	133	200	217	381	592	626	71	216	311	194	610	828
Utah	23	32	35	39	55	55	12	36	45	18	52	67
Vermont	11	12	12	14	18	18	6	14	17	6	14	18
Virginia	74	114	116	137	201	201	42	117	148	73	205	257
Washington	66	94	92	126	156	146	42	110	123	78	205	242
West Virginia	35	47	41	50	65	66	16	42	44	22	65	80
Wisconsin	64	83	81	184	225	207	41	93	98	94	232	269
Wyoming	8	11	12	16	28	30	4	13	19	7	27	40

X Not applicable. [1] Estimates subject to sampling variation; see source and Appendix III. [2] For all employees.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Public Employment*, series GE, No. 1, annual.

No. 479. State and Local Government Full-Time Equivalent Employment—By State: 1970 to 1983

[For October]

STATE	FULL-TIME EQUIVALENT EMPLOYMENT (1,000)						FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION [2]					
	State			Local [1]			State			Local [1]		
	1970	1980	1983	1970	1980	1983	1970	1980	1983	1970	1980	1983
United States	**2,302**	**3,106**	**3,116**	**6,226**	**7,941**	**7,769**	**113**	**137**	**133**	**306**	**351**	**332**
Alabama	42	63	62	94	134	129	122	161	157	272	344	327
Alaska	8	17	21	7	15	18	280	416	449	234	387	366
Arizona	22	37	35	55	100	99	124	137	117	312	368	333
Arkansas	24	38	36	49	69	68	127	164	153	254	301	291
California	195	249	254	697	859	846	98	105	101	349	363	337
Colorado	36	43	42	71	106	107	161	147	135	322	368	342
Connecticut	38	46	46	74	92	89	126	149	147	245	296	284
Delaware	12	16	16	14	16	14	217	262	270	254	265	237
District of Columbia	(x)	(x)	(x)	49	49	46	(x)	(x)	(x)	643	762	735
Florida	72	105	110	223	354	358	106	107	103	329	364	335
Georgia	53	83	84	145	224	227	115	152	146	317	410	396
Hawaii	28	36	37	10	12	12	365	378	365	131	125	114
Idaho	11	15	14	22	31	31	151	158	140	304	323	315
Illinois	106	124	114	334	385	369	96	108	100	300	336	321
Indiana	54	67	63	145	181	176	103	121	115	280	330	321
Iowa	34	45	43	88	103	99	122	155	150	311	353	339
Kansas	31	38	39	75	89	88	139	160	160	332	376	363
Kentucky	39	58	57	76	97	95	121	158	154	235	265	256
Louisiana	53	81	86	107	142	144	146	193	193	293	339	325
Maine	16	18	18	25	33	33	157	161	160	255	297	291
Maryland	47	82	77	114	149	137	119	194	180	292	353	319
Massachusetts	60	78	75	168	209	182	105	136	131	296	364	315
Michigan	91	126	114	267	309	277	103	136	126	301	334	306
Minnesota	43	55	54	119	148	140	113	135	130	312	364	338
Mississippi	28	40	41	65	90	89	127	159	157	295	355	343
Missouri	53	65	61	130	163	154	114	133	122	278	332	310
Montana	13	16	15	21	28	28	183	199	180	296	357	338
Nebraska	23	28	29	51	64	64	154	180	183	344	410	398
Nevada	7	12	12	19	28	30	134	152	133	365	349	341
New Hampshire	10	14	14	17	27	26	133	156	146	228	293	273
New Jersey	58	87	86	210	283	270	81	119	116	293	384	362
New Mexico	19	34	34	31	43	45	186	259	249	300	330	329
New York	185	215	250	749	731	724	102	123	142	412	416	410
North Carolina	62	87	88	127	212	201	122	147	144	250	360	331
North Dakota	10	13	13	18	20	21	165	193	192	285	309	308
Ohio	85	115	114	304	358	346	80	107	107	286	331	322
Oklahoma	37	56	61	70	102	108	145	186	186	274	338	329
Oregon	32	43	40	64	92	88	155	164	152	308	350	331
Pennsylvania	118	127	121	296	348	334	100	107	102	251	293	281
Rhode Island	14	20	21	22	25	24	149	211	218	230	260	246
South Carolina	34	61	58	69	100	99	130	196	179	267	319	303
South Dakota	10	12	12	22	22	22	153	180	169	330	320	313
Tennessee	49	63	63	114	162	149	124	137	136	290	353	318
Texas	112	169	181	342	526	563	100	119	115	306	370	358
Utah	17	26	28	31	42	42	158	177	172	291	287	259
Vermont	9	11	10	10	14	14	203	215	198	221	267	261
Virginia	64	94	94	120	175	173	137	176	169	259	327	312
Washington	55	71	67	105	133	127	160	173	157	308	322	294
West Virginia	30	40	34	42	60	61	174	204	173	238	307	309
Wisconsin	46	60	58	137	166	157	105	127	121	309	354	330
Wyoming	7	9	10	13	21	24	204	193	195	398	450	467

X Not applicable.
[1] Estimates subject to sampling variation; see source and Appendix III. [2] 1970 and 1980 based on enumerated resident population as of April 1; 1983 based on estimated resident population as of July 1.

Source: U.S. Bureau of the Census, *Public Employment*, series GE, No. 1, annual.

No. 480. City Government Employment and Payrolls: 1960 to 1983

[For **October**. 1972 and 1977 based on complete count of all cities; other years based on sample and subject to sampling variation. Includes only those school systems operated as part of the general city government. Represents average for period of intervals shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (–) indicates decrease]

YEAR	ALL EMPLOYEES, FULL-TIME AND PART-TIME (1,000)		OCTOBER PAYROLLS (mil. dol.)		AVERAGE ANNUAL PERCENT CHANGE		FULL-TIME EQUIVALENT EMPLOYMENT (1,000)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES	
	Total	Excl. education	Total	Excl. education	All employees	October payroll	Total	Education	Other	Education	Other
1960	1,692	1,439	583	471	3.3	7.1	1,447	225	1,222	$502	$387
1965	1,884	1,560	818	649	2.2	7.0	1,638	282	1,356	603	480
1970	2,244	1,815	1,361	1,062	3.6	10.7	1,922	359	1,563	838	661
1971	2,273	1,838	1,482	1,167	1.3	8.9	1,960	366	1,594	876	735
1972	2,375	1,918	1,654	1,302	4.5	11.6	2,029	378	1,650	951	792
1973	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
1974	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975	2,506	2,074	2,129	1,725	.6	8.3	2,142	376	1,767	1,130	972
1976	2,443	2,021	2,295	1,804	–2.5	5.0	2,107	360	1,747	1,207	1,035
1977	2,511	2,084	2,415	1,959	2.8	8.0	2,170	358	1,812	1,280	1,087
1978	2,511	2,086	2,537	2,059	(Z)	5.1	2,165	361	1,804	1,341	1,148
1979	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231
1980	2,561	2,130	2,942	2,403	.3	7.8	2,166	360	1,806	1,501	1,338
1981	2,469	2,056	3,222	2,640	–3.6	9.5	2,111	346	1,765	1,686	1,500
1982	2,440	2,059	3,419	2,844	–1.2	6.1	2,079	322	1,757	1,818	1,620
1983	2,423	2,051	3,640	3,059	–.7	6.5	2,060	300	1,760	1,962	1,739

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

No. 481. City Government Employment and Payrolls—All Cities and Cities With 50,000 Population or More, by Function: 1975 to 1983

[As of **October**]

ITEM	EMPLOYEES (1,000)						OCTOBER PAYROLLS (mil. dol.)					
	All cities [1]			Cities with 50,000 population or more [2]			All cities [1]			Cities with 50,000 population or more [2]		
	1975	1980	1983	1975	1980	1983	1975	1980	1983	1975	1980	1983
Total	**2,506**	**2,561**	**2,423**	**1,630**	**1,645**	**1,549**	**2,130**	**2,942**	**3,640**	**1,612**	**2,162**	**2,680**
Full-time	2,033	2,071	1,973	1,450	1,437	1,350	2,031	2,826	3,494	1,551	2,111	2,589
Part-time	468	489	450	180	208	198	98	116	146	60	71	90
Full-time equivalent	**2,143**	**2,166**	**2,060**	**1,508**	**1,493**	**1,404**	(X)	(X)	(X)	(X)	(X)	(X)
Education [3]	376	360	300	312	304	255	425	539	581	363	463	511
Percent of total	18	17	15	21	20	18	20	18	16	23	21	19
Instructional staff	277	266	219	226	224	186	346	436	473	295	376	416
Others	99	94	80	86	80	68	78	102	108	68	87	95
Highways	129	121	116	65	60	59	109	141	178	62	77	102
Public welfare	42	41	43	41	38	39	36	47	69	34	45	64
Hospitals	128	131	129	94	87	85	108	143	192	87	102	138
Health	38	35	34	35	32	31	35	47	57	33	44	53
Police protection	349	365	369	224	224	226	384	550	713	272	389	479
Fire protection	184	190	189	126	130	128	217	300	394	162	218	289
Sewerage	55	60	61	28	32	32	46	74	96	27	44	55
Sanitation	108	104	92	66	63	55	88	118	134	62	81	93
Parks and recreation	104	103	96	73	72	66	84	116	139	61	84	99
Housing, urban renewal	35	44	43	31	38	38	35	57	72	32	51	65
Correction	16	18	21	15	17	20	18	27	42	17	26	41
Libraries	38	34	34	28	25	27	30	38	47	23	28	37
Financial administration	61	69	67	34	38	36	54	85	105	33	51	62
General control	105	112	108	62	66	61	101	147	186	66	96	116
Local utilities [4]	200	209	215	136	139	145	206	306	403	155	225	303
Water supply	92	93	95	51	50	52	81	116	150	50	70	91
Electric power	46	44	46	27	24	26	49	67	93	32	41	61
Transit	56	66	67	54	62	64	71	115	150	70	110	145
All other functions	175	171	142	139	127	101	155	208	232	125	159	174

X Not applicable. [1] Data are estimates subject to sampling variation; see source and Appendix III. [2] 1980 and 1983 data based on 1980 population; 1975 based on population estimates in 1970. [3] City-operated schools and colleges only. [4] Includes gas supply, not shown below.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

NO. 482. CITY GOVERNMENT EMPLOYMENT AND PAYROLL—SELECTED LARGE CITIES: 1975 TO 1983

[For October. See text, p. 260. Rate based on *1980 Census of Population*, volume 1, chapter A]

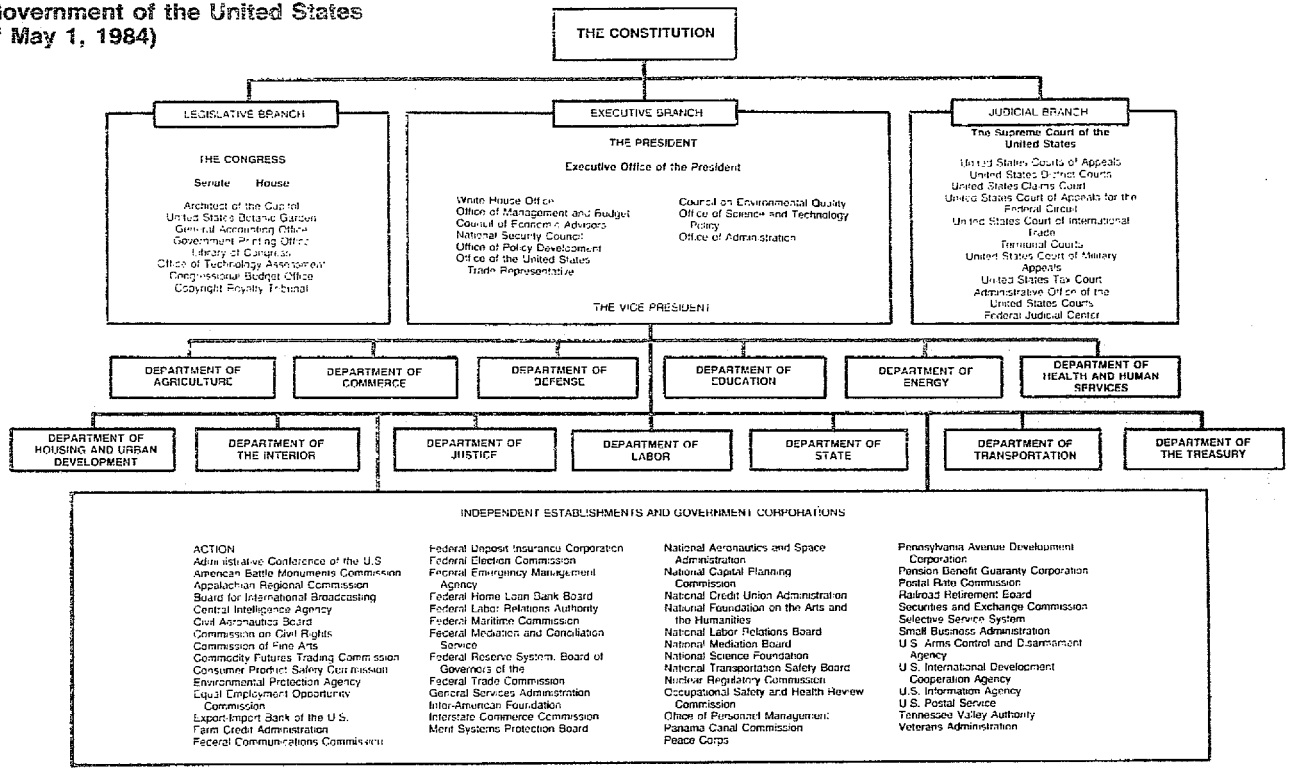
CITIES RANKED BY POPULATION-SIZE, 1980	FULL-TIME EQUIVALENT EMPLOYMENT						OCTOBER PAYROLL (mil. dol.)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES (dol.)	
	Total (1,000)			Per 10,000 population [1]							
	1975	1980	1983	1975	1980	1983	1975	1980	1983	1980	1983
New York, NY [2 3]	348	319	337	464	451	476	435	504	710	1,587	2,129
Chicago, IL	49	45	[4] 44	157	150	[4] 146	20	71	[4] 89	1,569	[4] 2,039
Los Angeles, CA	47	41	40	172	138	136	64	74	100	1,806	2,495
Philadelphia, PA	38	32	[4] 32	209	189	[4] 192	45	51	[4] 59	1,611	[4] 1,820
Houston, TX	14	18	18	107	111	110	13	26	33	1,499	1,869
Detroit, MI	21	22	18	153	179	151	26	40	37	1,852	2,030
Dallas, TX	13	14	14	163	153	156	13	20	27	1,465	1,884
San Diego, CA	7	[5] 7	7	89	[5] 81	83	9	[5] 12	15	[5] 1,773	2,026
Phoenix, AZ	7	9	9	110	114	108	7	14	17	1,517	1,987
Baltimore, MD [2 3]	41	40	33	475	514	415	37	48	54	1,172	1,670
San Antonio, TX	11	10	11	143	128	144	10	13	19	1,282	1,680
Indianapolis, IN	11	12	11	160	174	157	8	13	16	1,098	1,463
San Francisco, CA	22	21	24	324	310	346	27	37	54	1,761	2,294
Memphis, TN [2]	22	22	[4] 23	328	342	[4] 346	20	29	[4] 41	1,335	[4] 1,831
Washington, DC [2 3]	46	42	38	643	651	599	57	73	87	1,761	2,297
Milwaukee, WI	10	9	9	145	145	138	11	15	18	1,631	2,059
San Jose, CA	4	4	4	66	60	65	5	7	11	1,714	2,680
Cleveland, OH	13	9	9	197	160	153	13	13	16	1,460	1,840
Columbus, OH	7	7	6	124	122	110	7	10	11	1,498	1,750
Boston, MA [2]	25	[5] 25	[5] 19	390	[5] 444	[5] 344	27	[5] 35	[5] 36	[5] 1,398	[5] 1,846
New Orleans, LA	11	[7] 13	11	188	[7] 225	197	7	[7] 12	16	[7] 919	1,480
Jacksonville, FL	10	[8] 11	8	194	[8] 202	146	9	[8] 11	13	[8] 1,013	1,705
Seattle, WA	9	9	9	180	188	173	10	17	20	1,830	2,367
Denver, CO	12	12	12	252	244	236	13	18	23	1,540	1,999
Nashville-Davidson, TN [2]	16	[9] 17	16	425	[9] 374	340	15	[9] 22	26	[9] 1,295	1,681
St. Louis, MO	14	13	10	257	280	220	12	16	17	1,279	1,665
Kansas City, MO	7	7	7	137	145	161	7	9	12	1,368	1,723
El Paso, TX	4	4	4	90	104	102	3	6	6	1,260	1,447
Atlanta, GA	9	8	7	204	187	174	7	10	11	1,230	1,462
Pittsburgh, PA	6	[7] 6	6	121	[7] 135	145	5	[7] 6	12	[7] 1,116	1,901
Oklahoma City, OK	4	4	5	104	104	112	3	6	7	1,323	1,632
Cincinnati, OH	[3] 17	7	[4] 6	[3] 421	174	[4] 155	[3] 17	10	[4] 12	1,527	[4] 1,935
Fort Worth, TX	4	[8] 5	5	122	[8] 120	123	4	[8] 6	8	[8] 1,198	1,646
Minneapolis, MN	6	5	5	146	136	124	7	9	10	1,821	2,240
Portland, OR	5	4	[4] 4	132	115	[4] 111	6	8	[4] 9	1,916	[4] 2,243
Honolulu, HI	9	9	8	126	117	109	9	12	15	1,401	1,775
Long Beach, CA	5	[5] 4	[5] 5	152	[5] 122	[4] 131	7	[5] 7	[4] 10	[5] 1,678	[4] 2,172
Tulsa, OK	3	[5] 4	[5] 4	96	[5] 115	[5] 115	3	[5] 5	[5] 5	[5] 1,184	[5] 1,184
Buffalo, NY [2]	13	13	11	325	348	300	14	18	20	1,475	1,870
Toledo, OH	4	3	[4] 3	105	96	[4] 82	4	6	[4] 6	1,758	[4] 1,979
Miami, FL	4	4	2	100	118	162	5	6	3	1,408	1,875
Austin, TX	6	7	8	132	199	245	6	10	16	1,515	1,824
Oakland, CA	4	4	[4] 4	132	109	[4] 103	6	7	[4] 8	2,011	[4] 2,391
Albuquerque, NM	4	[8] 4	5	137	[8] 119	141	3	[8] 4	8	[8] 1,135	1,778
Tucson, AZ	4	4	4	150	124	117	4	6	7	1,474	1,937
Newark, NJ [2]	18	12	5	542	374	148	17	17	8	1,387	1,698
Charlotte, NC	4	4	4	137	125	122	4	5	6	1,290	1,642
Omaha, NE	4	3	3	98	92	91	3	5	6	1,684	2,074
Louisville, KY	6	6	5	166	186	149	5	8	7	1,358	1,505
Birmingham, AL	4	4	3	134	128	119	3	5	5	1,333	1,577
Wichita, KS	3	3	3	115	111	102	3	4	5	1,327	1,759
Sacramento, CA	3	3	3	131	119	104	4	6	6	1,762	2,237
Tampa, FL	4	5	4	152	165	154	4	5	6	1,178	1,515
St. Paul, MN	3	3	3	120	125	108	4	6	7	1,734	2,233
Norfolk, VA [2]	12	10	9	401	380	353	9	12	14	1,222	1,481
Virginia Beach, VA [2]	7	9	9	321	346	332	5	11	13	1,204	1,546
Rochester, NY [2]	10	[9] 9	8	372	[9] 356	310	11	[9] 14	16	[9] 1,690	2,107
St. Petersburg, FL	3	3	3	147	138	122	3	4	5	1,173	1,673
Akron, OH	3	3	3	124	123	110	3	4	5	1,508	1,744
Corpus Christi, TX	3	[7] 3	[7] 3	136	[7] 123	[7] 123	3	[7] 3	[7] 3	[7] 942	[7] 942
Jersey City, NJ [2]	8	8	8	341	351	360	8	11	14	1,397	1,680
Baton Rouge, LA	3	[7] 4	[4] 5	104	[7] 106	[4] 148	2	[7] 3	[4] 8	[7] 908	[4] 1,534
Anaheim, CA	2	2	2	102	91	94	2	3	5	1,616	2,290
Richmond, VA	10	[9] 10	10	442	[9] 454	438	9	[9] 12	16	[9] 1,225	1,637

[1] 1975 based on 1975 population estimates, 1980 and 1983 based on 1980 enumerated population. [2] Includes city-operated elementary and secondary schools. [3] Includes city-operated university or college. [4] 1982 data. [5] 1979 data. [6] Includes 1982 education data. [7] 1977 data. [8] 1978 data. [9] Noneducation data are for 1979.

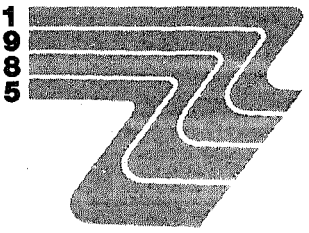
Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

Figure 11.1

The Government of the United States (As of May 1, 1984)



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 527.



Section 11

Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government,* the official report relating to the receipts, appropriations, outlays, and fund accounts. Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Office of Personnel Management (formerly Civil Service Commission) and the Bureau of Labor Statistics (see p. 302). The primary source for data on public lands is *Public Land Statistics,* published annually by the Bureau of Land Management, Department of the Interior. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World.*

Budget concept.—Under the unified budget concept, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust funds, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Fund balances include both cash balances with Treasury and investments in U.S. securities. Part of the balance is obligated, part unobligated. In recent years, however, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, the Synthetic Fuels Corporation, and the lending activities of the Rural Electrification Administration. For fiscal year 1984, these activities (i.e., off-budget Federal entities; see below) are estimated to equal 1.9 percent of the unified budget. Data showing unified budget totals of budget receipts and outlays are presented in the 1985 Budget for the years 1940 to 1989; more detailed tables generally show data since 1973.

Receipts arising from the Government's sovereign powers are reported as governmental receipts; all other receipts, i.e., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the checks to pay bills are issued).

Debt concept.—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e., public debt). The present debt series, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is covered by a statutory debt limitation, currently $1,290.2 billion, and includes only borrowing by the Treasury.

Off-budget Federal entities.—Off-budget Federal entities are federally owned and controlled, but their transactions are excluded from the budget totals under provisions of law. Therefore, their fiscal activities are not reflected in either budget outlays or the budget surplus or deficit; appropriation requests for their programs are not included in the totals of budget authority for the budget; and their outlays are not subject to the ceilings set by the congressional budget resolutions. The surplus or deficit of the off-budget Federal entities is added to the budget surplus or deficit to arrive at the "total Federal Government surplus or deficit", which is financed by borrowing from the public or by other means. When off-budget outlays are financed by Treasury borrowing, the additional debt is subject to statutory debt limitation; when financed by the entities' own borrowing, it is not. In either case, the additional debt is part of the gross Federal debt.

Treasury receipts and outlays.—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement.* Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States.*

Budget receipts such as taxes, customs duties, and miscellaneous receipts, which are collected by Government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government* and in the annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government.* These deposits in, and payments from, accounts maintained by Government agencies are on the same basis as the unified budget.

The quarterly *Treasury Bulletin* contains data on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

Income tax returns and tax collections.—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of the Internal Revenue Service* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's four annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, sole proprietorship returns and partnership returns, respectively. The quarterly *Statistics of Income Bulletin* has, in general, replaced the supplemental *Statistics of Income* publications which presented data on such diverse subjects as local area data for individuals as well as data from fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

Relation to national income accounts and GNP.—The Federal sector of the national income and product accounts focuses upon Federal transactions (comprising both Federal and trust funds) entering into national income, the gross national product, and other parts of the national economic accounts (see table 486). These accounts, however, include only receipts and outlays which directly affect the current flow of income and output, and therefore exclude such transactions as loans. Also, the Federal sector account records many taxes as they accrue, instead of as they are collected, and records most purchases at the time of delivery.

Employment and payrolls.—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian positions at the end of the report month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Through December 1978, intermittent workers were counted if they performed any service during the reporting month.

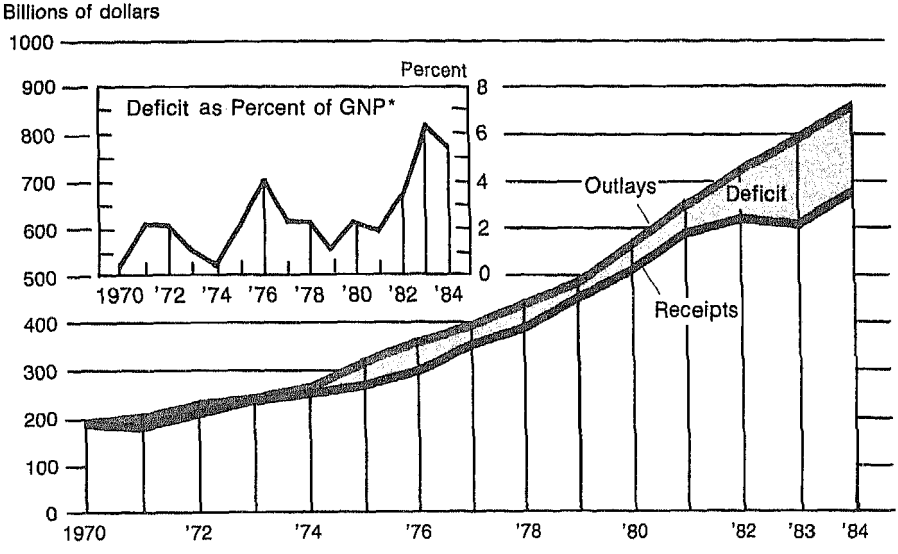
Federal payrolls include all payments for personal services rendered during the report month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap.

Federal employment and payroll figures are published by the Office of Personnel Management in its *Annual Report* and its *Monthly Release of Federal Civilian Workforce Statistics.* It also publishes biennial employment data for minority groups, geographic distribution, and data on occupations of white- and blue-collar workers; reports on salary and wage distribution of Federal employees are published annually. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment.*

Applications, entries, selections, patents, and certifications.—The data on applications, entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed (i.e., allowed). Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications are approved when full compliance with the requirements of the laws is shown and become final entries (perfected entries) upon issuance of a final certificate. Patents are Government deeds which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

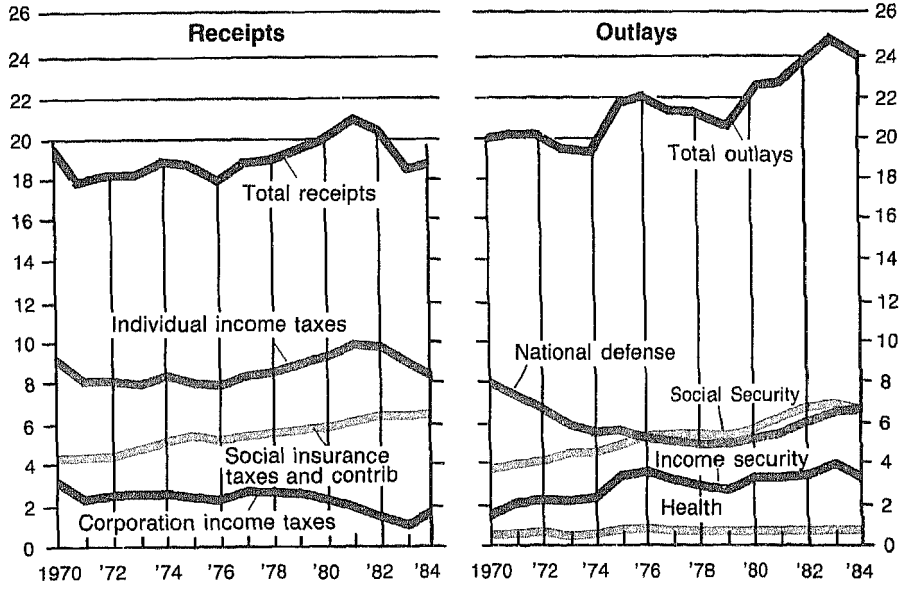
Figure 11.2
Federal Budget Receipts and Outlays: 1970 to 1984



* Gross national product

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 483.

Figure 11.3
Federal Budget Receipts and Outlays as a Percent of GNP: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 488 and 492.

No. 483. Federal Budget—Summary: 1940 to 1984

[*In billions of dollars, except percent.* Through **1976**, for years ending **June 30**, except as noted; beginning **1977**, ending **Sept. 30**. Minus sign (—) indicates deficit or decline. See also *Historical Statistics, Colonial Times to 1970*, series Y 339-342]

YEAR	Receipts	Outlays	Surplus or deficit (—)	Outstanding gross debt [1]	ANNUAL PERCENT CHANGE [2]			PERCENT OF GNP [3]		Outlays, off-budget Federal entities [4]
					Receipts	Outlays	Outstanding gross debt	Outlays	Outstanding gross debt	
1940	6.4	9.5	—3.1	50.7	[5] 27.8	[5] 7.0	[5] 5.1	10.0	53.4	(x)
1945	45.2	92.7	—47.5	260.1	48.0	57.9	38.7	42.7	119.9	(x)
1950	39.5	42.6	—3.1	256.9	—2.7	—14.4	—.3	16.1	96.9	(x)
1955	65.5	68.5	—3.0	274.4	10.6	10.0	1.3	18.0	72.1	(x)
1960	92.5	92.2	.3	290.9	7.2	6.1	1.2	18.5	58.4	(x)
1961	94.4	97.8	—3.4	292.9	2.1	6.0	.7	19.2	57.5	(x)
1962	99.7	106.8	—7.1	303.3	5.6	9.2	3.6	19.5	55.3	(x)
1963	106.6	111.3	—4.8	310.8	6.9	4.2	2.5	19.3	53.8	(x)
1964	112.7	118.6	—5.9	316.8	5.7	6.5	1.9	19.2	51.2	(x)
1965	116.8	118.4	—1.6	323.2	3.7	—.1	2.0	18.0	49.0	(x)
1966	130.9	134.7	—3.8	329.5	12.0	13.7	2.0	18.6	45.5	(x)
1967	148.9	157.6	—8.7	341.3	13.8	17.0	3.6	20.3	43.9	(x)
1968	153.0	178.1	—25.2	369.8	2.7	13.0	8.3	21.4	44.5	(x)
1969	186.9	183.6	3.2	367.1	22.2	3.1	—.7	20.2	40.3	(x)
1970	192.8	195.7	—2.8	382.6	3.2	6.5	4.2	20.2	39.5	(x)
1971	187.1	210.2	—23.0	409.5	—2.9	7.4	7.0	20.4	39.7	(x)
1972	207.3	230.7	—23.4	437.3	10.8	9.8	6.8	20.4	38.7	(x)
1973	230.8	245.6	—14.8	468.4	11.3	6.5	7.1	19.6	37.4	.1
1974	263.2	267.9	—4.7	486.2	14.0	9.1	3.8	19.4	35.3	1.4
1975	279.1	324.2	—45.2	544.1	6.0	21.0	11.9	21.9	36.8	8.1
1976	298.1	364.5	—66.4	631.9	6.8	12.4	16.1	22.2	38.5	7.3
1976, TQ [6]	81.2	94.2	—13.0	646.4	(x)	(x)	(x)	(x)	(x)	1.8
1977	355.6	400.5	—44.9	709.1	19.3	9.9	12.2	21.5	38.1	8.7
1978	399.6	448.4	—48.8	780.4	12.4	11.9	10.1	21.4	37.3	10.4
1979	463.3	491.0	—27.7	833.8	16.0	9.5	6.8	20.8	35.4	12.5
1980	517.1	576.7	—59.6	914.3	11.6	17.4	9.7	22.4	35.5	14.2
1981	599.3	657.2	—57.9	1,003.9	15.9	14.0	9.8	22.8	34.8	21.0
1982	617.8	728.4	—110.6	1,147.0	3.1	10.8	14.2	23.8	37.5	17.3
1983	600.6	796.0	—195.4	1,381.9	—2.8	9.3	20.5	24.7	42.8	12.4
1984, est.	670.1	853.8	—183.7	1,591.6	11.6	7.3	15.2	24.0	44.7	16.2

X Not applicable. [1] End of fiscal year. See text p. 301 for discussion of debt concept. [2] For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Gross national product as of fiscal year; for calendar year GNP, see table 714. [4] Federal Government allocations other than those reflected in budget outlays; see text for explanation. [5] Change from 1939; from previous year shown for all other years. [6] Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1984 edition.

No. 484. Federal Budget Receipts, Outlays, and Debt: 1960 to 1984

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1978**, ending **Sept. 30**. Beginning **1975**, budget totals include transactions of the Export-Import Bank. See also *Historical Statistics, Colonial Times to 1970*, series Y 339-342]

DESCRIPTION	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984, est.
Receipts	**92.5**	**116.8**	**192.8**	**279.1**	**399.6**	**463.3**	**517.1**	**599.3**	**617.8**	**600.6**	**670.1**
Federal funds	75.6	90.9	143.2	187.5	270.5	316.4	350.9	410.4	409.3	382.4	420.0
Trust funds	19.2	28.2	58.4	116.7	165.6	187.0	210.9	239.4	268.4	317.4	331.5
Interfund transactions	—2.4	—3.3	—8.8	—25.1	—36.5	—40.1	—44.7	—50.6	—59.9	—99.2	—81.4
Outlays	**92.2**	**118.4**	**195.7**	**324.2**	**448.4**	**491.0**	**576.7**	**657.2**	**728.4**	**796.0**	**853.8**
Federal funds	74.9	94.8	156.3	240.1	332.0	362.4	419.2	475.2	526.1	600.9	628.8
Trust funds	19.7	26.9	48.1	109.3	152.9	168.7	202.1	232.6	262.2	294.3	306.4
Interfund transactions	—2.4	—3.3	—8.8	—25.1	—36.5	—40.1	—44.7	—50.6	—59.9	—99.2	—81.4
Surplus or deficit (—)	**.3**	**—1.6**	**—2.8**	**—45.2**	**—48.8**	**—27.7**	**—59.6**	**—57.9**	**—110.6**	**—195.4**	**—183.7**
Federal funds	.8	—3.9	—13.1	—52.6	—61.5	—46.0	—68.4	—64.7	—116.9	—218.5	—208.8
Trust funds	—.5	2.3	10.3	7.4	12.7	18.3	8.8	6.8	6.3	23.1	25.1
Outstanding debt [1]	**290.9**	**323.2**	**382.6**	**544.1**	**780.4**	**833.8**	**914.3**	**1,003.9**	**1,147.0**	**1,381.9**	**1,591.6**
Gross Federal debt held by:											
Government agencies	53.7	61.5	97.7	147.2	169.5	189.2	199.2	209.5	217.6	240.1	266.8
The public	237.2	261.6	284.9	396.9	610.9	644.6	715.1	794.4	929.4	1,141.8	1,324.8
Federal Reserve System	26.5	39.1	57.7	85.0	115.5	115.6	120.8	124.5	134.5	155.5	(NA)
Others	210.7	222.5	227.2	311.9	495.5	529.0	594.3	670.0	794.9	986.2	(NA)
Outlays as percent of GNP [2]	**18.5**	**18.0**	**20.2**	**21.9**	**21.4**	**20.8**	**22.4**	**22.8**	**23.8**	**24.7**	**24.0**
National defense	9.7	7.7	8.4	5.8	5.0	4.9	5.2	5.5	6.1	6.5	6.7
Human resources [3]	5.6	6.0	7.8	11.7	11.6	11.3	12.1	12.5	12.7	13.2	12.3
All other	3.2	4.3	4.0	4.4	4.8	4.6	5.1	4.8	5.0	5.0	5.0

NA Not available. [1] End of fiscal year. [2] See footnote 3, table 483. [3] Education, training, employment, social services, social security and medicare, health, income security, and veterans benefits and services.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1984 edition.

No. 485. Federal Budget—Receipts by Source and Outlays by Detailed Function: 1980 to 1984

[**In billions of dollars.** For years ending **Sept. 30.** Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers both Federal funds and trust funds (see p. 301). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See *Historical Statistics, Colonial Times to 1970*, series Y 335-338, Y 343-351, and Y 472-487 for related data]

SOURCE OR FUNCTION	1980	1982	1983	1984, est.
Surplus or deficit (−)	−59.6	−110.6	−195.4	−183.7
BY SOURCE				
Total receipts [1]	517.1	617.8	600.6	670.1
Individual income taxes	244.1	297.7	288.9	293.3
Corporation income taxes	64.6	49.2	37.0	66.6
Social insurance taxes and contributions	157.8	201.5	209.0	239.5
Employment taxes and contributions	138.7	180.7	185.8	211.7
Unemployment insurance	15.3	16.6	18.8	23.3
Contributions for other insurance and retirement	3.7	4.2	4.4	4.5
Excise taxes	24.3	36.3	35.3	38.2
Estate and gift taxes	6.4	8.0	6.1	5.9
Customs duties	7.2	8.9	8.7	9.1
Miscellaneous receipts	12.7	16.2	15.6	17.5
Federal Reserve earning deposits	11.8	15.2	14.5	14.4
BY FUNCTION				
Total outlays [1]	576.7	728.4	796.0	853.8
National defense [1]	134.0	185.3	209.9	237.5
Dept. of Defense, military	131.0	180.7	204.4	231.0
Atomic energy defense activities	2.9	4.3	5.2	6.0
Defense related activities	.1	.3	.3	.5
International affairs [1]	10.9	10.1	9.0	13.5
Foreign economic and financial assistance	3.7	3.9	4.0	4.6
Conduct of foreign affairs	1.4	1.6	1.8	2.1
Foreign information and exchange	.5	.6	.6	.8
International financial programs activities	2.4	.9	−1.1	.6
International security assistance	2.8	3.1	3.8	5.5
Income security	86.4	107.0	122.2	112.5
General retirement and disability insurance	5.1	5.6	5.6	5.5
Federal employee retirement and disability	26.6	34.3	36.5	38.1
Housing assistance	5.5	8.0	10.0	10.0
Food and nutrition assistance	14.0	15.6	18.0	17.6
Other income security	17.2	19.8	21.1	20.5
Unemployment insurance	18.0	23.7	31.5	20.7
Health	23.1	27.4	28.7	30.1
Health care services	18.0	21.8	23.0	24.6
Health research	3.4	3.9	4.0	4.4
Education and training of health care workforce	.7	.7	.6	.4
Consumer and occupational health and safety	1.0	1.0	1.1	1.1
Social Security and medicare	150.6	202.5	223.3	240.2
Social Security	118.6	156.0	170.7	179.2
Medicare	32.1	46.6	52.6	61.1
Veterans benefits and services [1]	21.2	24.0	24.8	25.8
Income security	11.7	13.7	14.2	14.6
Education, training, and rehabilitation	2.3	1.9	1.6	1.4
Hospital and medical care	6.5	7.5	8.3	9.0
Housing	(−z)	.1	(z)	(z)
Education, training, employment, and social services [1]	30.8	26.3	26.6	28.7
Elementary, secondary, and vocational education	6.7	6.8	6.3	7.0
Higher education	5.7	6.5	7.2	7.8
Research and general education aids	1.4	1.0	1.1	1.2
Training and employment	10.3	5.5	5.3	5.1
Social services	6.1	6.0	6.1	7.0
Commerce and housing credit	7.8	3.9	4.4	3.8
Mortgage credit and thrift insurance	3.7	1.2	2.1	1.1
Payment to Postal Service	1.7	.7	.8	.7
Other commerce	2.4	1.9	1.5	1.9
Transportation [1]	21.1	20.6	21.4	26.1
Ground transportation	15.1	14.3	14.3	18.1
Air transportation	3.7	3.5	4.0	4.8
Water transportation	2.2	2.7	3.0	3.1
Natural resources and environment [1]	13.8	13.0	12.7	12.3
Water resources	4.2	3.9	3.9	4.2
Conservation and land management	1.0	1.1	1.5	.9
Recreational resources	1.7	1.4	1.5	1.6
Pollution control and abatement	5.5	5.0	4.3	3.9
Other natural resources	1.4	1.5	1.5	1.7
Energy [1]	6.3	4.7	4.0	3.5
Supply	4.6	3.1	2.4	2.0
Conservation	.6	.5	.5	.5
Emergency preparedness	.3	.2	.2	.2
Information, policy, and regulation	.9	.9	.9	.7
Community and regional development	10.1	7.2	6.9	7.6
Community development	4.9	4.6	4.3	4.7
Area and regional development	3.2	2.7	2.6	2.8
Disaster relief and insurance	2.0	−.1	(z)	.1
Agriculture [1]	4.8	14.9	22.2	10.7
Farm income stabilization	3.5	13.3	20.6	8.9
Research and services	1.4	1.6	1.6	1.8
Net interest	52.5	85.0	89.8	108.2
General purpose fiscal assistance	8.6	6.4	6.5	6.7
Revenue sharing	6.8	4.6	4.6	4.6
General science, space, and technology [1]	5.7	7.1	7.7	8.3
General science and basic research [2]	1.4	1.6	1.6	1.9
Space flight	2.6	3.5	4.0	4.1
Space science, applications and technology [2]	1.8	1.9	2.0	2.3
General government [1]	4.1	4.4	4.8	5.7
Legislative functions	1.0	1.2	1.2	1.3
Management, direction (Exec.)	.1	.1	.1	.1
Central fiscal operations	2.5	2.6	3.0	3.5
General property and records management	.3	.2	.2	.4
Administration of justice	4.6	4.7	5.1	6.0
Federal law enforcement	2.2	2.5	2.9	3.4
Federal judicial activities [3]	1.3	1.5	1.6	1.9
Federal correctional activities	.3	.4	.4	.5
Criminal justice assistance	.7	.3	.2	.2
Undistributed offsetting receipts	−19.9	−26.1	−34.0	−34.0
Employer share, employee retirement	−15.8	−19.8	−23.5	−25.3
Rents and royalties [4]	−4.1	−6.3	−10.5	−8.7
ADDENDUM				
Off-budget Federal entities [1]	14.2	17.3	12.4	16.2
Military assistance	1.9	2.3	2.9	3.6
Energy supply	3.8	5.2	3.7	4.6
Farm income stabilization	4.0	1.1	.7	1.5
Mortgage credit and thrift insurance	1.9	2.8	1.8	2.2
Higher education	1.1	.7	–	–
Housing assistance	.1	.7	.4	.2

– Represents zero. Z Less than $50 million. [1] Totals reflect interfund and intragovernmental transactions and/or other functions, not shown separately. [2] Includes supporting space activities. [3] Includes litigative activities. [4] On Outer Continental Shelf.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1984 edition.

No. 486. Federal Receipts and Expenditures in the National Income Accounts: 1960 to 1984

[**In billions of dollars.** For years ending **June 30** except, beginning **1979**, ending **Sept. 30.** Includes transactions of trust accounts. See Section 15 for additional National Income and Product Accounts (NIPA) data]

RECEIPTS AND EXPENDITURES	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984, est.
Receipts, total	**94.8**	**120.0**	**194.9**	**283.4**	**480.8**	**525.9**	**610.3**	**627.8**	**630.7**	**691.3**
Personal tax and nontax receipts	42.5	51.4	93.6	127.5	222.6	250.4	289.3	310.4	295.3	302.1
Corporate profits tax accruals	22.3	27.1	33.0	41.8	76.1	69.9	70.5	51.3	54.3	74.8
Indirect business tax and nontax accruals	13.2	16.9	19.2	22.2	29.1	35.5	53.6	50.3	50.7	56.6
Contributions for social insurance	16.7	24.5	49.2	91.9	153.1	170.0	196.9	215.7	230.4	257.8
Expenditures, total [1]	**91.3**	**118.5**	**195.6**	**328.8**	**495.6**	**576.5**	**668.1**	**740.0**	**816.4**	**875.5**
Purchases of goods and services	*52.9*	*64.6*	*97.0*	*117.9*	*164.1*	*189.3*	*218.5*	*251.0*	*274.7*	*292.6*
National defense	44.5	47.9	75.3	80.2	108.2	126.0	147.1	173.3	196.5	224.0
Nondefense	8.4	16.6	21.7	37.7	55.9	63.3	71.4	77.7	78.2	68.6
Transfer payments	22.5	30.6	57.0	134.5	201.8	239.4	279.3	310.2	344.7	354.4
Domestic (to persons)	20.6	28.4	55.0	131.4	197.8	234.6	273.5	304.1	338.5	347.0
Foreign	1.8	2.2	2.0	3.1	4.1	4.8	5.8	6.1	6.2	7.4
Grants-in-aid: State and local govts	6.9	10.9	22.6	48.4	79.1	86.7	90.1	83.4	85.7	91.8
Net interest paid	6.8	8.2	13.6	21.7	40.6	50.7	67.7	82.2	90.6	108.6
Subsidies less current surplus of government enterprises	2.4	4.3	5.4	6.0	9.9	10.4	12.5	13.2	20.3	28.1
Surplus (+) or deficit (−)	**+3.5**	**+1.5**	**−.6**	**−45.4**	**−14.8**	**−50.7**	**−57.8**	**−112.2**	**−185.7**	**−184.2**

[1] For some years, includes wage disbursements less accruals, not shown separately.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 487. Federal Trust Fund Receipts, Outlays, and Balances: 1970 to 1984

[**In billions of dollars.** For years ending **June 30** except, beginning **1978**, ending **Sept. 30.** Receipts based on collections received and deposited. Outlays stated on a checks-issued basis, less refunds collected. Balances: That portion of funds authorized for use which have not been spent. See text, p. 301 for discussion of the budget concept and trust funds]

TYPE OF FUND	1970	1975	1978	1979	1980	1981	1982	1983	1984, est.
Total receipts [1]	**59.4**	**118.6**	**168.0**	**189.6**	**213.9**	**239.4**	**268.4**	**317.4**	**331.5**
OASDI [2] trust funds	36.1	66.7	89.6	102.1	117.4	134.6	148.0	172.5	178.4
Health insurance trust funds	7.5	16.9	27.6	31.7	35.7	45.3	55.2	63.1	67.9
State and local fiscal assistance trust funds [3]	(x)	6.2	6.9	6.9	6.9	4.6	4.6	4.6	4.6
Unemployment insurance funds	4.1	8.2	15.2	15.9	16.2	18.1	20.5	31.6	28.1
Railroad employees retirement funds	1.7	2.8	3.9	4.2	4.4	4.7	4.9	6.3	8.8
Federal employees retirement funds	4.7	11.5	17.8	20.5	24.5	28.6	32.0	34.9	36.8
Airport and airway trust funds	(x)	1.1	1.5	1.8	2.3	.6	.7	2.7	3.1
Highway trust funds	5.5	6.8	7.6	8.0	7.6	7.4	7.8	9.4	12.7
Foreign military sales trust funds	.8	4.4	8.4	8.5	7.7	9.5	11.8	13.2	13.3
Veterans life insurance funds	.8	.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
Total outlays [1]	**49.1**	**111.2**	**155.3**	**171.3**	**205.1**	**232.6**	**262.2**	**294.3**	**306.4**
OASDI [2] trust funds	30.3	64.7	93.9	104.1	118.6	139.6	156.0	172.3	181.7
Health insurance trust funds	7.1	14.8	25.2	29.1	35.0	42.5	50.4	56.9	66.2
State and local fiscal assistance trust funds [4]	(x)	6.1	6.8	6.8	6.8	5.1	4.6	4.6	4.6
Unemployment insurance funds	3.6	13.2	11.2	11.2	16.4	18.7	24.3	32.7	24.8
Railroad employees retirement funds	1.6	3.1	4.0	4.3	4.7	5.3	5.4	6.8	6.3
Federal employees retirement funds	2.8	7.1	11.0	12.5	14.9	17.9	19.7	21.0	22.0
Airport and airway trust funds	(x)	.6	1.1	1.1	1.2	1.3	1.5	1.8	1.7
Highway trust funds	4.4	4.8	6.1	7.2	9.2	9.2	8.0	8.8	11.3
Foreign military sales trust funds	*1.0*	*3.5*	*8.1*	*7.1*	*8.8*	*9.9*	*12.0*	*12.4*	*12.5*
Veterans life insurance funds	.8	.8	.7	.1	1.0	1.0	1.0	1.0	1.0
Balances	**97.2**	**142.6**	**165.2**	**183.6**	**192.4**	**199.1**	**205.4**	**228.5**	**253.4**
OASDI [2] trust funds	37.7	48.2	35.4	33.4	32.3	27.2	19.3	32.0	29.0
Health insurance trust funds	2.7	11.3	15.8	18.4	19.0	21.8	26.7	20.4	22.1
State and local fiscal assistance trust funds	(x)	1.7	1.8	1.8	1.8	1.3	1.3	1.2	1.2
Unemployment insurance trust fund	13.1	7.4	10.4	15.1	14.9	14.4	10.7	10.0	13.6
Railroad employees retirement accounts	4.8	4.3	3.1	3.1	2.7	2.0	1.3	.5	2.6
Federal employees retirement funds	22.5	38.8	56.7	64.7	74.3	85.0	97.3	111.2	126.0
Airport and airway trust fund	(x)	2.0	3.7	4.4	5.4	4.7	3.9	4.8	6.2
Highway trust funds	2.6	9.6	11.7	12.6	11.0	9.3	9.0	9.6	11.0
Foreign military sales trust fund	.5	2.1	4.9	6.3	5.2	4.7	4.6	5.3	5.9
Veterans life insurance funds	7.1	7.7	8.3	8.4	8.5	8.6	8.8	9.1	9.3
Other trust funds (nonrevolving)	.6	.7	1.0	1.3	1.7	2.2	2.8	3.2	3.2
Trust revolving funds	5.5	8.9	12.5	14.1	15.5	17.7	19.7	21.2	23.4

X Not applicable. [1] After deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately. [2] Old-age, survivors, and disability insurance. [3] Deposits for general revenue sharing. [4] Payments for general revenue sharing.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 488. Federal Budget Receipts, by Major Source: 1960 to 1984

[In billions of dollars, except percent. For years ending **June 30** except, beginning **1978,** ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series Y 343–351]

MAJOR SOURCE	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984, est.
Total receipts	**92.5**	**116.8**	**192.8**	**279.1**	**399.6**	**463.3**	**517.1**	**599.3**	**617.8**	**600.6**	**670.1**
Individual income taxes	40.7	48.8	90.4	122.4	181.0	217.8	244.1	285.9	297.7	288.9	293.3
Social insurance taxes and contributions	14.7	22.3	44.4	84.5	121.0	138.9	157.8	182.7	201.5	209.0	239.5
Employment taxes and contributions	11.2	17.4	39.1	75.2	103.9	120.1	138.7	163.0	180.7	185.8	211.7
Unemployment insurance	2.7	3.8	3.5	6.8	13.9	15.4	15.3	15.8	16.6	18.8	23.3
Other contributions	.8	1.1	1.8	2.6	3.2	3.5	3.7	4.0	4.2	4.4	4.5
Corporation income taxes	21.5	25.5	32.8	40.6	60.0	65.7	64.6	61.1	49.2	37.0	66.6
Excise taxes	11.7	14.6	15.7	16.6	18.4	18.7	24.3	40.8	36.3	35.3	38.2
Estate and gift taxes	1.6	2.7	3.6	4.6	5.3	5.4	6.4	6.8	6.0	6.1	5.9
Customs duties	1.1	1.4	2.4	3.7	6.6	7.4	7.2	8.1	6.9	8.7	9.1
Miscellaneous receipts	1.2	1.6	3.4	6.7	7.4	9.3	12.7	13.8	16.2	15.6	17.5
PERCENT DISTRIBUTION											
Individual income taxes	44.0	41.8	46.9	43.9	45.3	47.0	47.2	47.7	48.2	48.1	43.8
Social insurance taxes and contributions	15.9	19.1	23.0	30.3	30.3	30.0	30.5	30.5	32.6	34.8	35.7
Employment taxes and contributions	12.1	14.9	20.3	27.1	26.0	25.9	26.8	27.1	29.2	30.9	31.6
Corporation income taxes	23.2	21.8	17.0	14.6	15.0	14.2	12.5	10.2	8.0	6.2	9.9
Excise taxes	12.6	12.5	8.1	5.9	4.6	4.0	4.7	6.8	5.9	5.9	5.7
Customs, estate, and gift taxes	2.9	3.6	3.2	3.0	3.0	2.7	2.6	2.5	2.7	2.4	2.2
Miscellaneous receipts	1.3	1.4	1.8	2.4	1.9	2.0	2.5	2.3	2.6	2.6	2.6

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and unpublished document, "Federal Government Finances," February 1984 edition.

No. 489. Executive Controllability of Federal Budget Outlays: 1970 to 1984

[In billions of dollars, except percent. For years ending **June 30** except, beginning **1977,** ending **Sept. 30;** transition quarter, **July–Sept. 1976,** omitted. Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments. This table is based on a Presidential perspective]

OUTLAYS	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, est.
Total outlays	**195.7**	**324.2**	**400.5**	**448.4**	**491.0**	**576.7**	**657.2**	**728.4**	**796.0**	**853.8**
Relatively uncontrollable outlays	**121.8**	**225.2**	**279.2**	**319.2**	**350.0**	**419.2**	**479.0**	**542.1**	**593.6**	**632.7**
Percent of total outlays	62.2	69.4	69.7	71.2	71.3	72.7	72.9	74.4	74.6	74.1
Open-ended programs and fixed costs	79.8	171.9	220.4	242.3	264.7	316.0	370.4	420.6	464.8	479.1
Payments for individuals	60.1	139.5	178.4	191.2	210.1	247.3	288.6	320.1	353.8	363.9
Social Security and railroad retirement	30.7	67.3	86.3	94.8	105.4	120.3	141.5	157.4	171.8	180.2
Federal employees' retirement and insurance [1]	8.7	18.4	24.0	26.7	29.9	34.7	40.5	44.4	47.3	49.4
Unemployment assistance	3.1	12.8	14.3	10.8	9.8	16.9	18.2	22.2	29.7	19.1
Medical care	9.4	21.6	31.4	35.9	41.6	47.2	57.2	65.6	73.5	83.8
Assistance to students [1]	1.0	4.7	3.8	3.9	3.7	3.9	4.7	5.1	4.4	4.6
Public assistance and related programs	6.4	12.2	15.1	16.0	15.8	17.9	20.0	19.9	20.9	20.3
All other relatively uncontrollable payments for individuals [1]	.9	2.0	2.0	2.0	2.7	3.0	3.0	2.9	2.9	3.0
Net interest	14.4	23.2	29.9	35.4	42.6	52.5	68.7	85.0	89.8	108.2
General revenue sharing	(x)	6.1	6.8	6.8	6.8	6.8	5.1	4.6	4.6	4.6
Farm price supports [2]	3.8	.6	3.5	5.5	3.7	2.9	4.1	11.6	18.9	6.7
Other	1.6	2.5	1.9	3.3	1.3	6.4	3.9	−1.1	−2.2	−4.2
Prior-year contracts and obligations [3]	41.9	53.3	58.8	76.9	85.3	103.2	108.6	121.5	128.7	153.6
National defense	24.1	22.3	18.5	28.2	30.9	36.5	41.4	56.9	68.3	83.1
Civilian programs	17.8	31.0	40.3	48.7	54.4	66.7	67.2	64.5	60.4	70.5
Relatively controllable outlays	**76.3**	**103.0**	**125.8**	**134.1**	**146.2**	**163.3**	**184.6**	**193.3**	**210.5**	**229.9**
National defense	51.6	57.0	70.8	67.8	76.4	87.3	104.5	115.4	126.1	137.6
Civilian programs	24.7	46.1	55.1	66.4	69.9	76.0	80.1	77.9	84.5	92.3
Undistributed employer share, employee retirement	−2.4	−4.0	−4.5	−5.0	−5.3	−5.8	−6.4	−7.0	−8.1	−8.8

X Not applicable. [1] Includes items previously classified in the veterans' benefits grouping. [2] Prices from Commodity Credit Corporation. [3] Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and unpublished document, "Federal Government Finances," February 1984 edition.

No. 490. Federal Budget Outlays in Current and Constant (1972) Dollars: 1960 to 1984

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible. Minus sign (—) indicates decline]

Year	Current dollars						Constant (1972) dollars					
	Total	National defense	Total nondefense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.	Total	National defense	Total nondefense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.
TOTAL OUTLAYS (bil. dol.)												
1960	92.2	48.1	44.1	24.4	6.9	7.0	143.3	78.4	64.8	33.6	10.0	10.8
1965	118.4	50.6	67.8	33.7	8.6	10.9	166.9	74.1	92.9	43.4	11.5	15.4
1970	195.7	81.7	114.0	66.1	14.4	24.0	220.2	94.0	126.2	71.8	15.8	26.9
1973	245.6	76.7	169.0	106.6	17.3	41.8	233.3	71.8	161.4	102.4	16.6	39.7
1974	267.9	79.3	188.6	122.8	21.4	43.3	236.8	69.6	167.2	109.1	19.1	37.9
1975	324.2	86.5	237.7	156.8	23.2	49.8	260.1	69.2	190.9	127.0	18.9	39.2
1976	364.5	89.6	274.9	184.1	26.7	59.0	274.2	67.0	207.3	140.6	20.3	43.5
1976, TQ [4]	94.2	22.3	71.9	46.9	6.9	15.9	68.8	16.2	52.6	34.8	5.1	11.6
1977	400.5	97.2	303.3	200.8	29.9	68.3	280.7	67.3	213.4	143.5	21.2	46.8
1978	448.4	104.5	343.9	215.8	35.4	77.8	293.8	67.2	226.6	145.0	23.6	49.5
1979	491.0	116.3	374.7	237.9	42.6	82.8	297.1	69.6	227.6	147.2	26.1	48.1
1980	576.7	134.0	442.7	283.1	52.5	91.4	316.6	71.3	245.3	159.2	29.6	48.2
1981	657.2	157.5	499.7	330.4	68.7	94.7	327.6	74.6	253.0	170.3	35.2	46.2
1982	728.4	185.3	543.1	363.7	85.0	88.1	339.1	80.0	259.0	176.2	40.7	40.6
1983	796.0	209.9	586.1	402.5	89.8	92.4	354.5	85.9	268.6	187.0	41.2	40.9
1984	853.8	237.5	616.2	413.2	108.2	98.1	364.4	93.9	270.4	183.9	47.7	41.4
PERCENT DISTRIBUTION												
1960	100.0	52.2	47.8	26.4	7.5	7.6	100.0	54.7	45.2	23.4	7.0	7.5
1965	100.0	42.7	57.3	28.5	7.3	9.2	100.0	44.4	55.7	26.0	6.9	9.2
1970	100.0	41.8	58.2	33.8	7.3	12.3	100.0	42.7	57.3	32.6	7.2	12.2
1973	100.0	31.2	68.8	43.4	7.1	17.0	100.0	30.8	69.2	43.9	7.1	17.0
1974	100.0	29.6	70.4	45.8	8.0	16.2	100.0	29.4	70.6	46.1	8.1	16.0
1975	100.0	26.7	73.3	48.3	7.2	15.3	100.0	26.6	73.4	48.8	7.3	15.1
1976	100.0	24.6	75.4	50.5	7.3	16.2	100.0	24.4	75.6	51.3	7.4	15.9
1976, TQ [4]	100.0	23.6	76.4	49.8	7.4	16.9	100.0	23.5	76.5	50.6	7.4	16.9
1977	100.0	24.3	75.7	50.1	7.5	17.1	100.0	24.0	76.0	51.1	7.6	16.7
1978	100.0	23.3	76.7	48.1	7.9	17.4	100.0	22.9	77.1	49.4	8.0	16.8
1979	100.0	23.7	76.3	48.5	8.7	16.9	100.0	23.4	76.6	49.5	8.8	16.2
1980	100.0	23.2	76.8	49.1	9.1	15.8	100.0	22.5	77.5	50.3	9.3	15.2
1981	100.0	24.0	76.0	50.3	10.5	14.4	100.0	22.8	77.2	52.0	10.7	14.1
1982	100.0	25.4	74.6	49.9	11.7	12.1	100.0	23.6	76.4	52.0	12.0	12.0
1983	100.0	26.4	73.6	50.6	11.3	11.6	100.0	24.2	75.8	52.8	11.6	11.5
1984	100.0	27.8	72.2	48.4	12.7	11.5	100.0	25.8	74.2	50.5	13.1	11.4
AVERAGE ANNUAL PERCENT CHANGE												
1960–1965	5.2	1.1	9.0	6.8	4.5	9.3	3.2	−1.0	7.5	5.3	3.0	7.5
1965–1970	10.7	10.4	11.0	14.4	10.9	17.2	5.9	5.3	6.4	10.6	6.6	11.0
1970–1975	10.8	1.3	16.0	19.0	10.3	15.9	3.4	−5.9	8.7	12.2	3.8	8.1
1975–1980	12.2	9.2	13.3	12.6	17.6	13.0	4.0	.6	5.2	4.7	9.4	4.3
1980–1984	10.3	15.4	8.7	10.0	20.2	1.9	3.6	7.1	2.5	3.7	12.9	−3.6

[1] Includes other items, not shown separately. [2] Includes small grants-in-aid to State and local governments. [3] Total interest less interest received by trust funds. [4] Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and in unpublished document, "Federal Government Finances," February 1984 edition.

No. 491. Off-Budget Federal Outlays By Entity and Selected Subfunction: 1975 to 1984

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Negative outlays (—) result from offsetting receipts exceeding outlays from appropriations and balances]

Entity	1975	1977	1978	1979	1980	1981	1982	1983	1984, est.
Off-budget outlays, total	**8,088**	**8,700**	**10,359**	**12,467**	**14,245**	**21,005**	**17,331**	**12,357**	**16,196**
REA [1] and telephone revolving fund	477	394	62	−4	−30	34	(Z)	−2	–
Rural telephone bank	110	59	113	101	158	114	79	59	154
Strategic petroleum reserve	(2)	(2)	(2)	(2)	(2)	(2)	3,687	1,641	2,157
Postal Service	1,112	−173	−496	−891	−431	89	−553	322	1,209
USRA [3] regional rail organization	34	219	66	89	36	−267	−23	−67	−53
Federal Financing Bank for: Total [4]	**6,355**	**8,201**	**10,614**	**13,172**	**14,513**	**21,035**	**14,142**	**10,404**	**12,729**
REA [1] and telephone revolving fund	255	1,222	2,093	2,320	3,188	4,601	4,467	3,001	3,968
FmHA: [5] Rural housing insurance fund	3,175	3,105	3,360	2,930	1,906	4,045	2,800	1,755	2,182
Foreign military sales fund	112	1,409	1,462	1,293	1,932	1,945	2,288	2,858	3,631
FmHA: [5] Agriculture credit insurance fund	1,375	1,250	3,640	5,045	3,982	5,790	1,055	695	1,539
FmHA: [5] Rural development insurance fund	450	610	660	830	993	1,025	1,060	505	646
Other	988	605	−601	754	2,512	3,629	2,472	1,590	763

– Represents zero. Z Less than $500,000. [1] REA=Rural Electrification Administration. [2] Funding for strategic petroleum reserve began in fiscal year 1982. [3] USRA=United States Rail Authority. [4] Includes non-loan residual not shown separately. [5] FmHA=Farmers Home Administration.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and unpublished document, "Federal Government Finances," February 1984 edition.

No. 492. Federal Budget Outlays, by Function: 1960 to 1984

[In billions of dollars, except percent. For years ending June 30 except, beginning 1978, ending Sept. 30. See table 485 for detailed functions. See also *Historical Statistics, Colonial Times to 1970*, series Y 466-487]

Function	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984, est.
Total budget outlays	92.2	118.4	195.7	324.2	448.4	491.0	576.7	657.2	728.4	796.0	853.8
National defense	48.1	50.6	81.7	86.5	104.5	116.3	134.0	157.5	185.3	209.9	237.5
Human resources	26.2	36.8	75.3	173.0	242.1	267.1	312.1	359.2	387.2	425.6	437.9
Income security	7.4	10.0	15.6	50.2	61.5	66.4	86.4	99.2	107.0	122.2	112.5
Health	.8	1.8	5.9	12.9	18.5	20.5	23.1	26.9	27.4	28.7	30.7
Veterans benefits and services	5.4	5.7	8.7	16.6	19.0	19.9	21.2	23.0	24.0	24.8	25.8
Education, training, employment [1]	1.0	2.1	8.6	15.9	26.5	29.9	30.8	31.4	26.3	26.6	28.7
Social security and medicare	11.6	17.5	36.5	77.5	116.6	130.6	150.6	178.7	202.5	223.3	240.2
Other nondefense	17.9	31.0	38.7	64.7	101.8	107.6	130.6	140.5	155.9	160.5	178.4
Commerce and housing credit	1.6	1.2	2.1	5.6	3.3	2.6	7.8	3.9	3.9	4.4	3.8
Transportation	4.1	5.7	7.0	10.4	15.4	17.5	21.1	23.4	20.6	21.4	26.1
Natural resources and environment	1.6	2.5	3.1	7.3	10.9	12.1	13.8	13.6	13.0	12.7	12.3
Energy	.5	.7	1.0	2.2	5.8	6.9	6.3	10.3	4.7	4.0	3.5
Community, regional development	.2	1.1	2.4	3.7	11.1	9.5	10.1	9.4	7.2	6.9	7.6
Agriculture	2.6	4.0	5.2	1.7	7.7	6.2	4.8	5.5	14.9	22.2	10.7
Net interest	6.9	8.6	14.4	23.2	35.4	42.6	52.5	68.7	85.0	89.8	108.2
Revenue sharing [2]	.2	.2	.5	7.2	9.6	8.4	8.6	6.9	6.4	6.4	6.7
International affairs	3.0	5.2	4.4	7.1	6.1	6.3	10.9	11.2	10.1	9.0	13.5
General science, space, technology	.6	5.8	4.5	4.0	4.7	5.0	5.7	6.4	7.1	7.7	8.3
General government	1.0	1.2	1.7	2.9	3.4	3.9	4.1	4.4	4.4	4.8	5.7
Administration of justice	.4	.5	1.0	2.9	3.8	4.2	4.6	4.8	4.7	5.1	6.0
Undistributed offsetting receipts	−4.8	−5.9	−8.6	−13.6	−15.7	−17.5	−19.9	−28.0	−26.1	−34.0	−34.0
PERCENT DISTRIBUTION											
Total outlays	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
National defense	52.2	42.7	41.7	26.7	23.3	23.7	23.2	24.0	25.4	26.4	27.8
Income security	8.0	8.4	8.0	15.5	13.7	13.5	15.0	15.1	14.7	15.4	13.2
Health	.9	1.5	3.0	4.0	4.1	4.2	4.0	4.1	3.8	3.6	3.6
Veterans benefits and services	5.9	4.8	4.4	5.1	4.2	4.1	3.7	3.5	3.3	3.1	3.0
Education, training, employment [1]	1.0	1.8	4.4	4.9	5.9	6.0	5.3	4.8	3.6	3.3	3.4
Social security and medicare	12.6	14.8	18.6	23.9	26.0	26.6	26.1	27.2	27.8	28.0	28.1
Commerce and housing credit	1.8	1.0	1.1	1.7	.7	.5	1.4	.6	.5	.6	.4
Transportation	4.5	4.9	3.6	3.2	3.4	3.6	3.7	3.6	2.8	2.7	3.1
Natural resources and environment	1.7	2.1	1.6	2.3	2.4	2.5	2.4	2.1	1.8	1.6	1.4
Energy	.5	.6	.5	.7	1.3	1.4	1.1	1.6	.6	.5	.4
Community and regional development	.2	.9	1.2	1.2	2.5	1.9	1.7	1.4	1.0	.9	.9
Agriculture	2.8	3.4	2.6	.5	1.7	1.3	.8	.8	2.0	2.8	1.2
Net interest	7.5	7.2	7.3	7.2	7.9	8.7	9.1	10.5	11.7	11.3	12.7
Revenue sharing [2]	.2	.2	.3	2.2	2.1	1.7	1.5	1.0	.9	.8	.8
International affairs	3.2	4.4	2.2	2.2	1.3	1.3	1.9	1.7	1.4	1.1	1.6
General science, space, technology	.6	4.9	2.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0
General government	1.1	1.0	.9	.9	.8	.8	.7	.7	.6	.6	.7
Administration of justice	.4	.4	.5	.9	.8	.8	.8	.7	.6	.6	.7
Undistributed offsetting receipts	−5.2	−5.0	−4.4	−4.2	−3.5	−3.6	−3.4	−4.3	−3.6	−4.3	−4.0

[1] Includes social services. [2] Includes general purpose fiscal assistance.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1984 edition.

No. 493. Selected Governmental Economic and Business Indicators—Average Annual Percent Change: 1939 to 1980

Item	1939-40 to 1949-50	1949-50 to 1959-60	1959-60 to 1969-70	1969-70 to 1979-80
SELECTED ECONOMIC SERIES [1]				
Gross national product	11.1	5.9	7.0	10.2
Population (July 1)	1.8	1.4	1.3	1.1
Civilian employment	2.2	1.1	1.8	2.2
Per capita disposable income in constant (1972) dollars	2.6	1.3	3.1	2.2
Consumer price index	5.6	2.1	2.7	7.8
ALL GOVERNMENTS [2]				
Expenditures	13.2	8.0	8.2	10.7
Tax receipts	14.4	8.7	8.1	10.2
Debt	16.1	2.4	3.7	9.2
FEDERAL GOVERNMENT [3]				
Budget receipts	20.0	8.9	7.7	10.4
Budget outlays	16.2	8.0	7.9	11.4
Public debt	19.6	1.2	2.8	9.1
National defense and international affairs outlays	27.6	10.7	5.5	5.9
Domestic civilian expenditures	11.3	7.1	10.2	14.3
Federal tax receipts (incl. social insurance taxes)	21.1	8.9	7.7	10.1
Federal civilian employment	6.6	2.1	2.0	.6

[1] Relates to calendar years 1940, 1950, 1960, 1970, and 1980. [2] Relates to fiscal years 1940, 1950, 1960, 1970, and 1979. [3] Relates to fiscal years 1940, 1950, 1960, 1970, and 1980.

Source: Tax Foundation, Inc., Washington, D.C., *Facts and Figures on Government Finance*, biennial.

No. 494. Revenue Loss Estimates for Selected "Tax Expenditures" by Function: 1983 and 1984

[**In millions of dollars.** For years ending **Sept. 30.** Represents tax expenditures of $300 million or more in 1984]

DESCRIPTION	1983	1984
National defense:		
Exclusion of benefits and allowances to Armed Forces personnel	1,785	1,895
International affairs:		
Exclusion of income earned abroad by United States citizens	1,285	1,300
Deferral of income of domestic international sales corporations (DISC)	950	870
Deferral of income from controlled foreign corporations	560	615
General science, space, and technology:		
Expensing of research and development expenditures	870	1,235
Credit for increasing research activities	615	665
Energy:		
Expensing of exploration and development costs:		
Oil and gas	3,160	1,815
Excess of percentage over cost depletion:		
Oil and gas	1,280	1,220
Residential energy credits:		
Supply incentives	325	370
Natural resources and environment:		
Excess of percentage over cost depletion, nonfuel minerals	290	330
Exclusion of interest on State and local IDB's for pollution control and sewage and waste disposal facilities	1,220	1,335
Tax incentives for preservation of historic structures	270	320
Capital gains treatment of certain timber income	370	515
Agriculture:		
Expensing of certain capital outlays	560	585
Capital gains treatment of certain income	615	585
Commerce and housing credit:		
Dividend exclusion	465	455
Exclusion of interest on small issue industrial development bonds	1,825	1,985
Excess bad debt reserves of financial institutions	405	635
Exclusion of interest on life insurance savings	4,335	4,720
Deductibility of interest on consumer credit	9,215	10,040
Deductibility of mortgage interest on owner-occupied homes	20,800	22,985
Deductibility of property tax on owner-occupied homes	8,010	8,775
Exclusion of interest on State and local housing bonds for owner-occupied housing	1,360	1,590
Exclusion of interest on State and local debt for rental housing	710	900
Capital gains (other than agriculture, timber, iron ore and coal)	17,105	16,735
Deferral of capital gains on home sales	1,325	1,700
Exclusion of capital gains on home sales for persons age 55 and over	600	755
Carryover basis of capital gains at death	3,535	3,860
Investment credit, other than ESOP's, rehabilitation of structures, energy property, and reforestation expenditures	21,245	26,750
Accelerated depreciation on rental housing	695	820
Accelerated depreciation of buildings other than rental housing	325	365
Accelerated depreciation of machinery and equipment	10,920	18,395
Safe harbor leasing rules	3,370	2,800
Exclusion of interest on certain savings certificates	1,225	320
Reinvestment of dividends in public utility stock	365	415
Reduced rates on the first $100,000 of corporate income	4,500	5,645
Community and regional development:		
Investment credit for rehabilitation of structures (other than historic)	335	365
Exclusion of interest on IDB's for airports, docks, sports and convention facilities	440	475
Education, training, employment, and social services:		
Exclusion of scholarship and fellowship income	560	565
Exclusion of interest on State and local student loan bonds	205	310
Parental personal exemption for students age 19 or over	1,025	980
Deductibility of charitable contributions (education)	970	1,080
Exclusion of employee meals and lodging (other than military)	680	725
Investment credit for ESOP's	1,250	1,375
Credit for child and dependent care expenses	1,520	1,695
Targeted jobs credit	455	695
Deduction for two-earner married couples	3,120	6,200
Deductibility of charitable contributions, other than education and health	9,635	10,100
Health:		
Exclusion of employer contributions for medical insurance premiums and medical care	15,270	17,625
Deductibility of medical expenses	3,415	3,150
Exclusion of interest on State and local debt for private nonprofit health facilities	1,020	1,275
Deductibility of charitable contributions (health)	1,535	1,645
Social Security and medicare:		
Exclusion of Social Security benefits:		
Disability insurance benefits	1,310	1,225
OASI benefits for retired workers	14,035	13,895
Benefits for dependents and survivors	3,775	3,755
Income security:		
Exclusion of railroad retirement system benefits	780	615
Exclusion of workmen's compensation benefits	1,885	2,020
Exclusion of public assistance benefits	515	495
Exclusion of untaxed unemployment insurance benefits	2,960	2,305
Net exclusion of pension contributions and earnings:		
Employer plans	46,585	50,535
Individual Retirement Accounts	8,855	9,190
Keoghs	1,460	1,475
Exclusion of other employee benefits:		
Premiums on group term life insurance	2,040	2,170
Additional exemption for elderly	2,505	2,510
Deductibility of casualty losses	485	370
Earned income credit [1]	355	315
Veterans benefits and services:		
Exclusion of veterans disability compensation	1,815	1,810
Exclusion of veterans pensions	345	335
General purpose fiscal assistance:		
Exclusion of interest on public purpose State and local debt	9,080	9,800
Deductibility of nonbusiness State and local taxes other than on owner-occupied homes	18,070	19,840
Tax credit for corporations receiving income from doing business in United States possessions	1,350	1,075
Interest:		
Deferral of interest on savings bonds	566	721

[1] Indicates the effect of the earned income tax credit on receipts. The effect on outlays is: 1983, $1,213 million; and 1984, $1,123 million.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 495. Federal Budget Outlays, by Agency: 1970 to 1984

[In billions of dollars. For years ending June 30 except, beginning 1978, ending Sept. 30]

DEPARTMENT OR OTHER UNIT	1970	1975	1978	1979	1980	1981	1982	1983	1984
Total	**195.6**	**324.2**	**448.4**	**491.0**	**576.7**	**657.2**	**728.4**	**796.0**	**853.8**
Legislative branch	.3	.7	1.0	1.1	1.2	1.2	1.4	1.4	1.7
The Judiciary	.1	.3	.4	.5	.6	.6	.7	.8	.9
Executive Office of the President	(Z)	.1	.1	.1	.1	.1	.1	.1	.1
Funds appropriated to President	2.9	4.0	4.4	2.6	7.5	7.0	6.1	5.5	8.1
Departments:									
Agriculture	8.3	9.7	20.4	20.6	24.6	26.0	36.2	46.4	34.8
Commerce	1.1	1.6	5.2	4.1	3.8	[1] 11.5	2.0	1.9	2.2
Defense	78.4	87.1	105.6	117.9	136.1	[2] 159.2	185.9	223.3	250.6
Education [3] [4]	(NA)	(NA)	(NA)	10.9	13.1	(Z)	14.1	14.6	16.1
Energy [5]	2.5	3.2	6.3	7.9	6.5	(1)	7.6	8.4	8.8
Health and Human Services [4] [6]	(NA)	(NA)	(NA)	167.6	191.8	[2] 228.1	251.3	276.6	296.0
Health, Educ., and Welfare [4]	51.7	110.5	160.4	(4)	(4)	(4)	(4)	(4)	(4)
Housing and Urban Development	2.6	7.5	7.6	9.2	12.6	14.0	14.5	15.3	15.9
Interior	1.0	2.1	3.8	4.1	4.4	[1] [2] 6.8	3.9	4.6	4.9
Justice	.6	2.1	2.4	2.5	2.6	[1] [2] 2.8	2.6	2.8	3.4
Labor [7]	5.2	17.6	22.9	22.6	29.7	30.1	30.7	38.1	27.1
State	.4	.8	1.2	1.5	1.9	1.9	2.2	2.3	2.6
Transportation	6.4	9.2	13.4	15.5	19.0	22.5	19.9	20.6	25.3
Treasury	19.5	41.2	56.4	65.0	76.7	[2] 93.4	110.5	116.4	137.7
Independent agencies: [1] [2]									
Environmental Protection Agency	.4	2.5	4.1	4.8	5.6	5.2	5.1	4.3	4.0
Nat'l Aero. and Space Admin.	3.7	3.3	4.0	4.2	4.8	5.4	6.0	6.7	7.1
Foundation for Education Assistance [3]	(NA)	(NA)	(NA)	(NA)	(NA)	13.1	(NA)	(NA)	(NA)
Office of Personnel Management [8]	2.6	7.0	10.9	12.6	15.0	18.1	20.0	21.3	22.6
Railroad Retirement Board	1.6	3.1	4.1	4.4	4.8	5.3	(NA)	(NA)	(NA)
Small Business Administration	.3	.6	2.8	1.6	1.9	1.9	(NA)	.5	.4
Tennessee Valley Authority	.2	.8	1.4	1.9	1.9	1.9	(NA)	(NA)	(NA)
Veterans Administration	8.6	16.6	19.0	19.9	21.1	22.9	23.9	24.8	25.8
Other independent agencies	3.6	6.7	6.3	6.2	11.4	8.4	13.1	10.5	11.3
Undistributed offsetting receipts	−6.6	−14.1	−15.8	−18.5	−21.9	−30.3	−29.3	−51.1	−53.4

NA Not available. Z Less than $50 million. [1] The 1983 Budget proposed dismantlement of the Dept. of Energy (DOE), effective Oct. 1, 1982. Budget data for activities previously performed by DOE were included in the agencies that were proposed to assume these activities. [2] The 1983 Budget proposed dismantlement of the Dept. of Education (DED), effective Oct. 1, 1982. Budget data for activities previously performed by DED were included in the agencies that were proposed to assume these responsibilities. [3] New agency which assumed education activities previously performed by Dept. of Health, Education, and Welfare, and other education programs. [4] The Budget shows the Dept. of Education and the Dept. of Health and Human Services as it they existed since 1979. [5] See footnote 8, table 527. [6] This agency has assumed the health and welfare activities previously performed by the Dept. of Health, Education, and Welfare. [7] Includes Pension Benefit Guaranty Corporation. [8] Civil Service Commission prior to 1979.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 496. Public Debt and Interest Paid of the Federal Government: 1940 to 1983

[Through 1976, as of June 30; beginning 1977, as of Sept. 30. Total *public debt* is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value. See table 483 for "gross Federal debt." For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series Y 461, 493, and 494]

YEAR	PUBLIC DEBT			INTEREST PAID		YEAR	PUBLIC DEBT			INTEREST PAID	
	Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]		Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]
1940	43.0	8.4	325	1.0	11.5	1974	474.2	3.7	2,223	29.3	10.9
1945	258.7	43.0	1,849	3.8	3.7	1975	533.2	12.4	2,475	32.7	10.2
1950	256.1	−.1	1,688	5.7	14.5	1976	620.4	16.4	2,852	37.1	10.1
1955	272.8	1.3	1,651	6.4	9.3	1977	698.8	10.1	3,170	41.9	10.4
1960	284.1	.9	1,572	9.2	10.0	1978	771.5	10.4	3,463	48.7	10.9
1965	313.8	2.0	1,613	11.3	9.5	1979	826.5	7.1	3,669	59.8	12.1
1970	370.1	3.3	1,814	19.3	9.9	1980	907.7	9.8	3,985	74.9	13.0
1971	397.3	7.4	1,921	21.0	10.0	1981	997.9	9.9	4,338	95.6	14.5
1972	426.4	7.3	2,037	21.8	9.4	1982	1,142.0	14.4	4,913	117.4	16.1
1973	457.3	7.2	2,164	24.2	9.9	1983	1,377.2	20.6	5,870	128.8	16.2

[1] Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, 1965, and 1970–1974. [2] From preceding year shown; for 1940, change from 1935. [3] 1940–1976, based on estimated July 1 population; thereafter, based on October 1 population; prior to 1960, excludes Alaska and Hawaii.

[4] Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, total budget outlays.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* through fiscal 1980; thereafter, *Monthly Statement of the Public Debt of the United States*, and *Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government*.

No. 497. Federal Participation in Domestic Credit Markets: 1975 to 1984

[**In billions of dollars, except percent.** See headnote, table 501. Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises]

TYPE OF PARTICIPATION	1975	1977	1978	1979	1980	1981	1982	1983	1984, est.
Total funds advanced in U.S. credit markets, excluding equities [1]	**178.0**	**309.8**	**385.7**	**423.5**	**356.4**	**414.3**	**394.2**	**497.5**	(NA)
Advanced under Federal auspices [2]	27.0	36.7	58.4	72.9	79.9	86.5	87.6	86.5	88.5
Federal participation rate (percent)	15.2	11.8	15.1	17.2	22.4	20.9	22.2	17.4	(NA)
Direct loans:									
On-budget	5.8	2.6	8.6	6.0	9.5	5.2	9.1	4.8	−3.9
Off-budget	7.0	9.0	11.2	13.6	14.7	20.9	14.3	10.5	13.2
Guaranteed loans	8.6	13.5	13.4	25.2	31.6	28.0	20.9	34.1	39.4
Government-sponsored enterprise loans	5.6	11.7	25.2	28.1	24.1	32.4	43.4	37.1	39.8
Total funds raised in U.S. credit markets [1]	**178.0**	**309.8**	**385.7**	**423.5**	**356.4**	**414.3**	**394.2**	**497.5**	(NA)
Raised under Federal auspices	64.8	79.0	93.9	80.7	123.5	142.1	199.7	281.0	262.2
Federal participation rate (percent)	36.4	25.5	24.4	19.1	34.7	34.3	50.7	56.5	(NA)
Federal borrowing from public	50.9	53.5	59.1	33.6	70.5	79.3	135.0	212.3	183.0
Borrowing for guaranteed loans	8.6	13.5	13.4	25.2	31.6	28.0	20.9	34.1	39.4
Government-sponsored enterprise borrowing	5.3	12.0	21.4	21.9	21.4	34.8	43.8	34.6	39.8

NA Not available. [1] Nonfinancial sectors. [2] Estimated.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual.

No. 498. Federal Securities—Distribution Issue By Class of Investor: 1970 to 1983

[**In billions of dollars.** As of **June 30,** except beginning **1977,** as of **September 30.** The Export-Import Bank was moved within the budget effective October 1, 1976. Adjustments are made to include totals for the period it was outside the budget (1970–76). Also adjustments are made to reflect certain Export-Import Bank borrowing now classified as agency debt]

YEAR	Federal securities outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES				YEAR	Federal securities outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES			
		Total outstanding	Held by U.S. Gov't. accounts	Held by Federal Reserve banks [2]	Held by private investors			Total outstanding	Held by U.S. Gov't. accounts	Held by Federal Reserve banks [2]	Held by private investors
1970	383	369	95	58	216	1977	709	698	155	[3] 105	437
1972	437	425	111	71	243	1978	780	767	168	115	484
1973	468	456	123	75	258	1979	834	819	188	115	516
1974	486	473	138	80	255	1980	914	906	198	121	588
1975	544	532	145	85	302	1981	1,004	996	208	124	664
1976	632	619	150	94	375	1982	1,147	1,141	216	134	790
						1983	1,382	1,376	239	155	981

[1] Includes agency securities and matured public debt not shown separately. [2] Public issues.
[3] Includes a nonmarketable Federal Reserve special certificate for $2,500.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin,* quarterly.

No. 499. Federal Government Interest-Bearing Public Debt: 1965 to 1983

[**In billions of dollars.** As of **June 30** except, beginning **1978,** as of **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series Y 497 and Y 500–504]

DEBT INSTRUMENT	1965	1970	1975	1978	1979	1980	1981	1982	1983	PERCENT OF TOTAL			
										1970	1980	1982	1983
Total	**313.1**	**369.0**	**532.1**	**767.0**	**819.0**	**906.4**	**996.5**	**1,140.9**	**1,375.8**	**100.0**	**100.0**	**100.0**	**100.0**
Computed interest rate	3.68	5.56	6.35	7.13	8.06	9.03	11.5	11.4	10.5	(X)	(X)	(X)	(X)
Marketable [1]	208.7	232.6	315.6	485.2	506.7	594.5	683.2	824.4	1,024.0	63.0	65.6	72.3	74.4
Bills	53.7	76.2	128.6	160.9	161.4	199.8	223.4	277.9	340.7	20.7	22.0	24.4	24.8
Notes	52.5	93.5	150.2	267.9	274.2	310.9	363.6	442.9	557.5	25.3	34.3	38.8	40.5
Treasury bonds [2]	102.5	63.0	36.8	56.4	71.1	83.8	96.2	103.6	125.7	17.1	9.2	9.1	9.1
Nonmarketable	104.5	136.4	216.5	281.8	312.3	311.9	313.3	316.5	351.8	37.0	34.4	27.7	25.6
U.S. savings bonds	50.0	51.3	65.4	79.8	80.4	72.7	66.0	67.3	70.0	13.9	8.0	5.9	5.1
Other [3]	5.8	8.8	26.9	48.7	55.5	49.3	44.2	38.7	47.0	2.4	5.4	3.4	3.4
Govt. account series [4]	48.7	76.3	124.2	153.3	176.4	189.8	201.1	210.5	234.7	20.7	20.9	18.5	17.1
Marketable debt, by maturity:													
Within 1 year	87.6	105.5	163.9	225.4	246.7	276.5	319.0	372.7	455.5	28.6	30.5	32.7	45.2
1–5 years	56.2	89.6	101.9	168.5	157.3	195.8	218.3	259.0	364.1	24.3	21.6	22.7	36.2
5–10 years	39.2	15.9	26.8	49.3	45.5	53.4	61.7	88.1	97.7	4.3	5.9	7.7	9.7
10–20 years	8.5	10.5	14.5	16.6	26.2	35.5	41.4	39.1	50.4	2.8	3.9	3.4	5.0
20 years and over	17.2	11.0	8.4	25.4	30.9	33.3	42.9	47.4	39.7	3.0	3.7	4.2	3.9
Average length, yr.-mo	5-4	3-8	3-0	3-6	3-7	3-9	4-0	3-11	4-1	(X)	(X)	(X)	(X)

X Not applicable. [1] For 1960, includes postal savings, certificates, and Panama Canal bonds, not shown separately. [2] Bank eligible bonds. [3] Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depositary bonds; U.S. retirement plan bonds; and U.S. savings notes, beginning 1970. [4] Prior to July 1975, known as U.S. Treasury special issues.

Source: U.S. Dept. of the Treasury, *Daily Statement of the U.S. Treasury* and *Monthly Statement of the Public Debt of the United States.* In *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* through 1981, and in *Treasury Bulletin,* quarterly.

No. 500. Interest-Bearing Government Securities Outstanding: 1965 to 1983

[**In billions of dollars, except percent.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Par values, except U.S. savings bonds series, E, F, J, and U.S. savings notes, which are included at current redemption values]

TYPE OF SECURITY	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**420**	**521**	**686**	**756**	**864**	**967**	**1,061**	**1,140**	**1,259**	**1,369**	**1,552**	**1,843**
Tax exempt [1]	97	139	201	213	234	259	285	314	346	367	406	462
Percent of total	23.1	26.7	29.3	28.2	27.1	26.7	26.7	27.0	27.5	26.6	26.2	25.1
Taxable [2]	274	306	370	419	499	568	623	650	723	802	936	1,146
Government account series [3]	49	76	115	124	131	140	153	176	190	201	210	235
By issuer:												
U.S. Treasury	313	369	473	532	619	698	767	819	906	996	1,141	1,376
Agency securities [4]	9	13	12	11	11	10	9	7	7	6	5	5
State and local govts. [1 5]	97	139	201	213	234	259	285	314	346	367	406	462

[1] Source: Board of Governors, Federal Reserve System, unpublished data. [2] Interest is subject to both normal and surtax rates of Federal income tax. [3] Prior to July 1, 1974, known as U.S. Treasury special issues. [4] Excludes securities issued by Federal home loan banks and Federal land banks. Beginning 1970, also excludes securities issued by Federal National Mortgage Association, Federal intermediate credit banks, and banks for cooperatives. [5] Wholly tax-exempt. Includes industrial pollution control bonds.

Source: Except as noted, U.S. Dept. of the Treasury, *Treasury Bulletin,* quarterly, and *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances.*

No. 501. Federal Direct and Guaranteed Loans: 1974 to 1984

[**In billions of dollars. 1984** estimated. As of **June 30** except, beginning **1977,** as of **Sept. 30.** Government guaranteed loans (loans for which the Government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays. They constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies. See headnote, table 497]

LOAN STATUS	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Direct loans: [1] Gross (new) loans disbursed	15.8	28.8	34.5	35.4	48.6	49.2	49.3	55.9	37.1	43.8	43.4
Net loan outlays	4.1	12.8	10.9	11.5	19.8	19.6	24.2	26.1	23.5	15.3	9.3
Direct loans outstanding	61.5	74.1	85.9	100.7	120.5	140.5	163.9	185.0	207.8	223.0	232.3
Guaranteed loans: [2] Primary [3]	32.0	31.2	31.9	43.9	48.5	60.5	66.2	60.2	59.6	78.0	87.6
Net loans	10.5	8.7	11.2	14.0	13.9	26.1	32.4	26.0	20.9	34.1	39.4
Guaranteed loans outstanding	189.7	198.3	210.1	224.0	237.9	264.6	298.5	309.1	331.2	363.8	403.2

[1] Includes loans from "off-budget" Government accounts. [2] Includes capital subscriptions to international financial institutions. To avoid double counting, secondary guaranteed loans and guaranteed loans held as direct loans are excluded. [3] Gross loan guarantees minus both secondary guaranteed loans, and guaranteed loans held as direct loans by the Government—by either on- or off-budget accounts.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual.

No. 502. U.S. Savings Bonds: 1960 to 1983

[**In billions of dollars, except percent. June 30** except, beginning **1977,** as of **Sept. 30.** See *Historical Statistics, Colonial Times to 1970,* series Y 500, for similar but not exactly comparable data]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Amounts outstanding, total [1]	47.2	50.3	51.8	65.5	75.4	79.8	80.5	72.7	68.0	67.5	70.3
Funds from sales	4.4	4.5	4.7	6.8	7.9	8.0	7.3	4.8	3.4	3.1	4.0
Accrued discounts	1.3	1.5	1.0	3.3	3.8	4.1	4.3	4.2	4.2	4.9	5.0
Redemptions [2]	6.7	5.4	6.3	6.5	7.1	7.7	11.0	16.7	12.3	8.7	6.1
Percent of total outstanding	14.2	10.7	12.2	10.0	9.4	9.7	13.6	23.0	18.0	12.9	8.7

[1] Interest-bearing debt only for amounts end of period or end of year. [2] Matured and unmatured bonds.

Source: U.S. Dept. of the Treasury. Monthly data published currently in *Treasury Bulletin.*

No. 503. Federal Tax Indexes, by Type of Tax: 1970 to 1982

[**1967 = 100.** Represents tax receipts, net of refunds, as shown in the national income accounts, generally on an accrual basis]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All taxes	**127.5**	**131.8**	**151.1**	**172.1**	**191.5**	**191.0**	**220.7**	**249.7**	**287.3**	**328.4**	**358.9**	**416.9**	**406.3**
Personal income taxes	138.1	133.1	159.6	170.1	196.3	187.7	220.0	252.9	294.4	349.4	389.6	451.9	454.4
Corporate profit taxes	102.0	111.4	121.9	144.1	150.3	145.1	161.8	205.2	237.6	247.1	234.0	224.2	157.2
Indirect business taxes [1]	119.3	125.4	122.1	130.8	132.6	145.9	141.7	150.5	167.7	170.6	222.7	346.1	283.5
Social insurance contributions	134.3	148.0	170.8	217.7	246.0	257.7	292.3	325.6	377.5	439.8	479.9	563.1	596.7
Estate and gift	120.1	149.7	174.9	166.1	156.4	159.4	182.2	233.5	171.8	180.9	214.4	227.9	244.7

[1] Excise taxes and custom duties.

Source: Tax Foundation, Inc., Washington, D.C., *Facts and Figures on Government Finance,* biennial.

NO. 504. FEDERAL FUNDS—SUMMARY DISTRIBUTION, BY STATE AND OUTLYING AREAS: 1983

[In millions of dollars, except as indicated. For year ending **Sept. 30.** Data for grants, salaries and wages, and direct payments to individuals are on an expenditure basis; procurement is on obligation basis. Minus sign (—) indicates decrease]

REGION, DIVISION, AND STATE	FEDERAL FUNDS			Defense	Non-defense	Direct payments to individuals	Procurement	Grants to State and local gov'ts	Salaries and wages
	Total [1]	Percent change 1982–1983	Per capita [2] (dol.)						
Total [3]	**696,780**	**15.4**	**2,932**	**195,668**	**501,112**	**325,882**	**158,929**	**92,712**	**102,601**
U.S. [3]	**672,646**	**15.0**	**2,875**	**182,122**	**490,532**	**322,852**	**142,082**	**89,759**	**101,471**
Region:									
Northeast	144,763	13.7	2,923	34,210	110,556	74,095	30,441	23,449	14,161
Midwest	148,419	18.7	2,518	26,720	121,702	82,619	22,689	21,454	15,239
South	230,673	14.0	2,900	66,801	163,874	108,745	43,615	27,118	47,034
West	148,791	14.5	3,237	54,391	94,400	57,393	45,337	17,738	25,037
New England	**41,753**	**8.6**	**3,343**	**14,954**	**26,800**	**17,647**	**13,534**	**5,813**	**3,861**
Maine	3,070	—1.0	2,679	683	2,386	1,673	433	575	366
New Hampshire	2,670	12.8	2,784	953	1,717	1,254	577	352	470
Vermont	1,339	15.9	2,551	231	1,109	678	196	312	118
Massachusetts	20,093	16.1	3,484	6,838	13,255	8,396	6,415	2,898	1,747
Rhode Island	2,813	10.8	2,946	665	2,149	1,516	406	486	367
Connecticut	11,768	—1.7	3,750	5,584	6,184	4,130	5,507	1,190	793
Middle Atlantic	**103,010**	**15.8**	**2,782**	**19,256**	**83,756**	**56,448**	**16,907**	**17,636**	**10,300**
New York	51,346	17.1	2,906	9,971	41,376	26,222	9,697	10,007	4,447
New Jersey	18,530	11.5	2,481	3,944	14,587	10,281	3,107	2,812	2,215
Pennsylvania	33,134	16.3	2,786	5,341	27,793	19,945	4,103	4,817	3,638
East North Central	**97,336**	**17.8**	**2,344**	**14,051**	**83,286**	**58,862**	**11,791**	**14,962**	**9,604**
Ohio	26,171	12.4	2,435	4,856	21,315	15,097	4,459	3,642	2,724
Indiana	12,050	19.2	2,199	2,759	9,291	6,840	2,182	1,611	1,184
Illinois	28,591	27.9	2,489	2,972	25,619	18,009	2,221	4,191	3,317
Michigan	19,978	10.9	2,203	2,457	17,521	12,531	1,941	3,614	1,626
Wisconsin	10,546	18.8	2,220	1,007	9,540	6,385	988	1,904	753
West North Central	**51,083**	**20.4**	**2,932**	**12,669**	**38,416**	**23,757**	**10,898**	**6,492**	**5,635**
Minnesota	10,101	18.0	2,437	1,842	8,259	5,036	1,775	1,765	790
Iowa	6,537	25.8	2,250	548	5,989	3,958	521	981	481
Missouri	18,939	18.7	3,811	6,708	12,232	7,374	6,306	1,675	1,983
North Dakota	2,127	45.7	3,129	386	1,742	826	195	372	370
South Dakota	1,926	20.3	2,751	218	1,707	938	116	361	329
Nebraska	4,329	30.2	2,711	632	3,698	2,330	309	575	656
Kansas	7,124	12.5	2,938	2,335	4,789	3,295	1,676	763	1,026
South Atlantic	**129,400**	**14.2**	**3,335**	**41,063**	**88,339**	**57,949**	**25,641**	**13,879**	**30,602**
Delaware	1,559	4.6	2,572	404	1,155	787	231	307	223
Maryland	18,125	20.3	4,211	5,968	12,157	6,509	5,364	1,790	4,217
District of Columbia	11,508	6.5	18,473	1,504	10,005	1,748	1,338	1,356	6,762
Virginia	24,989	14.3	4,503	13,891	11,098	8,057	7,916	1,666	7,212
West Virginia	4,724	18.2	2,404	240	4,485	3,287	184	840	397
North Carolina	12,856	11.5	2,114	3,198	9,658	7,153	920	1,878	2,692
South Carolina	8,312	12.8	2,547	2,383	5,929	3,908	1,278	1,113	1,946
Georgia	14,789	15.8	2,580	4,966	9,823	6,727	2,617	2,110	3,161
Florida	32,538	14.3	3,047	8,509	24,029	19,773	5,793	2,819	3,992
East South Central	**40,200**	**13.8**	**2,690**	**8,255**	**31,947**	**20,532**	**6,708**	**5,747**	**6,442**
Kentucky	8,823	13.9	2,376	1,547	7,277	4,971	768	1,489	1,525
Tennessee	12,915	13.7	2,757	1,492	11,423	6,470	2,622	1,687	1,823
Alabama	10,758	11.3	2,717	2,575	8,184	5,658	1,368	1,470	2,133
Mississippi	7,704	17.4	2,978	2,641	5,063	3,433	1,950	1,101	961
West South Central	**61,073**	**13.6**	**2,368**	**17,483**	**43,588**	**30,264**	**11,266**	**7,492**	**9,990**
Arkansas	6,074	19.1	2,609	1,139	4,934	3,502	719	901	642
Louisiana	10,321	7.8	2,326	2,213	8,108	5,135	1,830	1,710	1,269
Oklahoma	7,768	11.7	2,355	1,819	5,948	4,214	561	1,075	1,709
Texas	36,910	14.9	2,347	12,312	24,598	17,413	8,156	3,806	6,370
Mountain	**34,895**	**12.3**	**2,830**	**8,376**	**26,519**	**14,774**	**7,894**	**4,835**	**6,535**
Montana	2,204	23.7	2,698	243	1,961	1,057	138	477	367
Idaho	2,393	13.8	2,420	258	2,135	1,143	381	375	358
Wyoming	1,221	16.5	2,375	153	1,068	475	70	426	227
Colorado	8,865	16.4	2,824	2,389	6,476	3,565	2,099	1,058	1,931
New Mexico	5,352	4.1	3,826	1,079	4,273	1,726	1,931	676	937
Arizona	8,150	9.2	2,751	2,425	5,726	4,175	1,722	845	1,273
Utah	4,112	10.8	2,540	1,288	2,823	1,530	869	622	999
Nevada	2,598	17.3	2,916	541	2,057	1,103	684	356	443
Pacific	**113,896**	**15.2**	**3,386**	**46,015**	**67,881**	**42,619**	**37,443**	**12,903**	**18,502**
Washington	15,286	17.5	3,555	6,192	9,094	5,762	5,186	1,537	2,527
Oregon	6,215	12.8	2,335	465	5,750	3,808	383	1,163	753
California	86,318	15.1	3,429	36,306	50,012	31,474	30,856	9,205	12,791
Alaska	2,058	10.2	4,296	854	1,204	322	483	541	695
Hawaii	4,019	17.1	3,928	2,198	1,821	1,253	535	457	1,736
American Samoa	47	35.7	1,389	1	46	8	–	37	2
Guam	440	—47.8	3,968	285	155	52	1	97	288
Northern Marianas	45	45.0	2,516	–	45	2	–	43	1
Puerto Rico	4,756	2.9	1,459	176	4,580	2,275	8	2,111	349
Trust Territory	180	—.6	1,503	3	178	4	–	171	4
Virgin Islands	181	—35.4	1,776	11	170	67	–	91	22
Undistributed	18,484	43.8	(X)	13,078	5,406	621	16,841	406	466

– Represents zero. X Not applicable. [1] Includes other programs not shown separately. [2] Resident population, provisional estimate as of July 1, 1983. [3] Detail may not add to totals because of rounding.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.

No. 505. Tax Returns Filed, Examination Coverage, and Average Tax and Penalty: 1982

[Calendar year 1982.]

ITEM	Returns filed (1,000)	RETURNS EXAMINED				AVERAGE TAX AND PENALTY PER RETURN		
		Total	Revenue agents	Tax auditors	Service centers	Revenue agents	Tax auditors	Service centers
Individual, total	95,419	1,427,660	277,945	1,001,865	147,850	$10,248	$990	$316
1040A, Total income under $10,000	25,168	81,638	7,929	66,799	6,910	9,676	571	341
Non 1040A, Total income:								
Under $10,000	7,862	61,042	8,517	37,735	14,790	4,947	479	217
$10,000—$24,999, simple	21,412	136,817	8,365	115,367	13,085	3,835	655	230
$10,000—$24,999, complex	10,663	228,936	22,149	167,305	39,482	3,821	652	286
$25,000—$49,999	20,392	530,920	48,032	436,905	45,983	3,582	758	330
$50,000 and over	4,425	218,336	105,733	96,882	15,723	14,871	2,822	439
Schedule C—TGR: [1] Under $25,000	1,756	28,563	8,930	17,496	2,137	6,144	1,057	320
$25,000—$99,999	1,797	58,893	21,867	32,498	4,528	7,462	1,758	390
$100,000 and over	945	57,649	36,938	18,287	2,624	14,930	3,177	618
Schedule F—TGR: [1] Under $25,000	328	4,963	1,100	3,150	713	11,641	579	215
$25,000—$99,999	501	10,137	2,952	6,001	1,184	4,047	837	212
$100,000 and over	231	9,564	5,433	3,440	691	13,652	1,662	380
Fiduciary	1,962	8,303	7,982	321	-	7,689	2,097	-
Partnerships	1,499	36,115	35,737	378	-	-	-	-
Corporation, total	2,364	85,980	85,980	-	-	88,398	-	-
Small business corporations	567	7,428	7,428	-	-	10,097	-	-
Form 1120 DISC [2]	13	1,416	1,416	-	-	-	-	-
Estate, total	127	21,517	21,517	-	-	61,446	-	-
Gross estate: Under $1 million	119	15,873	15,873	-	-	13,835	-	-
$1 million—$4,999 million	8	5,120	5,120	-	-	57,806	-	-
$5 million and over	1	524	524	-	-	1,539,320	-	-
Gift	84	3,028	3,028	-	-	22,070	-	-
Excise	798	51,935	51,348	587	-	1,515	453	-
Employment	25,736	25,902	22,766	3,136	-	5,671	629	-
Windfall profit	13	6,611	3,901	43	2,667	115,581	29	412
Miscellaneous	-	127	127	-	-	70,914	-	-
Service center corrections	-	930,215	-	-	930,215	-	-	451

- Represents zero. [1] Total gross receipts. [2] Domestic international sales corporation.

No. 506. Internal Revenue Collections, by Selected Sources: 1960 to 1983

[For years ending June 30 except, beginning 1980 ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 358-373]

SOURCE OF REVENUE	COLLECTIONS (bil. dol.)								PERCENT OF TOTAL			
	1960	1965	1970	1975	1980	1981	1982	1983	1960	1970	1980	1983
All taxes	**91.8**	**114.4**	**195.7**	**293.0**	**519.4**	**606.8**	**632.2**	**627.2**	**100.0**	**100.0**	**100.0**	**100.0**
Individual income taxes	44.9	53.7	103.7	156.4	287.5	332.9	352.6	349.6	49.0	55.4	54.9	55.7
Withheld by employers	31.7	36.8	77.4	122.1	223.8	256.0	267.5	266.0	34.5	39.6	43.1	42.4
Employment taxes [1]	11.2	17.1	37.4	70.1	128.3	152.9	168.7	173.8	12.2	19.1	24.7	27.7
Old-age and disability insurance	10.2	15.8	35.7	67.1	122.5	146.5	162.1	166.4	11.1	18.2	23.6	26.5
Unemployment insurance	.3	.6	.8	1.4	3.3	3.6	3.4	4.3	.4	.4	.6	.7
Corporation income taxes	22.2	26.1	35.0	45.7	72.4	73.7	66.0	61.8	24.2	17.9	13.9	9.8
Estate and gift taxes	1.6	2.7	3.7	4.7	6.5	6.9	8.1	6.2	1.8	1.9	1.3	1.0
Excise taxes	11.9	14.8	15.9	16.8	24.6	40.4	36.8	35.8	12.9	8.1	4.7	5.7
Alcohol	3.2	3.8	4.7	5.4	5.7	5.7	5.5	5.6	3.5	2.4	1.1	.9
Tobacco	1.9	2.1	2.1	2.3	2.4	2.6	2.5	4.1	2.1	1.1	.5	.7
Manufactures	4.7	6.4	6.7	5.5	6.5	6.1	6.4	6.8	5.2	3.4	1.3	1.1
Windfall profits tax	(X)	(X)	(X)	(X)	3.1	16.9	22.0	15.7	(X)	(X)	.6	2.5
Other	2.1	2.5	2.4	3.6	6.9	9.1	.4	3.6	2.1	1.2	1.3	.6

X Not applicable. [1] Includes railroad retirement, not shown separately.

Source of tables 505 and 506: U.S. Dept. of the Treasury, *Annual Report of the Commissioner of the Internal Revenue Service.*

No. 507. Federal Individual Income Tax Returns, by Marital Status: 1975 to 1982

ITEM	NUMBER OF RETURNS (1,000)					PERCENT		
	1975	1979	1980	1981	1982	1980	1981	1982
Total tax returns [1]	**82,229**	**92,694**	**93,902**	**95,396**	**95,337**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	44,140	44,855	45,243	45,698	46,050	48.2	47.9	48.3
Returns of single persons	31,012	38,785	39,143	39,710	39,571	41.7	41.6	41.5
Returns with income under $20,000 [1]	**70,172**	**66,347**	**63,827**	**61,589**	**59,833**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	32,981	21,904	19,663	18,321	17,934	31.1	29.7	30.0
Returns with income $20,000 and over [1]	**12,057**	**26,347**	**30,075**	**33,807**	**35,504**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	11,159	22,951	25,380	27,337	28,115	84.4	80.9	79.1

[1] Includes other returns not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

NO. 508. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME (AGI)—SUMMARY: 1965 TO 1982

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax *after credits and additional tax for tax preferences*. Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, audits, etc.). Adjusted gross income (AGI) is gross income less losses from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, contributions to Individual Retirement Arrangements, moving expenses, etc. Data are not comparable for all years because of tax changes. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. Based on sample of unaudited returns as filed; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data]

NATURE OF RETURNS	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982
Taxpayers, total	Million	107.6	117.0	126.6	130.7	134.3	137.6	139.2	141.2	141.4
Personal exemptions	Million	190.7	204.1	212.2	215.2	219.9	224.7	227.9	231.2	232.2
65 years old and over	Million	7.9	8.9	9.9	10.5	11.0	11.3	11.8	13.1	14.0
Taxpayers dependents	Million	75.1	78.1	75.5	73.8	74.3	75.6	76.7	76.7	76.5
Adjusted gross income, total	Bil. dol	430.7	634.3	947.8	1,158.5	1,302.4	1,465.4	1,613.7	1,772.6	1,852.1
Total individual returns [1]	Million	67.6	74.3	82.2	86.6	89.8	92.7	93.9	95.4	95.3
Percent of total population filing returns [2]	Percent	54.8	57.2	59.3	60.4	60.6	61.3	61.3	61.5	61.1
Returns with AGI	Million	67.2	73.8	81.6	86.1	89.2	92.2	93.2	94.6	94.4
Taxable	Million	59.7	59.3	61.5	64.4	68.7	71.7	73.9	76.7	77.0
Percent of all returns	Percent	79.4	79.9	74.8	74.3	76.5	77.4	78.7	80.4	80.8
Adjusted gross income [3]	Bil. dol	400.3	610.3	898.3	1,097.7	1,241.2	1,402.2	1,556.1	1,721.2	1,803.7
Personal exemptions [4]	Bil. dol	91.9	107.0	123.8	126.0	132.1	180.3	185.6	191.2	191.5
65 years old and over	Million	4.1	5.6	6.7	6.7	8.4	7.9	9.1	10.4	11.4
Taxpayers dependents	Million	61.2	68.1	59.5	59.4	68.7	61.5	62.7	63.5	62.6
Income tax withheld	Bil. dol	38.5	74.2	114.8	143.5	166.1	194.9	223.9	255.3	256.2
Nontaxable [5]	Million	13.5	14.5	20.7	22.3	21.1	21.0	20.0	18.7	18.3
Percent of all returns	Percent	20.6	20.1	25.2	25.7	23.5	22.7	21.3	19.6	19.2
Returns with—										
Zero bracket amount only [6]	Million	39.3	38.4	55.5	59.0	59.7	66.2	59.5	58.7	56.8
Itemized deductions	Million	27.9	35.4	26.1	22.9	25.8	26.5	29.0	31.6	33.4
Adjusted gross income	Bil. dol	267.3	448.7	532.6	595.0	708.5	796.1	927.7	1,062.6	1,156.7
Deductions, total	Bil. dol	50.7	88.2	122.3	138.5	164.4	184.1	218.0	256.4	284.5
Overpayments	Million	42.8	55.3	63.8	66.0	65.5	71.4	69.9	70.0	63.4
Tax due	Million	20.0	16.5	15.8	17.8	21.6	18.8	21.8	23.0	29.1
Statutory adjustments [7]	Bil. dol	3.1	7.7	15.1	19.3	22.4	24.8	28.6	31.4	64.9
Taxable income [8]	Bil. dol	255.1	401.2	595.5	939.0	1,062.2	1,157.2	1,280.0	1,410.9	1,473.3
Percent of AGI	Percent	59.2	63.2	62.8	81.1	81.6	79.0	79.3	79.6	79.5
Income tax, total [9]	Bil. dol	49.5	83.9	124.5	159.8	188.2	214.5	250.3	284.1	277.6
Percent of AGI [10]	Percent	12.1	13.7	13.9	14.6	14.5	14.6	15.5	16.5	15.4
Percent of taxable income [11]	Percent	19.4	20.9	20.9	17.6	17.7	18.5	19.6	20.5	19.2
Average AGI per return [10]	$1,000	7.6	8.5	14.6	17.1	18.1	19.6	21.1	22.4	23.4
Average income tax per return [10]	Dollar	922	1,415	2,025	2,482	2,740	2,992	3,387	3,703	3,603
Income tax per capita of total population	Dollar	256	411	578	727	847	955	1,102	1,238	1,198
Total credits	Bil. dol	.6	.4	8.1	13.6	17.1	6.8	7.2	11.3	7.9
Income tax after credits	Bil. dol	49.5	83.8	124.4	158.5	186.7	213.3	249.1	282.3	276.1
Self-employment tax	Bil. dol	1.1	1.8	3.4	4.1	4.7	5.4	5.7	6.7	6.8
Total tax liability	Bil. dol	50.6	85.8	127.9	164.0	193.2	220.1	256.3	291.1	284.7
Effective tax rate	Percent	12.1	13.7	13.9	14.6	15.2	15.3	16.1	16.0	15.0
SOURCES OF INCOME (total returns)										
Salaries and wages, gross	Bil. dol	346.8	531.3	795.4	969.4	1,090.3	1,229.3	1,349.8	1,486.1	1,565.0
Percent of AGI	Percent	80.5	83.8	83.9	83.7	83.7	84.0	83.6	83.8	84.5
Interest	Bil. dol	11.2	21.8	43.4	54.6	61.2	73.9	102.0	[12] 178.1	157.0
Business or profession, net [13]	Bil. dol	25.2	31.0	39.4	49.5	53.5	56.6	55.1	53.1	50.6
Dividends [14]	Bil. dol	12.9	15.7	21.9	27.0	30.2	33.5	38.8	([12])	52.1
Pensions and annuities [15]	Bil. dol	3.6	7.9	20.9	29.2	32.7	37.3	43.3	51.9	60.1
Sales of capital assets [13]	Bil. dol	10.0	8.7	14.1	20.8	23.2	28.4	29.7	30.8	34.4
Partnerships [13]	Bil. dol	[16] 11.1	11.7	10.8	13.3	15.0	12.4	9.4	−.1	−.9
Rents [13]	Bil. dol	2.4	2.4	3.4	3.0	3.1	1.8	.2	−2.8	−8.5
Farm [13]	Bil. dol	3.9	3.4	3.6	.5	3.6	2.1	−1.8	−7.8	−9.8
Estates and trusts [15]	Bil. dol	([17])	1.4	2.6	2.8	3.1	3.8	4.6	4.0	5.7
Small business corporation [13]	Bil. dol	([16])	1.7	2.1	2.0	2.3	2.1	.7	−.8	−.8
Royalties [13]	Bil. dol	.6	.8	1.8	2.2	2.6	2.9	3.9	5.8	6.3
Other sources [13 18]	Bil. dol	6.1	4.2	3.5	3.5	3.9	6.1	6.6	7.0	5.8

[1] Through 1970, excludes returns with no adjusted income; thereafter includes returns with no adjusted income. [2] Joint returns counted twice in computing percent. [3] 1965 and 1970, returns with adjusted gross income only. Beginning 1975, includes returns with adjusted gross income less deficit. [4] Exemptions: 1965, $600; 1970, $625; 1975–1978, $750; 1979–1982, $1,000. [5] Beginning 1975, includes returns with no adjusted income. [6] The zero bracket amount replaced the standard deduction in 1977. Prior to 1977, included returns with the standard deductions and returns with no deductions.

[7] Comprises sick pay exclusion (for 1977 changed to disability exclusion), moving expense, self-employed retirement deduction and, beginning 1975, payments to an individual retirement account, and forfeited interest penalty.

[8] Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. [9] Income tax after credits. Beginning 1970, includes additional tax for tax preferences. [10] Only taxable returns counted in computing percent or average.

[11] Beginning 1977, taxable income includes zero bracket amount, and therefore the percentage is not comparable to earlier years. [12] Dividends are included with interest. [13] Figures represent net income minus net loss. [14] After exclusions. [15] Taxable portion. [16] Small business corporation included with partnerships. [17] Included in other sources. [18] Includes primarily State income tax refunds, alimony received, unemployment compensation in adjusted gross income, and net sales of property other than capital assets. For 1981 and 1982, also includes farm rental income and windfall profit tax refunds less net adjustment for windfall profit tax withheld.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 509. Federal Individual Income Tax Returns: 1975 to 1982

[In thousands of returns. See headnote, table 508]

Adjusted gross income class	Returns with adjusted gross income					Taxable returns [1]				
	1975	1979	1980	1981	1982	1975	1979	1980	1981	1982
Total	**81,586**	**92,152**	**93,239**	**94,587**	**94,426**	**61,491**	**71,695**	**73,898**	**76,709**	**77,023**
Under $10,000	44,211	39,986	37,763	35,588	34,081	24,505	20,166	19,105	18,505	17,622
$10,000–$19,999	25,318	25,818	25,401	25,191	24,842	24,984	25,311	24,876	24,604	24,147
$20,000–$29,999	8,342	15,330	15,942	16,322	16,425	8,305	15,240	15,850	16,191	16,272
$30,000–$39,999	2,748	6,446	7,851	9,205	9,863	2,734	6,422	7,912	9,173	9,613
$40,000–$49,999		2,229	3,053	4,182	4,717		2,224	3,042	4,159	4,691
$50,000–$99,999	781	1,890	2,568	3,443	3,759	776	1,881	2,554	3,425	3,740
$100,000 and over	186	452	561	655	740	185	451	559	653	738

[1] Taxable returns include returns with the presence of income tax (the sum of income tax after credits and the additional tax for tax preferences).

No. 510. Federal Individual Income Tax Returns—Income and Tax: 1975 to 1982

[See headnote, table 508]

Adjusted gross income (AGI) class	Total (bil. dol.)						Percent distribution					
	1975	1978	1979	1980	1981	1982	1975	1978	1979	1980	1981	1982
AGI, total [1]	**947.8**	**1,302.4**	**1,465.4**	**1,613.7**	**1,772.6**	**1,852.1**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	898.3	1,241.2	1,402.3	1,556.1	1,721.2	1,803.7	94.8	95.3	95.7	96.4	97.1	97.4
Under $10,000	157.0	142.7	136.3	128.7	123.0	117.1	16.5	10.9	9.3	8.0	6.9	6.5
$10,000–$19,999	360.2	368.1	371.0	369.5	359.3	350.9	38.0	28.3	25.3	22.5	20.3	19.4
$20,000–$29,999	198.0	335.5	371.9	389.1	398.5	403.8	20.9	25.8	25.4	24.1	22.5	22.4
$30,000–$39,999	99.7	237.5	219.1	271.8	316.3	338.3	10.5	18.2	15.0	16.8	17.8	18.7
$40,000–$49,999			98.1	134.4	184.3	207.8			6.7	8.3	10.4	11.5
$50,000–$99,999	51.2	95.6	122.6	165.0	218.3	238.2	5.4	7.3	8.4	10.2	12.3	13.2
$100,000 and over	32.4	62.5	84.3	104.2	121.6	147.5	3.4	4.8	5.7	6.5	6.9	8.1
Nontaxable returns	49.5	61.2	63.1	57.6	51.4	48.4	5.2	4.7	4.3	3.6	2.9	2.7
Taxable income, total [2]	**595.5**	**1,062.2**	**1,157.2**	**1,280.0**	**1,410.9**	**1,473.3**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	590.4	1,027.3	1,127.5	1,252.0	1,389.7	1,445.7	99.1	96.7	97.4	97.8	98.1	98.1
Under $10,000	79.7	117.1	106.6	100.5	97.0	93.3	13.4	11.0	9.2	7.9	6.9	6.3
$10,000–$19,999	229.8	305.1	294.9	291.0	288.6	282.0	38.6	28.7	25.5	22.7	20.5	19.1
$20,000–$29,999	140.4	278.4	300.3	314.4	323.6	328.1	23.6	26.2	26.0	24.6	23.0	22.3
$30,000–$39,999	74.7	197.0	178.0	220.6	256.7	272.5	12.5	18.5	15.4	17.2	18.2	18.5
$40,000–$49,999			79.8	108.9	148.8	165.6			6.9	8.5	10.5	11.2
$50,000–$99,999	40.1	78.8	99.7	133.2	174.1	187.6	6.7	7.4	8.6	10.4	12.3	12.7
$100,000 and over	25.6	50.9	68.2	83.5	94.8	116.6	4.3	4.8	5.9	6.5	6.7	7.9
Nontaxable returns	5.1	34.9	29.7	28.0	27.2	27.7	.9	3.3	2.6	2.2	1.9	1.9
Income tax, total [3]	**124.5**	**188.2**	**214.5**	**250.3**	**284.1**	**277.6**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	124.5	188.2	214.5	250.3	284.1	277.6	100.0	100.0	100.0	100.0	100.0	100.0
Under $10,000	11.9	9.4	8.9	8.4	8.1	7.0	9.6	4.9	4.1	3.3	2.8	2.5
$10,000–$19,999	40.4	40.5	39.6	39.8	39.5	34.6	32.4	21.5	18.5	15.9	13.9	12.5
$20,000–$29,999	28.4	47.3	50.1	53.4	55.7	52.0	22.8	25.1	23.3	21.3	19.6	18.7
$30,000–$39,999	18.2	42.7	35.5	44.4	51.7	50.0	14.6	22.7	16.6	17.7	18.2	18.0
$40,000–$49,999			18.6	25.6	34.8	35.0			8.7	10.2	12.2	12.6
$50,000–$99,999	13.4	24.4	29.8	39.8	51.0	50.5	10.8	13.0	13.9	15.9	18.0	18.2
$100,000 and over	12.2	23.8	31.9	38.9	43.2	48.5	9.8	12.6	14.9	15.5	15.2	17.5

[1] Adjusted gross income less deficit. [2] Represents adjusted gross income minus exemptions and deductions. Beginning 1978, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. [3] Consists of income tax after credit, minimum tax, and beginning 1979, alternative minimum tax.

No. 511. Average Tax on Taxable Individual Income Tax Returns: 1975 to 1982

[See headnote, table 508]

Adjusted gross income class	Average tax [1] ($1,000)					Percent total tax [1] of taxable income [2]				
	1975	1979	1980	1981	1982	1975	1979	1980	1981	1982
Total	**2,025**	**2,992**	**3,387**	**3,703**	**3,603**	**21.1**	**18.5**	**20.0**	**20.5**	**19.2**
Under $10,000	.5	.4	.4	.4	.4	15.0	8.4	8.4	8.2	7.6
$10,000–$19,999	1.6	1.6	1.6	1.6	1.4	17.6	13.4	13.7	13.7	12.3
$20,000–$29,999	3.4	3.3	3.4	3.4	3.2	20.2	16.7	17.0	17.2	15.8
$30,000–$39,999	6.7	5.5	5.6	5.6	5.1	24.4	19.9	20.1	20.2	18.3
$40,000–$49,999		8.4	8.4	8.4	7.5		23.3	23.5	23.4	21.2
$50,000–$99,999	17.2	15.9	15.6	14.9	13.5	33.3	29.9	29.9	29.3	26.9
$100,000 and over	66.2	70.8	69.5	66.3	65.7	47.8	46.8	46.6	45.6	41.6

[1] Consists of income tax after credits, minimum tax, and beginning in 1979, alternative minimum tax. [2] Beginning 1979, not comparable to previous years because of change in definition of taxable income (see headnote, table 508, and footnote 2, table 510).

Source of tables 509–511: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

NO. 512. FEDERAL INDIVIDUAL INCOME TAX—EFFECTIVE (AVERAGE) AND MARGINAL TAX RATES, FOR SELECTED INCOME GROUPS: 1954 TO 1984

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. The marginal tax rate is the percentage of the first additional dollar of income which would be paid in income tax. Computations assume the low income allowance, standard deduction, zero bracket amount, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self-employment tax. See *Historical Statistics, Colonial Times to 1970,* series Y 412–439, for similar data based on net income]

ADJUSTED GROSS INCOME [1]	TAX LIABILITY							EFFECTIVE RATE (percent)							MARGINAL TAX RATE (percent)						
	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1983	1984	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1983	1984	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1983	1984
CURRENT DOLLARS																					
Single person, no dependents:																					
$5,000	818	671	683	404	250	199	193	16.4	13.4	13.7	8.1	5.0	4.0	3.9	22	19	19.5	19	16	13	12
$10,000	2,096	1,742	1,726	1,476	1,177	951	915	21.0	17.4	17.3	14.8	11.8	9.5	9.2	34	28	25.6	20.2	21	17	16
$20,000	5,900	4,918	4,405	4,123	3,837	3,089	2,945	29.5	24.6	22.0	20.6	19.2	15.4	14.7	50	42	34.8	34	34	28	26
$25,000	8,324	6,982	6,091	5,865	5,484	4,445	4,205	33.3	27.9	24.4	23.5	21.9	17.8	16.8	56	48	39.0	38	39	32	30
$35,000	13,778	11,627	10,028	9,698	9,194	7,485	7,065	39.4	33.2	28.7	27.7	26.3	21.4	20.2	62	53	46.1	45	44	36	34
$50,000	22,788	19,230	17,235	16,710	16,032	13,073	12,335	45.6	38.5	34.5	33.4	32.1	26.1	24.7	72	60	61.5	60	55	45	42
$75,000	39,702	33,206	31,560	30,680	29,487	23,873	22,595	52.9	44.3	42.1	40.9	39.3	31.8	30.1	78	64	65.6	64	63	50	48
Married couple, 2 dependents: [4]																					
$5,000	420	290	290	[5] –300	[5] –500	[5] –500	[5] –500	8.4	5.8	5.8	[5] 6.0	[5] –10.0	[5] –10.0	[5] –10.0	20	15	15	[5] 10	–	–	–
$10,000	1,372	1,114	1,112	709	374	296	291	13.7	11.1	11.2	7.1	3.7	3.0	2.9	22	19	19.5	19	16	13	12
$20,000	3,800	3,160	3,213	2,740	2,265	1,846	1,741	19.0	15.8	16.1	13.7	11.3	9.2	8.7	30	25	25.6	25	24	19	18
$25,000	5,318	4,412	4,490	4,092	3,497	2,828	2,673	21.3	17.6	18.0	16.4	14.0	11.3	10.7	38	32	28.7	28	28	23	22
$35,000	9,037	7,529	7,677	7,175	6,571	5,334	5,070	25.8	21.5	21.9	20.5	18.8	15.2	14.5	47	39	40.0	39	37	30	28
$50,000	15,976	13,388	13,674	12,980	12,118	9,844	9,310	32.0	26.8	27.3	26.0	24.2	19.7	18.6	56	48	49.2	48	43	35	33
$75,000	29,635	25,025	25,594	24,575	23,404	19,050	18,066	39.5	33.4	34.1	32.8	31.2	25.4	24.1	65	55	56.4	55	54	44	42

	REAL INCOME EQUIVALENT							EFFECTIVE RATE (percent)							MARGINAL TAX RATE (percent)						
	1960	1970	1975	1979	1980	1983	1984	1960	1970 [2]	1975	1979	1980	1983	1984	1960	1970 [2]	1975	1979	1980	1983	1984
CONSTANT (1980) DOLLARS [6]																					
Single person, no dependents:																					
$5,000	2,010	2,585	3,499	4,536	5,000	5,970	6,199	12.0	7.5	4.0	3.9	5.0	5.6	5.7	20	16.8	16	16	16	15	14
$10,000	4,019	5,170	6,998	9,902	10,000	11,940	12,398	15.5	13.8	11.4	10.9	11.8	10.8	10.6	22	21.5	21	19	21	19	18
$20,000	8,038	10,341	13,997	18,144	20,000	23,879	24,796	19.3	17.0	16.7	17.9	19.2	17.4	16.7	30	25.6	22.7	30	34	28	30
$25,000	10,048	12,926	17,496	22,680	25,000	29,849	30,995	21.0	18.7	19.0	20.9	21.9	19.6	18.8	34	27.7	31	34	39	32	34
$35,000	14,067	18,097	24,494	31,752	35,000	41,789	43,393	24.4	21.1	23.2	24.9	26.3	23.6	22.8	43	31.8	38	44	44	40	38
$50,000	20,095	25,852	34,992	45,361	50,000	59,698	61,990	29.6	24.8	27.7	30.0	32.1	28.5	27.4	50	41.0	45	55	55	45	48
$75,000	30,143	38,779	52,487	68,041	75,000	89,547	92,985	36.7	30.2	34.4	37.5	39.1	34.0	32.7	62	51.2	60	63	63	50	50
Married couple, 2 dependents: [4]																					
$5,000	2,010	2,585	3,499	4,536	5,000	5,970	6,199	–	–	[5] –10	[5] –10	[5] –10	[5] –8.4	[5] –7.7	–	–	[5] –10	[5] –10	–	–	12.5
$10,000	4,019	5,170	6,998	9,902	10,000	11,940	12,398	6.1	5.8	[5] 1.2	[5] 1.4	3.7	4.6	5.8	20	16.8	[5] 26	[5] 26.5	16	15	14
$20,000	8,038	10,341	13,997	18,144	20,000	23,879	24,796	12.2	11.4	10.2	10.3	11.3	10.8	10.6	22	19.5	18.5	21	24	19	22
$25,000	10,048	12,926	17,496	22,680	25,000	29,849	30,995	13.7	12.9	12.1	12.8	14.0	13.3	13.1	22	22.6	22	24	28	26	25
$35,000	14,067	18,097	24,494	31,752	35,000	41,789	43,393	16.1	15.3	16.1	17.4	18.8	17.4	16.9	26	25.6	28	32	37	35	33
$50,000	20,095	25,852	34,992	45,361	50,000	59,698	61,990	19.0	18.3	20.5	22.8	24.2	22.2	21.5	30	32.8	39	43	44	40	38
$75,000	30,143	38,779	52,487	68,041	75,000	89,547	92,985	23.6	23.3	26.8	29.4	31.2	27.7	26.7	43	43.0	50	54	54	44	42

– Represents zero. [1] See headnote, table 508. [2] Includes tax surcharge. [3] 1981 tax liability and tax rates are 98.75 percent of the 1980 rates. [4] Only one spouse is assumed to work. [5] Refundable earned income credit. [6] Amount of adjusted gross income equivalent to adjusted gross income in 1980 dollars was calculated by using the NIPA personal consumption expenditure deflator (1972=100). The values of the deflators are: 1960, 71.9; 1970, 92.5; 1975, 125.3; 1979, 162.3; 1980, 178.9; 1983, 213.6; and 1984, 221.8 (estimated).

Source: U.S. Dept. of the Treasury, unpublished data.

NO. 513. FEDERAL INDIVIDUAL INCOME TAX RETURNS, INCOME, AND TAXES, 1970 TO 1982, AND BY STATE AND OTHER AREAS; 1982

[1970 data differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data. For composition of regions, see fig. I, inside front cover]

YEAR, REGION, DIVISION, AND STATE	Number of returns (1,000)	Adjusted gross income [1] (mil. dol.)	INCOME TAX	
			Total [2] (mil. dol.)	Per capita [3] (dol.)
1970	74,278	631,626	82,880	412
1975	82,229	947,785	124,526	578
1979	92,694	1,465,395	214,495	955
1980	93,902	1,613,731	250,341	1,102
1981	95,396	1,772,604	284,129	1,239
1982	**95,337**	**1,852,135**	**277,597**	**1,199**
Region:				
Northeast	21,110	428,229	65,671	1,328
Midwest	23,771	455,643	67,800	1,151
South	30,987	582,546	87,961	1,126
West	19,089	360,903	55,357	1,230
N. Eng	**5,552**	**110,080**	**17,043**	**1,364**
ME	464	7,396	962	849
NH	424	7,977	1,188	1,249
VT	214	3,406	463	897
MA	2,576	51,224	7,850	1,358
RI	407	7,264	1,015	1,059
CT	1,467	32,813	5,565	1,765
Mid. Atl	**15,556**	**316,149**	**48,628**	**1,316**
NY	7,208	151,963	23,048	1,305
NJ	3,494	75,061	11,994	1,612
PA	4,856	91,125	13,586	1,145
E.N.C	**16,714**	**326,623**	**48,846**	**1,175**
OH	4,343	82,803	12,210	1,131
IN	2,164	39,984	5,914	1,081
IL	4,745	97,685	15,576	1,361
MI	3,526	70,589	10,271	1,128
WI	1,936	35,562	4,875	1,023
W.N.C	**7,057**	**129,020**	**18,954**	**1,093**
MN	1,713	32,893	4,558	1,103
IA	1,161	20,625	3,029	1,043
MO	1,973	36,542	5,477	1,106
ND	279	4,664	702	1,048
SD	277	3,845	552	799
NE	660	11,349	1,665	1,050
KS	994	19,102	2,971	1,234
S.A	**15,662**	**292,473**	**42,578**	**1,114**
DE	259	5,256	788	1,309
MD	1,898	40,662	6,087	1,427
DC	310	6,278	1,037	1,643
VA	2,269	45,865	6,711	1,222
WV	664	12,169	1,776	912
NC	2,373	40,013	5,288	879
SC	1,199	19,956	2,549	796
GA	2,191	39,234	5,434	964
FL	4,499	83,040	12,908	1,239
E.S.C	**5,333**	**90,168**	**12,547**	**847**
KY	1,308	22,652	3,196	872
TN	1,774	30,170	4,311	927
AL	1,389	23,815	3,215	815
MS	862	13,531	1,825	715
W.S.C	**9,992**	**199,905**	**32,836**	**1,308**
AR	818	12,801	1,715	749
LA	1,829	31,998	5,106	1,171
OK	1,279	25,432	4,045	1,273
TX	6,266	129,674	21,970	1,438
Mt	**4,934**	**92,470**	**13,263**	**1,108**
MT	335	5,425	773	965
ID	359	5,861	756	783
WY	213	4,370	724	1,442
CO	1,356	27,897	4,263	1,400
NM	544	9,285	1,314	967
AZ	1,167	21,472	2,944	1,029
UT	555	10,358	1,283	826
NV	405	7,802	1,206	1,369
Pac	**14,155**	**288,433**	**42,094**	**1,274**
WA	1,777	35,812	5,487	1,293
OR	1,082	19,202	2,560	966
CA	10,627	219,427	31,874	1,289
AK	225	5,725	1,061	2,422
HI	444	8,267	1,112	1,119
Other [4]	**376**	**4,812**	**805**	(NA)

NA Not available. [1] Less deficit. [2] Includes additional tax for tax preferences. [3] Based on resident population as of July 1. [4] Returns with addresses outside the United States.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

NO. 514. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ITEMIZED DEDUCTIONS, BY ADJUSTED GROSS INCOME CLASS: 1982

[See headnote, table 508]

ADJUSTED GROSS INCOME CLASS	Returns with itemized deductions (1,000)	ITEMIZED DEDUCTIONS (bil. dol.)					
		Total itemized deductions [1]	Taxes	Interest paid		Contributions	Medical and dental expenses
				Total	Home mortgage		
Total	**33,433**	**284.5**	**88.0**	**121.8**	**79.3**	**33.5**	**21.7**
Under $10,000	2,391	11.2	1.8	4.3	2.9	1.0	3.3
$10,000-$19,999	5,964	32.6	7.9	14.0	9.6	3.6	5.1
$20,000-$29,999	8,935	57.8	17.0	25.9	17.9	6.0	4.8
$30,000-$39,999	7,657	59.8	19.8	28.4	18.4	6.3	3.4
$40,000-$49,999	4,217	41.5	13.4	18.1	12.4	4.7	2.3
$50,000-$99,999	3,547	50.6	17.5	21.8	14.0	5.9	2.1
$100,000 and over	722	31.0	10.5	11.3	4.1	6.1	.6

[1] Includes other deductions not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1982, Individual Income Tax Returns.*

No. 515. Federal Individual Income Tax Returns—Adjusted Gross Income, by Source of Income and Income Class: 1982

[**In millions of dollars, except percent.** Minus sign (–) indicates net loss was greater than net income. See headnote, table 508]

ITEM	Total [1]	ADJUSTED GROSS INCOME CLASSES FOR TAXABLE RETURNS						
		Total [2]	Under $10,000 [2]	$10,000–$24,999	$25,000–$49,999	$50,000–$99,999	$100,000–$199,999	$200,000 and over
Number of returns (1,000)	95,337	77,035	17,634	32,843	22,080	3,740	569	169
SOURCE OF INCOME								
Adjusted gross income (AGI)	1,852,135	1,803,751	117,129	546,449	754,469	238,165	75,060	72,479
Salaries	1,564,995	1,500,540	96,415	463,966	676,151	186,080	48,762	29,166
Percent of AGI	84.5	83.2	82.3	84.9	89.6	78.1	65.0	40.2
Interest received	157,021	146,833	14,986	45,961	45,014	23,959	8,663	8,249
Dividends in AGI	52,142	49,858	2,213	7,297	11,732	10,973	6,250	11,394
Business and profession, net	50,573	50,483	1,988	11,883	16,871	12,819	4,285	2,637
Pensions and annuities [3]	60,123	56,575	5,256	23,800	20,304	5,967	840	406
Sales of capital assets, [4] net	35,018	33,189	1,422	1,989	4,901	5,154	4,548	15,774
Rents and royalties, net	–2,159	569	–410	–1,283	–1,749	149	1,244	2,612
Other sources, [5] net	–65,578	–34,290	–4,741	–7,164	–18,155	–6,936	468	2,241
PERCENT DISTRIBUTION								
Number of returns	100.0	80.8	18.5	34.4	23.2	3.9	.5	.2
Adjusted gross income	100.0	97.3	6.3	29.5	40.7	12.8	4.0	3.9
Salaries	100.0	95.9	6.2	29.6	43.2	11.9	3.1	1.8
Interest received	100.0	93.5	9.5	29.3	28.7	15.2	5.5	5.2
Dividends in AGI	100.0	95.6	4.3	14.0	22.5	21.0	12.0	21.8
Business and profession, net	100.0	99.8	3.9	23.5	33.3	25.3	8.4	5.2
Pensions and annuities [3]	100.0	94.1	8.7	39.6	33.8	9.9	1.4	.7
Sales of capital assets, [4] net	100.0	94.8	4.1	5.7	12.3	14.7	12.9	45.0

[1] Includes returns with no adjusted gross income. [2] Includes a small number of taxable returns with no adjusted gross income. [3] Taxable portion. [4] Includes net sales of property other than capital assets ($614 million in 1982). [5] Includes statutory adjustments of $64.9 billion.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1982, Individual Income Tax Returns.*

No. 516. Federal Individual Income and Employment Tax Receipts—States: 1981 to 1983

[For years ending **Sept. 30.** A State's receipts do not necessarily indicate its tax burden since, in many instances, taxes are collected in one State from residents of another. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	TAX RECEIPTS					
	Total (mil. dol.)			Percent of personal income [1]		
	1981	1982	1983	1981	1982	1983
Total [2]	**485,736**	**521,327**	**523,473**	**20.0**	**20.3**	**19.2**
Region:						
Northeast	126,732	136,166	138,590	22.8	22.9	21.8
Midwest	139,006	142,824	142,236	22.3	22.1	21.0
South	124,701	138,160	140,754	16.7	17.3	16.5
West	90,264	97,890	98,694	18.0	18.4	17.4
N.E	**31,664**	**32,887**	**33,220**	**22.9**	**22.1**	**20.7**
ME	1,318	1,366	1,423	13.7	13.3	12.9
NH	1,491	1,661	1,765	15.8	16.3	15.8
VT	590	647	808	12.9	13.2	15.3
MA	12,970	14,106	14,929	20.0	20.2	19.8
RI	1,924	1,979	1,926	19.9	19.3	17.5
CT	13,371	13,128	12,369	33.2	30.3	26.6
M.A	**95,068**	**103,279**	**105,370**	**22.8**	**23.2**	**22.2**
NY	52,178	56,686	58,570	25.2	26.1	18.1
NJ	16,314	16,735	19,764	18.0	19.2	18.8
PA	26,576	27,858	27,036	21.5	21.4	19.7
E.N.C	**102,512**	**104,281**	**102,720**	**23.1**	**22.7**	**21.3**
OH	25,806	26,618	26,102	23.3	23.1	21.6
IN	10,532	11,123	11,383	19.7	20.3	19.7
IL	33,912	33,740	32,884	25.5	24.4	22.7
MI	23,613	23,820	23,740	24.1	23.9	22.6
WI	8,649	8,980	8,611	17.8	17.6	16.3
W.N.C	**36,494**	**38,543**	**39,516**	**20.3**	**20.6**	**20.2**
MN	11,009	11,932	12,206	25.0	25.8	25.2
IA	4,105	4,179	4,078	13.1	13.3	12.7
MO	12,048	12,647	13,402	25.0	25.1	25.0
ND	942	1,005	975	13.1	13.6	12.6
SD	734	786	812	11.5	11.8	12.0
NE	3,199	3,409	3,466	19.6	20.1	19.8
KS	4,457	4,586	4,577	16.6	16.2	15.4
S.A	**61,389**	**66,397**	**69,913**	**16.6**	**16.7**	**16.3**
DE	1,583	2,179	2,286	24.0	30.8	30.3
S.A.—Con.						
MD and DC	14,285	15,282	16,086	24.6	24.7	24.3
VA	7,663	8,643	9,098	14.0	14.3	13.9
WV	1,886	2,089	1,951	11.6	12.2	11.1
NC	7,792	8,273	8,639	15.1	15.2	14.7
SC	3,447	3,726	3,759	13.4	13.7	12.9
GA	8,102	8,551	9,217	16.2	15.8	15.6
FL	16,411	17,654	18,877	15.5	15.4	15.2
E.S.C	**15,924**	**18,125**	**18,448**	**13.0**	**14.1**	**13.6**
KY	4,099	4,413	4,392	13.1	13.5	12.9
TN	5,347	6,365	6,927	13.6	15.4	15.8
AL	4,483	4,799	4,918	13.8	14.1	13.5
MS	1,995	2,528	2,211	10.6	12.7	10.6
W.S.C	**47,388**	**53,638**	**52,393**	**18.6**	**19.5**	**18.2**
AR	2,169	2,366	2,481	11.6	12.2	11.8
LA	6,818	7,598	7,171	16.2	17.0	15.5
OK	6,709	7,601	6,885	20.4	21.0	18.7
TX	31,692	36,073	35,856	19.6	20.7	19.5
Mt	**20,628**	**22,979**	**23,066**	**17.5**	**18.2**	**17.2**
MT	930	1,072	1,021	12.6	14.0	12.5
ID	1,523	1,588	1,530	17.9	18.2	16.6
WY	775	855	746	12.9	13.8	12.1
CO	8,481	9,815	9,962	25.2	26.2	26.6
NM	1,478	1,682	1,712	12.8	13.5	13.7
AR	3,861	4,145	4,201	14.0	14.2	13.2
UT	1,672	2,007	2,107	14.6	14.6	14.4
NV	1,708	1,814	1,787	17.1	17.2	16.0
Pac	**69,636**	**74,911**	**75,628**	**18.2**	**18.4**	**17.4**
WA	8,507	8,897	8,645	18.1	18.1	16.7
OR	4,881	4,640	4,357	18.3	17.0	15.0
CA	53,595	58,437	59,511	18.3	18.8	17.9
AK	1,047	1,262	1,421	17.0	17.2	17.6
HI	1,606	1,675	1,694	14.8	14.5	13.7

[1] See table 730 for base data. [2] Tax receipts include Puerto Rico, international operations, and unallocated receipts and credits.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner of the Internal Revenue Service.*

No. 517. Corporation Income Tax Returns—Summary: 1970 to 1981

[Based on samples; see Appendix III. Based on returns for periods ending between **July 1 of year shown** and **June 30 of following year**, as filed. All corporations are required to file returns except those specifically exempt. See source for changes in law affecting comparability of historical data. Corporate data based on income tax returns appear in Section 18. See also *Historical Statistics, Colonial Times to 1970*, series Y 381–392]

ITEM	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Active corporations	1,000	1,665	1,905	1,966	2,024	2,082	2,242	2,377	2,557	2,711	2,812
With net income	1,000	1,008	1,203	1,207	1,226	1,274	1,425	1,524	1,586	1,597	1,597
Without net income	1,000	657	702	759	797	809	817	853	971	1,114	1,215
Total receipts [1]	Bil. dol.	1,751	2,558	3,090	3,199	3,635	4,128	4,715	5,599	6,361	7,026
Total deductions	Bil. dol.	1,683	2,435	2,942	3,053	3,449	3,909	4,467	5,316	6,125	6,814
Costs of sales and operations	Bil. dol.	1,146	1,682	2,068	2,130	2,417	2,725	3,113	3,710	4,205	4,609
Interest paid	Bil. dol.	62	100	133	129	135	153	192	261	345	477
Other	Bil. dol.	474	653	741	793	897	1,031	1,161	1,345	1,576	1,828
Net income	Bil. dol.	84	138	171	169	210	245	275	322	297	301
Net income less deficit [2]	Bil. dol.	66	120	146	143	185	219	247	285	239	214
Income subject to tax	Bil. dol.	72	116	144	[3] 147	183	213	240	279	247	241
Income tax, total	Bil. dol.	33	52	66	66	83	98	108	120	105	102
Foreign tax credit	Bil. dol.	5	10	21	20	24	26	26	37	25	22
Investment credit	Bil. dol.	1	4	4	6	9	11	13	15	15	19
Tax after credits [4]	Bil. dol.	28	39	41	40	50	57	64	66	63	58

[1] Consists of business receipts, taxable and nontaxable interest, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income. [2] Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; includes constructive taxable income from related foreign corporations. [3] See footnote 4, table 518. [4] Tax liability is after deduction for foreign tax credit. Data are after investment credit; beginning 1973, after work incentive (WIN) credit; beginning 1976, after U.S. possessions tax credit; beginning 1977, after jobs credit; beginning 1980, after nonconventional source fuel and alcohol fuel credits and beginning 1981, after research credits. Includes tax from recomputing prior year investment credit; 1970 includes tax surcharge; thereafter, includes additional tax for tax preferences; 1973–1980 includes tax from recomputing prior-year work incentive (WIN) credit; and beginning 1981, includes personal holding company tax.

No. 518. Corporation Income Tax Returns—Selected Items: 1970 to 1981

[See headnote, table 517. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182–196]

ASSET SIZE CLASS	Number of returns [1] (1,000)	Total receipts (bil. dol.)	Income subject to tax (bil. dol.)	TAX [2] (bil. dol.)		PERCENT DISTRIBUTION		
				Before credits	After credits	Number of returns	Receipts	Tax after credits
1970: Total	**1,665**	**1,750.7**	**72.4**	**33.3**	**27.9**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	1,560	439.6	10.7	3.6	3.5	93.7	25.1	12.5
$1.0 million–$9.9 million	87	292.0	9.9	4.6	4.5	5.2	16.7	16.1
$10.0 million–$99.9 million	16	232.0	9.8	4.7	4.4	1.0	13.3	15.8
$100.0 million and over	3	787.2	42.0	20.5	15.4	.2	45.0	55.2
1975: Total	**2,024**	**3,198.6**	**[4] 146.6**	**66.1**	**39.7**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	1,883	616.0	14.8	4.2	3.8	93.0	19.3	9.6
$1.0 million–$9.9 million	116	516.6	17.1	7.4	6.9	5.7	16.2	17.4
$10.0 million 99.9 million	21	422.4	17.2	8.1	7.2	1.0	13.2	18.1
$100.0 million and over	4	1,643.6	97.3	46.4	21.8	.2	51.4	54.9
1980: Total [5]	**2,711**	**6,361.3**	**246.6**	**105.1**	**63.0**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	2,483	992.5	24.1	6.0	4.7	91.6	15.6	7.5
$1.0 million–$9.9 million	192	998.0	28.4	11.3	9.7	7.1	15.7	15.4
$10.0 million–$99.9 million	29	766.2	28.5	12.6	10.3	1.1	12.1	16.3
$100.0 million and over	6	3,600.5	165.5	75.2	38.2	.2	56.6	60.6
1981: Total [5]	**2,812**	**7,026.4**	**241.5**	**102.3**	**58.4**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	2,574	1,079.2	26.1	6.9	4.8	91.5	15.4	8.3
$1.0 million–$9.9 million	201	1,073.5	27.8	11.0	9.3	7.2	15.3	15.9
$10.0 million–$99.9 million	31	816.2	29.4	13.1	10.5	1.1	11.6	18.0
$100.0 million and over	7	4,056.6	158.2	71.2	33.8	.2	57.7	57.9

[1] Active corporations. [2] Before (after) deduction of foreign tax credit, investment credit; beginning 1975, work incentive (WIN) credit; beginning 1979, U.S. possessions tax credit; jobs credit; and beginning 1980 nonconventional source fuel and alcohol fuel credits and beginning 1981, research credit. Includes tax from recomputing prior-year investment credit and additional tax for tax preferences. 1975 and 1980 include tax from recomputing prior year work incentive (WIN) credit. Beginning 1981, includes personal holding company tax. [3] Includes corporations with zero assets. [4] Excludes tax preference items upon which additional tax for tax preferences is based. [5] Detail may not add to total because of rounding.

Source of tables 517 and 518: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 519. Value of Shipments to Federal Agencies—Summary: 1980 to 1982

[**In millions of dollars.** Data do not represent all Federal Government procurement; only that of the 92 manufacturing industries selected for the sample. See source for description of methodology]

ITEM	1980	1981	1982	ITEM	1980	1981	1982
Total industry shipments	**630,988**	**696,754**	**665,452**	Subcontracts	19,345	20,282	23,684
Government shipments	68,434	80,480	91,744	Agency known	13,861	14,686	18,365
Prime contracts	49,089	60,198	68,060	Dept. of Defense	11,281	12,727	16,155
Dept. of Defense	39,138	49,074	55,899	National Aero. and Space	755	807	756
National Aero. and Space	2,433	2,699	2,992	Dept. of Energy	410	510	585
Dept. of Energy	3,201	3,972	4,416	Other agencies	1,415	637	869
Other agencies	4,317	4,453	4,753	Agency not known	5,483	5,601	5,319

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175(82)-1.

No. 520. Federal Civilian Employment and Annual Payrolls, by Branch: 1960 to 1983

[Includes employees in U.S. territories and in foreign countries. Figures represent employees in active-duty status, including intermittent employees. Annual figures are for fiscal year and are averages of monthly (as of the end of the report month) figures. Excludes Central Intelligence Agency and National Security Agency. See *Historical Statistics, Colonial Times to 1970*, series Y 308-317, for data as of June 30]

YEAR	EMPLOYMENT						PAYROLL				
	Total [1] (1,000)	Percent of U.S. employed [2]	Executive		Legislative (1,000)	Judicial (1,000)	Total [1] (mil. dol.)	Executive		Legislative (mil. dol.)	Judicial (mil. dol.)
			Total [1] (1,000)	Defense (1,000)				Total [1] (mil. dol.)	Defense (mil. dol.)		
1960	[3] 2,430	3.7	[3] 2,403	1,042	23	5	[3] 13,243	[3] 13,052	5,864	154	36
1965	2,539	3.6	2,507	1,038	25	6	18,020	17,746	7,327	216	58
1970	[3] 2,928	3.7	[3] 2,891	1,195	30	7	[3] 28,562	[3] 28,117	11,352	353	92
1975	2,682	3.4	2,834	1,036	37	10	40,699	39,944	14,356	589	166
1978	2,875	3.0	2,822	987	40	13	49,921	48,899	16,995	771	251
1979	2,897	2.9	2,844	970	40	13	53,590	52,513	18,065	817	260
1980	[3] 2,987	3.0	[3] 2,933	972	40	14	[3] 58,012	[3] 56,841	19,234	883	288
1981	2,910	2.9	2,855	986	40	15	63,792	62,510	21,227	922	360
1982	2,871	2.9	2,816	1,019	39	16	65,503	64,125	22,226	980	398
1983	2,878	2.9	2,823	1,033	39	16	69,878	68,420	23,406	1,013	445

[1] Includes Postal Service Christmas help. [2] Civilian only. See table 654. [3] Includes 36,417 temporary census workers in 1960; 33,000 in 1970; and 4,975 for 1980.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics;* and unpublished data.

No. 521. Federal Civilian Employment—Summary: 1965 to 1983

[**In thousands.** Partially estimated. As of **Dec. 31.** Excludes U.S. Territories and foreign countries, Central Intelligence Agency, Christmas help of the U.S. Postal Service, and National Security Agency]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, DC [1]				
	1965	1970	1975	1979	1980	1981	1982	1983	1970	1980	1981	1982	1983
Paid employment	**2,403**	**2,645**	**2,741**	**2,763**	**2,772**	**2,722**	**2,733**	**2,754**	**316**	**366**	**351**	**347**	**353**
Male	1,813	1,931	1,896	1,826	1,790	1,649	1,776	1,790	180	202	194	191	194
Female	590	714	845	937	982	1,073	957	964	136	164	157	156	159
Full-time	2,267	2,516	2,496	2,489	2,504	2,473	2,482	2,497	308	342	331	308	334
Other	136	129	245	274	268	249	251	257	8	24	20	39	19
Competitive service [2]	2,201	2,393	1,714	1,695	1,692	1,662	1,676	1,685	262	258	247	243	246
Career	1,788	1,991	1,300	1,344	(NA)	(NA)	(NA)	(NA)	198	(NA)	(NA)	(NA)	(NA)
Career-conditional	298	290	354	293	(NA)	(NA)	(NA)	(NA)	53	(NA)	(NA)	(NA)	(NA)
Temporary [3]	115	112	60	58	70	60	67	70	11	11	7	8	10
Excepted service [2] [4]	202	252	1,027	1,068	1,080	1,060	1,057	1,069	54	107	103	104	107
Permanent	112	164	863	897	917	926	914	926	38	70	72	71	73
Other	90	88	164	171	163	134	143	143	16	37	31	33	34
White-collar [5]	1,850	2,113	2,255	2,300	2,314	2,269	2,289	2,319	278	334	321	318	325
Blue-collar [5]	553	532	486	463	458	453	444	435	38	32	30	29	28

NA Not available. [1] Through June 30, 1983, represents SMSA's; thereafter, MSA's. [2] In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. [3] Includes "indefinite." [4] Excepted from competitive requirements of Civil Service Act. [5] Through 1982, based on full-time employment; beginning 1983, based on total workforce.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics;* and unpublished data.

No. 522. Accessions to and Separations From Paid Civilian Employment in the Federal Government: 1970 to 1984

[**In thousands, except rate.** For fiscal years ending **June 30** through **1975**; thereafter as of **Sept. 30.** Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES								WASHINGTON, DC [1]			
	1970	1975	1979	1980	1981	1982	1983	1984, Oct.–Mar.	1980	1982	1983	1984, Oct.–Mar.
Accessions, total	560.7	601.2	663.9	990.0	547.3	516.9	547.0	258.9	94.1	51.6	59.0	27.0
Monthly rate [2]	1.7	1.9	1.9	2.9	1.7	1.6	1.7	1.6	2.3	1.3	1.5	1.4
Separations, total	641.1	588.9	665.0	966.3	578.1	508.4	485.8	234.4	90.9	53.4	54.8	25.0
Monthly rate [2]	2.0	1.8	4.3	2.8	1.8	1.6	1.5	1.4	2.2	1.4	1.4	1.3
Quit [3]	311.5	213.2	243.3	219.4	214.4	181.4	175.0	77.6	31.5	22.6	22.5	9.1
Reduction in force [4]	17.5	10.4	50.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Discharge [4] [5]	19.7	17.2	19.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other [4] [6]	292.3	348.1	342.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] See footnote 1, table 521. [2] Per 100 employees. [3] Represents resignation, transfer to another Federal agency, and abandonment of position. [4] Partially estimated. [5] Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause. [6] Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement and displacement.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics;* and unpublished data.

No. 523. Paid Civilian Employment in the Federal Government 1960 to 1982, and by State, 1982

[As of **December 31**. Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

Year, division, and state	Employment			Division and state	Employment		
	Total (1,000)	Percent defense	Rate per 10,000 population [1]		Total (1,000)	Percent defense	Rate per 10,000 population [1]
1960	2,213	42.1	123.4	DC	212	7.9	3,386.6
1970	2,665	37.8	131.1	VA	153	68.8	278.9
1980	2,659	32.2	121.8	WV	15	10.2	76.5
1981	2,733	33.8	119.1	NC	43	35.2	71.4
1982, total	**2,734**	**34.3**	**118.0**	SC	33	61.4	102.3
N. Eng	**114**	**29.8**	**91.7**	GA	77	46.9	136.3
ME	9	25.2	79.2	FL	85	34.7	81.2
NH	16	67.0	168.8	**E. So. Cent**	**178**	**32.2**	**119.8**
VT	4	11.6	76.9	KY	36	38.5	97.5
MA	55	21.9	95.7	TN	58	12.5	124.6
RI	9	44.5	94.4	AL	60	43.3	152.2
CT	21	22.2	67.2	MS	24	42.6	93.4
Mid. Atl	**354**	**28.9**	**95.7**	**W. So. Cent**	**252**	**40.1**	**99.4**
NY	153	12.4	87.1	AR	18	24.0	78.0
NJ	72	39.8	96.9	LA	32	26.5	73.0
PA	129	42.6	107.8	OK	46	54.2	142.6
E. No. Cent	**306**	**27.6**	**73.6**	TX	156	40.1	101.1
OH	87	37.6	80.8	**Mt**	**181**	**33.8**	**150.0**
IN	39	36.6	71.1	MT	12	10.0	149.1
IL	100	21.9	87.2	ID	10	11.4	102.4
MI	54	23.2	59.2	WY	7	13.7	137.5
WI	26	10.9	54.8	CO	49	28.1	159.6
W. No. Cent	**167**	**26.9**	**96.9**	NM	25	38.8	182.9
MN	29	9.1	70.2	AZ	34	29.6	117.6
IA	18	7.7	61.9	UT	35	63.6	222.8
MO	66	31.0	133.5	NV	9	21.2	102.7
ND	8	19.6	119.0	**Pac**	**431**	**44.6**	**130.6**
SD	10	13.0	144.1	WA	63	46.2	147.3
NE	15	25.6	94.4	OR	27	11.5	101.2
KS	22	28.1	91.4	CA	301	44.7	121.5
So. Atl	**751**	**35.6**	**196.1**	AK	14	29.2	337.8
DE	5	36.6	83.3	HI	27	79.5	270.8
MD	129	32.0	299.8				

– Represents zero. X Not applicable. [1] For 1960–1980, based on Apr. 1 population; 1981 and 1982, based on July 1 resident population.

Source: U.S. Office of Personnel Management, *Federal Civilian Employment in the United States by Geographic Area*, annual.

No. 524. Paid Civilian Employment in Full-Time Positions in the Federal Government, All Areas: 1965 to 1983

[As of **June 30** through 1970; as of **March 31** thereafter. Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, p. 302 for explanation of General Schedule and Wage System. See also *Historical Statistics, Colonial Times to 1970*, series Y 318–331]

Compensation authority	Employees (1,000)						Average pay (dol.)					
	1965	1970	1975	1980	1982	1983	1965	1970	1975	1980	1982	1983
Total	**2,398**	**2,806**	**2,582**	**2,498**	**1,972**	**1,952**	**6,868**	**9,234**	**13,529**	**17,758**	**22,839**	**24,074**
General schedule	1,112	1,287	1,349	1,402	1,400	1,393	7,707	11,065	14,483	17,288	22,975	24,176
Wage system	621	674	528	456	449	430	5,887	6,976	11,197	17,644	20,550	21,500
Postal pay system	534	673	566	528	(NA)	(NA)	6,219	8,120	13,329	17,799	(NA)	(NA)
Other	131	172	139	113	124	129	7,032	8,741	13,951	20,344	29,673	31,544

NA Not available.

No. 525. Federal General Schedule Employee Pay Increases: 1965 to 1984

[Percent change from prior year shown, except 1965, change from 1964. Represents legislated pay increases. For some years data based on range; for details see source]

Effective date	Average increase	Effective date	Average increase	Effective date	Average increase
Oct. 1, 1965	3.6	Jan. 1, 1971	6.0	Oct. 1, 1977	7.0
July 1, 1966	2.9	Jan. 1, 1972	5.5	Oct. 1, 1978	5.5
Oct. 1, 1967	4.5	Oct. 1, 1972	5.1	Oct. 1, 1979	7.0
July 1, 1968	4.9	Oct. 1, 1973	4.8	Oct. 1, 1980	9.1
July 1, 1969	9.1	Oct. 1, 1974	5.5	Oct. 1, 1981	4.8
Dec. 27, 1969	6.0	Oct. 1, 1975	5.0	Oct. 1, 1982	4.0
		Oct. 1, 1976	5.2	Jan. 1, 1984	4.0

Source of tables 524 and 525: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

NO. 526. WHITE-COLLAR CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY SEX AND GRADE: 1970 TO 1983

[Represents full-time white-collar employment. As of **Oct. 31**]

GRADE [1]	TOTAL (1,000)					PERCENT FEMALE				
	1970	1975	1980	1981	1983 [2]	1970	1975	1980	1981	1983 [2]
Total employment	1,982	1,976	1,985	[3] 1,513	[3] 1,522	33.1	35.3	38.6	[3] 45.6	[3] 46.2
General Schedule and equivalent pay system	1,259	1,428	1,473	1,481	1,484	40.3	42.1	45.1	45.9	46.5
Grades 1-6 ($8,676-$19,374)	621	585	561	563	541	72.2	71.6	74.1	74.1	74.6
Grades 7-10 ($16,559-$29,003)	302	344	357	359	360	33.4	38.4	46.3	47.6	48.8
Grades 11-12 ($24,508-$38,185)	264	297	335	343	362	9.5	13.5	19.3	20.8	24.2
Grades 13-15 ($34,930-$63,115)	164	196	217	215	220	3.0	5.1	8.2	9.2	10.3
Grades 16-18 ($56,945-$78,184) [4]	8	7	3	1	1	1.4	2.7	4.4	6.4	5.8
Postal pay system	618	519	483	([3])	([3])	16.5	16.5	19.2	([3])	([3])
Other pay system	105	28	29	32	39	45.7	35.4	35.5	33.3	36.1

[1] Pay ranges shown for General Schedule grades are as of Oct. 1, 1982. [2] Data for 1982 not collected. [3] Excludes U.S. Postal Service. [4] Beginning 1980, change in number reflects shift of senior level employees to Senior Executive Service.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biennial.

NO. 527. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS: 1965 TO 1983

[As of **June 30** through **1975**; thereafter, as of **Sept. 30.** See headnote, table 520. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1965	1970	1975	1979	1980	1981	1982 [1]	1983
All agencies	2,527,492	2,921,909	2,896,944	2,875,872	2,875,866	2,860,392	2,824,768	2,876,263
Legislative branch	25,947	30,715	38,531	39,727	39,710	38,616	38,791	39,143
The Judiciary	5,904	6,887	10,399	13,493	15,178	15,651	15,992	16,626
Executive Office of the President	2,849	4,742	1,918	1,818	1,886	1,683	1,596	1,621
Departments:								
Agriculture	113,017	116,012	120,999	127,809	129,139	128,595	121,175	123,987
Commerce	33,668	[2] 57,674	36,228	54,101	[2] 48,563	39,689	34,451	35,576
Defense	1,033,775	1,193,784	1,041,829	960,286	960,116	984,183	989,633	1,026,461
Education [3]	(x)	(x)	(x)	(x)	7,364	6,488	5,692	5,268
Energy [4]	(x)	(x)	(x)	20,540	21,557	19,567	17,945	17,229
Health and Human Services [3]	87,316	108,044	147,125	160,652	155,662	155,666	147,791	147,162
Housing and Urban Development [5]	13,777	15,190	17,161	17,451	16,964	15,617	14,279	12,996
Interior	70,711	73,361	80,198	77,647	77,357	75,899	78,869	79,582
Justice	33,222	39,257	51,541	55,265	56,327	55,173	57,094	58,869
Labor	9,527	10,991	14,834	22,959	23,400	21,243	19,248	19,083
State	39,552	39,753	30,376	29,782	23,497	23,775	24,120	23,961
Transportation	[6] 45,421	65,985	75,035	73,546	72,361	59,456	62,392	62,959
Treasury	88,761	92,521	121,546	124,883	124,663	122,002	118,648	126,020
Independent agencies:								
Environmental Protection Agency	(x)	(x)	10,772	13,543	14,715	12,754	12,273	11,931
National Aeronautics and Space Administration	34,049	32,548	26,447	23,614	23,714	23,039	22,563	22,784
Office of Personnel Management [7]	3,789	5,508	8,157	8,076	8,280	7,635	6,563	6,369
Railroad Retirement Board	1,767	1,734	1,961	1,820	1,795	1,634	1,558	1,565
Small Business Administration	3,751	4,269	4,796	5,912	5,804	5,088	4,975	5,100
Tennessee Valley Authority	16,797	22,244	28,423	49,941	51,714	50,102	39,900	37,181
Veterans Administration	167,059	168,719	213,143	226,084	228,265	232,417	235,982	238,739
All other	696,833	831,971	815,525	766,923	767,815	764,420	728,200	756,051

X Not applicable. [1] Includes 25,038 employees exempted from personnel ceilings in Youth Program and Worker Trainee Opportunities Program. [2] Includes 24,278 enumerators in 1970 census, and 4,975 enumerators in the 1980 census. [3] Dept. of Education established Sept. 1979; formerly included with Health and Human Services (previously HEW). [4] Dept. of Energy established Oct. 1, 1977. [5] Includes Housing and Home Finance Agency. [6] Data represents Federal Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in Apr. 1967. [7] Formerly Civil Service Commission.

Source: U.S. Office of Personnel Management, *Annual Report* and *Monthly Release of Federal Civilian Work Force Statistics.*

No. 528. Paid Civilian Employment in the Federal Government, by Agency, All Areas, Summary: 1980 and 1983

[As of **Sept. 30.** See headnote, table 520. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1980	1983	AGENCY	1980	1983
All agencies	**2,875,866**	**2,876,263**	**Independent agencies**—Con.		
Percent Dept. of Defense	33.4	35.7	Board of Governors, Federal Reserve System	1,498	1,551
Percent Postal Service	23.0	23.1	Civil Aeronautics Board	734	441
Legislative branch	**39,710**	**39,143**	Commission on Civil Rights	304	259
Congress	19,096	19,806	Environmental Protection Agency	14,715	11,931
United States Senate	7,195	7,361	Equal Empl. Opportunity Commission	3,515	3,183
U.S. House of Representatives	11,901	12,445	Export-Import Bank, U.S	385	335
Architect of the Capitol	2,168	2,246	Farm Credit Administration	271	308
General Accounting Office	5,488	5,296	Federal Communications Comm.	2,244	1,897
Government Printing Office	6,767	5,763	Federal Deposit Insurance Corp.	3,520	3,660
Library of Congress	5,527	5,308	Federal Emergency Mgmt. Agency	3,427	2,509
All other	664	724	Federal Home Loan Bank Board	1,470	1,534
Judicial branch	**15,178**	**16,626**	Federal Labor Relations Authority	349	290
United States Courts	14,847	16,293	Federal Mediation and Conciliation Service	503	359
Supreme Court	331	333	Federal Trade Commission	1,846	1,323
Executive branch [1]	**2,820,978**	**2,820,494**	General Services Administration	37,654	29,586
Executive Office of the President	1,886	1,621	Int'l. Communications Agency	8,138	7,983
White House Office	406	384	International Trade Commission	424	420
Office of Management and Budget	616	611	Interstate Commerce Commission	1,998	1,245
Council of Economic Advisers	35	33	Merit System Protection Board	435	524
Council on Environmental Quality	49	11	National Aeronautics and Space Administration	23,714	22,784
National Security Council	69	60	National Credit Union Administration	726	615
All other	711	522	National Endowment for the Arts	362	277
Executive departments	**1,716,970**	**1,739,153**	National Labor Relations Board	2,936	2,726
Agriculture	129,139	123,987	National Science Foundation	1,394	1,257
Commerce	48,563	35,576	National Transportation Safety Board	384	337
Census	19,925	8,461	Nuclear Regulatory Commission	3,283	3,534
Defense	960,116	1,026,461	Office of Personnel Management	8,280	6,369
Education	7,364	5,268	Panama Canal Commission	8,700	8,356
Energy	21,557	17,229	Peace Corps [3]	(x)	1,026
Health and Human Services	155,662	147,162	Pension Benefit Guaranty Corp	483	466
Housing and Urban Development [2]	16,964	12,996	Railroad Retirement Board	1,795	1,565
Interior	77,357	79,582	Securities and Exchange Comm.	2,056	1,697
Justice	56,327	58,869	Selective Service System	97	284
Labor	23,400	19,083	Small Business Administration	5,804	5,100
State	23,497	23,961	Smithsonian Institution	4,403	4,696
Transportation	72,361	62,959	Soldiers' and Airmen's Home	994	990
Treasury	124,663	126,020	Tennessee Valley Authority	51,714	37,181
Independent agencies:			U.S. International Development Cooperation Agency	6,152	5,418
ACTION [3]	1,837	524	U.S. Postal Service	660,014	663,027
American Battle Monuments Comm.	386	392	Veterans Administration	228,285	238,739
			All other	3,880	2,822

X Not applicable. [1] Includes agencies not shown separately. [2] Includes Housing and Home Finance Agency. [3] Peace Corps was part of ACTION in 1980; Peace Corps re-established Dec. 29,1981.

Source: U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Workforce Statistics.*

No. 529. White-Collar Full-Time Civilian Workers in the Federal Government, by Major Occupation Group and Sex: 1980 and 1981

[As of **October 31.** Includes U.S. outlying areas and foreign countries, but excludes foreign nationals overseas]

MAJOR OCCUPATION GROUP	1980		1981		MAJOR OCCUPATION GROUP	1980		1981	
	Total (1,000)	Percent male	Total (1,000)	Percent male		Total (1,000)	Percent male	Total (1,000)	Percent male
Total [1]	**1,985.0**	**61.4**	**1,512.8**	**54.4**	Supply	56.3	50.3	57.4	48.5
Professional	326.6	76.1	330.4	75.8	Biological sciences	52.0	86.2	58.7	85.7
Administrative	433.3	73.9	400.6	71.4	Investigation	49.0	89.9	49.9	88.9
Technical	359.2	56.6	346.6	55.6	Personnel management and industrial relations	48.5	39.9	47.2	38.1
Clerical	818.4	49.2	392.5	14.0	Transportation	44.9	80.6	34.6	75.1
General admin., clerical, and office services	448.7	31.1	429.7	30.4	Physical sciences	43.8	87.6	43.8	86.8
Engineering and architec.	153.8	96.4	154.2	95.8	Education	29.0	56.5	28.3	56.8
Accounting and budget	125.2	46.5	123.3	44.6	Information and arts	21.2	61.7	21.3	59.8
Medical, hosptial, dental, and public health	132.1	35.1	134.8	35.0	**Average salary, total**	**$21.5**	(x)	**$23.1**	(x)
Business and industry	75.9	62.0	80.3	58.4	Professional	$30.9	(x)	$31.9	(x)
Legal and kindred	71.0	42.0	71.8	41.0	Administrative	$28.3	(x)	$29.5	(x)
Social science, psychology, and welfare	60.6	61.4	60.6	60.4	Technical	$18.2	(x)	$18.8	(x)
					Clerical	$15.8	(x)	$13.6	(x)

X Not applicable. [1] Includes other, not shown separately, and unspecified.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biennial.

No. 530. Salaries of Selected Federal Government Officials: 1949 to 1984

Year [1]	President	Vice President	Cabinet officers	Congressmen [2]	Year [1]	President	Vice President	Cabinet officers	Congressmen [2]
1949	[3] $100,000	$30,000	$22,500	([4])	1976	([4])	[5] [6] 68,800	[6] 66,000	[6] 46,800
1955	([4])	35,000	([4])	$22,500	1977–1978	([4])	[5] 75,000	66,000	57,500
1956	([4])	([4])	25,000	([4])	1979–1980	([4])	[7] 79,100	[7] 69,600	[7] 60,700
1964	([4])	43,000	35,000	([4])	1980–1982	([4])	[7] 79,100	[7] 69,600	[7] 60,700
1965	([4])	([4])	([4])	30,000	1983	([4])	91,000	80,100	69,800
1969	[3] 200,000	[6] 62,500	60,000	42,500	1984	([4])	94,200	83,300	72,600
1975	([4])	[5] $65,600	$63,000	$44,600					

[1] When salary change became effective. [2] Representatives and senators. [3] Plus $50,000 for official expenses. [4] No change from prior year shown. [5] Plus $10,000 expense allowance. [6] Pursuant to Legislative Branch Appropriation Act, 1977, salaries paid were limited to the rates in effect on Sept. 30, 1976. [7] Pursuant to Public Law 96-86, salaries paid are limited to the rates in effect for 1978.

Source: U.S. Office of Personnel Management, and unpublished data.

No. 531. Full-Time Civilian Blue-Collar Employment by Group: 1960 to 1981

[Covers full-time civilian blue-collar employment as of **October 31** in all Federal departments and agencies except members and staff of Congress, the Congressional Budget Office, Copyright Royalty Tribunal, Office of Technology Assessment, most of the Judicial Branch, and the Board of Governors of the Federal Reserve System. The Central Intelligence and National Security agencies are exempt by law from reporting personnel data to Office of Personnel Management. Excludes foreign nationals employed overseas; beginning 1980 excludes the U.S. Postal Service]

Major occupation group	1960	1970	1980	1981	Major occupation group	1960	1970	1980	1981
Total	**635,207**	**574,928**	**452,834**	**452,069**	Misc. occupations	–	725	4,932	5,009
Electronic equip. install. and maintenance	22,836	29,898	23,896	23,865	Industrial equipment *maintenance*	16,183	19,096	19,249	19,928
Electrical installation and maintenance	32,324	28,723	25,533	24,453	Industrial equipment operation	37,340	26,365	18,375	18,061
Instrument work	6,223	7,727	6,029	6,108	Transportation/mobile equip. operations	46,257	45,463	28,836	28,627
Machine tool work	*31,938*	*21,751*	*17,763*	*17,991*	Transportation/mobile equip. maintenance	24,184	29,215	23,485	23,041
General services and support work	90,776	60,654	39,374	37,720	Armament work	5,161	6,491	5,156	5,311
Metal processing	15,262	11,190	8,952	9,166	Warehousing and stock handling	50,799	46,597	37,654	39,762
Metal work	23,217	21,547	24,150	25,579	Packing and processing	10,323	8,518	8,380	8,761
Painting, paperhanging	13,865	11,202	10,095	10,207	Food preparation and serving	27,858	29,703	23,745	22,680
Plumbing and pipefitting	17,707	15,901	19,097	18,640	Engine overhaul	11,367	8,155	5,237	5,538
Printing	14,869	14,091	10,345	8,301	Aircraft overhaul	21,343	18,473	16,599	17,200
Woodwork	21,929	17,861	13,891	12,707	Other	78,926	76,912	44,156	45,999
General maintenance and operation	12,520	16,670	17,905	17,415					

– Represents zero.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biennial.

No. 532. Federal Government Employment, by Race and Hispanic Origin, and by Pay System: 1980 and 1982

[**1980:** Covers full-time employees as of **Nov. 30** and excludes Hawaii, Guam, foreign nationals abroad and U.S. Postal Service. **1982:** As of **Sept. 30.** Includes only Executive Branch agencies participating in OPM's Central Personnel Data File. Excludes *foreign nationals abroad and U.S. Postal Service*]

Pay system	1980					1982				
	Total employees (1,000)	Minority groups				Total employees (1,000)	Minority groups			
		Total [1] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)		Total [2] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)
All pay systems, total	**1,926.2**	**437.5**	**22.7**	**305.1**	**80.1**	**2,008.6**	**484.0**	**24.1**	**311.1**	**90.0**
General schedule and similar [2]	1,455.5	302.6	20.8	211.3	51.9	1,508.3	336.2	22.3	222.0	59.0
GS 1–4 ($8,676–$15,531)	273.9	90.2	32.9	65.8	13.4	303.6	101.9	33.6	71.0	16.1
GS 5–8 ($13,369–$23,838)	445.0	116.8	26.2	87.9	18.2	464.9	126.5	27.2	90.2	20.2
GS 9–12 ($20,256–$38,185)	521.0	77.4	14.9	47.2	16.6	530.0	87.6	16.5	50.1	18.7
GS 13–15 ($34,930–$57,500)	*215.6*	*18.3*	*8.5*	*10.5*	*3.7*	*209.8*	*20.1*	*9.6*	*10.7*	*4.0*
Executive, total	8.4	.6	7.1	.4	(Z)	7.8	.6	7.2	.3	.1
Wage systems	440.9	131.1	29.7	91.4	27.7	414.0	134.6	32.5	83.5	28.0
Other pay systems	21.4	3.2	15.0	2.0	.5	28.3	9.5	33.7	6.2	1.5

Z Fewer than 50. [1] Includes American Indians, Alaska natives, Asians, and Pacific Islanders, not shown separately. [2] Pay rates as of Oct. 1982 for general schedule. Each grade (except Executive) includes several salary steps. Range is from lowest to highest step of grades shown.

Source: U.S. Office of Personnel Management, *1980 Equal Employment Opportunity Statistics*, and *1982 Affirmative Employment Statistics*.

No. 533. Federal Land and Buildings Owned and Leased: 1960 to 1983

[As of **June 30**, except, beginning **1976**, as of **Sept. 30**. Covers Federal real property throughout the world, except as noted. Totals include data not shown separately. For data on Federal land by State, see table 330]

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1980	1981	1982	1983
Federally owned:									
Land, total	Mil. acres	772	766	762	761	720	731	730	732
Dept. of Agriculture	Mil. acres	186	187	187	188	184	193	193	193
Dept. of Defense	Mil. acres	30	30	31	31	30	23	23	29
Dept. of the Interior	Mil. acres	553	546	540	538	502	512	511	507
Buildings, number [1]	1,000	413	433	418	405	403	359	387	418
Dept. of Defense [1]	1,000	320	335	319	312	301	264	292	321
Dept. of the Interior	1,000	31	34	34	30	34	35	35	37
Buildings, floor area [1]	Mil. sq. ft.	2,445	2,490	2,542	2,502	2,522	2,349	2,467	2,609
Dept. of Defense [1]	Mil. sq. ft.	1,929	1,874	1,857	1,802	1,777	1,579	1,707	1,838
General Services Administration	Mil. sq. ft.	122	172	205	194	202	210	199	199
Dept. of the Interior	Mil. sq. ft.	42	47	61	58	65	68	69	72
Veterans Administration	Mil. sq. ft.	115	114	110	111	116	117	117	119
Cost of land, buildings, etc.[2]	Bil. dol	53	66	79	91	107	107	117	132
Dept. of Defense	Bil. dol	31	39	44	56	60	63	68	73
Dept. of the Interior	Bil. dol	5	6	8	10	10	10	12	12
Federally leased:									
Land	Mil. acres	1.8	1.8	1.8	1.2	1.4	1.4	1.4	1.4
Dept. of Defense	Mil. acres	1.7	1.7	1.4	1.0	1.2	1.1	1.2	1.1
Buildings, floor area [1]	Mil. sq. ft.	97	132	182	210	214	216	215	206
Dept. of Defense [1]	Mil. sq. ft.	11	7	7	13	14	15	14	14
Rental property, cost	Mil. dol	174	282	451	664	1,054	1,320	1,422	1,532
Dept. of Defense	Mil. dol	35	35	63	65	156	316	314	323

[1] Excludes data for Dept. of Defense military functions outside United States. [2] See headnote, table 534.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual, and *Inventory Report on Real Property Leased to the United States Throughout the World*, annual.

No. 534. Federally Owned Land and Cost of Land, by Predominant Usage: 1960 to 1983

[As of **June 30**, except beginning **1978**, as of **Sept. 30**. Covers land in United States only (50 States and DC). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value. For data on Federal land by State, see table 330]

YEAR AND AGENCY	Total	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, navigation	Reclamation, irrigation	Power development	Airfields	Other
LAND (mil. acres)										
1960, total	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0	33.2
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0	35.3
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5	33.8
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3	32.0
1978, total	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5	33.1
1979, total	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5	31.4
1980, total	719.5	421.8	162.2	92.6	18.5	8.3	4.8	1.5	.4	9.3
1981, total	730.8	432.3	161.7	102.2	10.5	8.4	3.8	1.6	1.1	9.2
1982, total	729.8	433.3	161.8	100.6	10.6	8.5	3.7	1.5	.7	9.1
1983, total	732.0	434.0	162.1	95.6	16.9	8.3	3.8	1.5	1.5	8.4
Dept. of Agriculture	192.5	172.3	19.7	(Z)	-	-	-	-	-	.5
Dept. of Energy	2.4	-	-	-	-	-	(Z)	(Z)	-	2.3
Dept. of Defense	29.1	.1	(Z)	.1	16.9	7.4	-	.7	1.5	2.4
Dept. of the Interior	506.6	261.6	142.4	95.4	-	(Z)	3.8	.7	(Z)	2.8
Tennessee Valley Authority	1.0	(Z)	-	.2	-	.7	-	(Z)	-	.1
Other	.6	(Z)	-	(Z)	(Z)	.2	(Z)	-	(Z)	.3
COST OF LAND (mil. dol.)										
1960	2,956	130	22	142	348	1,063	170	219	195	667
1965	4,128	237	18	180	298	1,915	224	204	203	849
1970	5,475	350	26	373	331	2,591	312	251	162	1,079
1975	6,872	589	26	618	334	3,381	313	273	199	1,139
1978	8,782	789	27	1,047	477	3,914	560	296	133	1,499
1979	9,680	900	27	1,417	460	4,104	377	286	146	1,943
1980	9,982	975	28	1,560	502	4,331	365	304	123	1,792
1981	10,355	1,121	29	1,823	274	4,504	264	321	240	1,780
1982	10,777	1,211	29	1,907	286	4,696	280	316	194	1,857
1983	10,972	1,236	29	2,114	266	4,629	261	323	206	1,908

- Represents zero. Z Less than 50,000 acres.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

NO. 535. PUBLIC LANDS—DISPOSAL TRANSACTIONS AND CASH RECEIPTS: 1951 TO 1983

[For years ending June 30 except, beginning 1976, Sept. 30. For explanation of terms, see text, p. 302. Period figures are totals, not annual averages. See also Historical Statistics, Colonial Times to 1970, series J 10–15 and J 26–32]

ITEM	Unit	1951–1960, total	1961–1970, total	1971–1975, total	1976–1980,[1] total	1978	1979	1980	1981	1982	1983
Applications, entries and selections allowed[2]	1,000 acres	3,176	17,518	13,078	[3] 134,014	860	18,649	1,167	1,311	10,390	5,350
Alaska	1,000 acres	1,535	15,019	12,898	[3] 133,932	850	18,644	1,160	1,277	10,299	5,148
Applications, entries, and selections approved[3]	1,000 acres	2,382	4,177	4,704	13,262	1,364	277	175	340	18,121	16,907
Alaska	1,000 acres	164	2,537	4,270	13,013	1,360	256	2	321	17,996	16,590
Patents and certificates[2]	1,000 acres	5,628	11,524	5,584	14,389	108	616	2,495	1,258	411	414
Alaska	1,000 acres	246	6,050	4,470	13,884	24	556	2,443	1,090	191	244
Homestead entries:[4]											
Allowed	Number	6,158	2,383	211	25	–	1	1	12	3	1
Acres	1,000	790	292	24	3	–	(z)	(z)	1	(z)	(z)
Approved[5]	1,000 acres	442	172	42	13	1	1	1	2	2	1
Cash receipts	Mil. dol	1,399	4,769	16,140	19,715	2,924	4,052	5,079	11,279	7,880	1,188
Mineral leases	Mil. dol	616	1,094	954	2,133	370	446	618	739	1,169	886
Outer Continental Shelf leases	Mil. dol	435	2,918	14,462	15,983	2,259	3,276	4,101	10,138	6,250	(NA)
Timber sales	Mil. dol	209	479	495	1,063	195	218	216	216	87	107
Public land, materials sales	Mil. dol	23	29	28	29	2	9	8	5	4	12
Fees and commissions	Mil. dol	9	36	47	152	32	40	29	44	4	2
Miscellaneous	Mil. dol	108	214	155	355	66	62	108	138	366	161

– Represents zero. NA Not available. Z Less than 500 acres. [1] Includes transition quarter, July–Sept. 1976. [2] Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. [3] Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. [4] Excludes ceded Indian lands. [5] *Excludes commuted homesteads.*

Source: U.S. Bureau of Land Management, *Public Land Statistics,* annual.

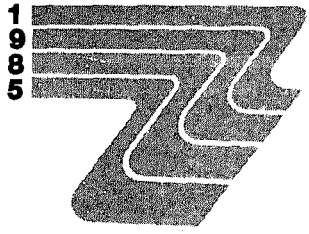
NO. 536. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1960 TO 1983

[As of June 30 through 1975; thereafter as of Sept. 30; except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1970,* series J 41–42, for oil and gas leases]

YEAR	MINERAL CLASS							GRAZING[2]	
	Total	Leases				Permits	Licenses	Leases[3]	Permits[4]
		Total	Oil and gas[1]	Coal	Other				
Number:									
1960	142,114	140,057	139,534	294	229	2,035	22	9,911	18,976
1965	101,863	101,086	100,339	379	368	763	14	8,912	18,712
1970	100,598	100,010	99,038	525	447	583	5	8,559	16,627
1975	104,075	103,762	102,815	529	418	309	4	7,785	15,480
1977	104,377	104,079	102,130	523	1,426	294	4	7,792	15,099
1978	105,284	105,088	102,984	524	1,580	183	13	9,884	14,925
1979	107,176	107,014	104,769	535	1,710	139	23	7,773	14,676
1980	106,125	105,963	103,571	522	1,870	132	30	7,700	14,741
1981	111,842	111,645	109,041	562	2,042	157	40	7,621	14,628
1982	118,589	118,365	115,389	607	2,369	149	75	7,837	12,956
1983	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,688	12,956
Acreage (1,000):									
1960	118,157	114,136	113,667	199	270	4,020	1	18,532	(NA)
1965	66,267	64,955	64,148	374	433	1,311	1	18,057	(NA)
1970	65,374	64,323	63,030	764	529	1,051	(z)	18,262	(NA)
1975	82,618	81,885	80,621	780	485	733	(z)	17,144	(NA)
1977	86,903	86,275	83,319	791	2,164	626	2	16,387	(NA)
1978	90,202	89,823	86,585	790	2,447	334	45	24,705	(NA)
1979	96,482	96,109	92,642	798	2,669	299	74	17,534	(NA)
1980	100,585	100,198	96,503	786	2,909	278	109	17,028	(NA)
1981	117,257	116,777	112,729	833	3,215	337	143	17,180	(NA)
1982	151,743	151,193	146,502	910	3,781	189	361	17,488	157,575
1983	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	16,866	157,575

NA Not available. Z Less than 500 acres. [1] For data on Outer Continental Shelf, see Section 27. [2] 1960–1977 as of *Dec. 31. Beginning 1978, as of Feb. 28 of following year. Beginning* 1983, as of Sept. 30. [3] Lands outside grazing districts, which are owned, leased, or otherwise controlled by the United States and administered by the Bureau of Land Management and which are subject to leasing for grazing purposes. [4] Licenses and permits within grazing districts.

Source: U.S. Bureau of Land Management, *Public Land Statistics,* annual.



Section 12

National Defense and Veterans Affairs

This section presents data on national defense and its human and financial costs; active and reserve military personnel; ships, equipment and aircraft; and federally sponsored programs and benefits for veterans. The principal sources of these data are the annual *Selected Manpower Statistics* and other reports issued by the Office of the Secretary of Defense; annual reports of the Departments of the Army, Navy, Air Force, and the National Guard Bureau; *Annual Report of Administrator of Veterans Affairs,* Veterans Administration, and *The Budget of the United States Government,* Office of Management and Budget. For more data on expenditures, personnel, and ships, see Section 33.

Department of Defense (DOD).—The Department of Defense is responsible for providing the military forces of the United States. It includes the Office of the Secretary of Defense, the Organization of the Joint Chiefs of Staff, the military departments (Army, Navy, Air Force), and the defense agencies (e.g., Defense Logistics Agency). The Secretary of Defense is appointed from civil life by the President and must be confirmed by the U.S. Senate. The President serves as Commander in Chief of the Armed Forces; from him, the authority flows to the Secretary of Defense and through the Joint Chiefs of Staff to the commanders of unified (e.g., the overseas commands in Europe and the Pacific where Army, Navy, and Air Force activities are unified under command of a single person) and specified commands (e.g., Strategic Air Command).

Reserve components.—Reserve personnel of the Armed Forces consist of the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. They provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as authorized by law.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peacetime, the National Guard is State-administered, and trained under the authority of the State Governors. The President is empowered to mobilize the National Guard and to use such of the Armed Forces as he considers necessary to enforce Federal or State authority in any State.

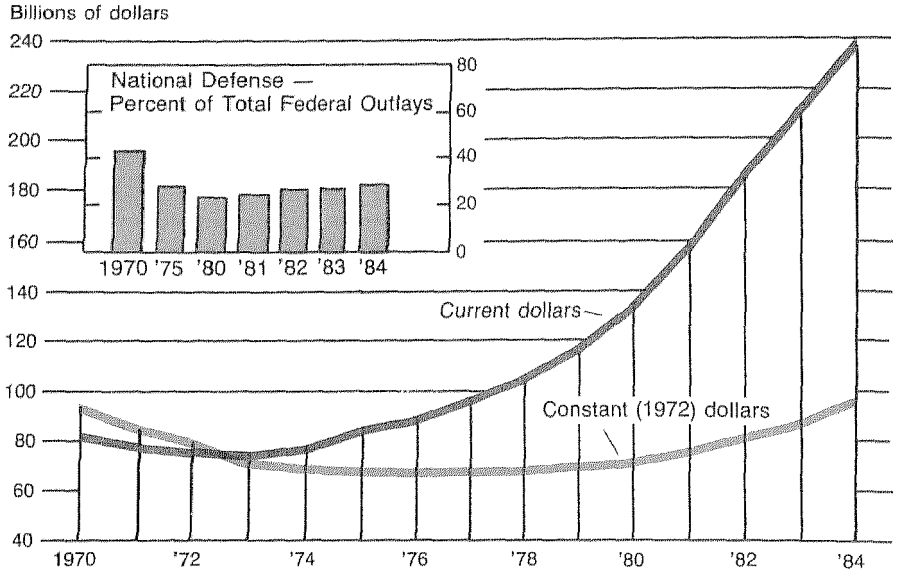
The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives explicit approval. The retired reserve represents a low potential for mobilization.

Veterans Administration.—The Veterans Administration (VA) administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased members. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation, education, and training; home loan insurance; life insurance; health care; special housing and automobiles or other conveyances for certain disabled veterans; burial and plot allowances; and educational assistance to families of deceased or totally disabled veterans, servicemen missing in action, or prisoners of war. Since these benefits are legislated by Congress, the dates they were enacted and the dates they apply to veterans may be different from the actual dates the conflicts occurred.

VA estimates of veterans cover all persons with active duty service during periods of war or armed conflict and until 1982 include those living outside the United States. Veteran population estimates for September 1982 are for the 50 States, the District of Columbia and Puerto Rico. Veterans whose active duty service was entirely during periods of peacetime are eligible for some veterans benefits and, where appropriate, are included in VA estimates.

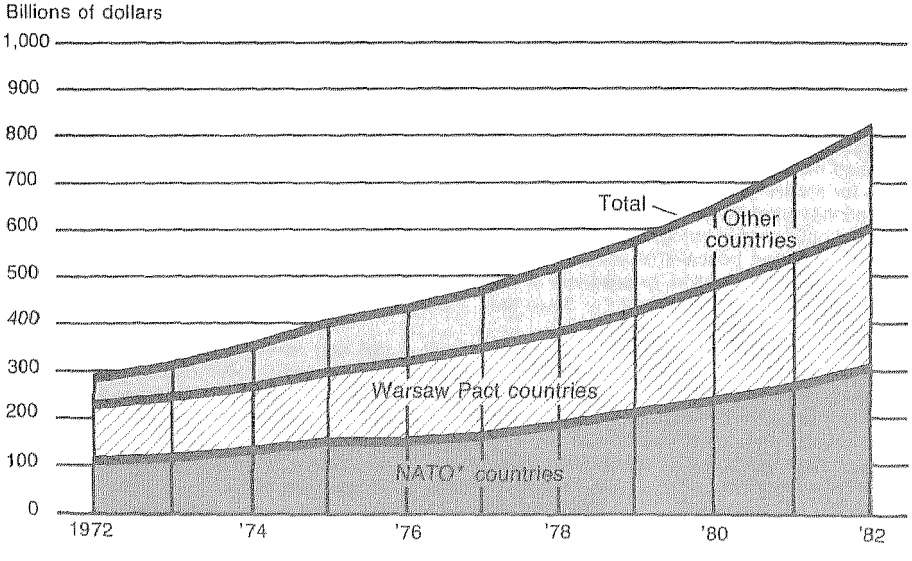
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 12.1
Federal Budget Outlays for National Defense: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 537.

Figure 12.2
World Military Expenditures: 1972 to 1982



* North Atlantic Treaty Organization
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 549.

No. 537. National Defense Outlays and Veterans Benefits: 1955 to 1984

[Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** Includes outlays of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series Y 472–473 and Y 476, for related data. Minus sign (–) indicates decline]

YEAR	NATIONAL DEFENSE AND VETERANS OUTLAYS				AVERAGE ANNUAL PERCENT CHANGE [1]					DEFENSE OUTLAYS, PERCENT OF—	
		Defense outlays			Total outlays		Defense outlays				
	Total outlays (bil. dol.)	Current dollars (bil. dol.)	Constant (1972) dollars (bil. dol.)	Veterans outlays (bil. dol.)	Current dollars	Constant (1972) dollars	Current dollars	Constant (1972) dollars	Veterans outlays	Federal outlays	Gross national product [2]
1955	47.4	42.7	83.2	4.7	16.1	6.2	25.5	19.3	–12.0	62.3	11.2
1960	53.5	48.1	78.4	5.4	2.5	2.5	2.4	–1.2	3.1	52.2	9.7
1962	57.9	52.3	83.4	5.6	4.0	6.4	4.3	3.1	1.7	49.0	9.5
1963	58.9	53.4	81.1	5.5	1.7	.4	2.0	–2.8	–1.9	48.0	9.2
1964	60.5	54.8	81.5	5.7	2.7	4.6	2.5	.5	2.9	46.2	8.9
1965	56.3	50.6	74.1	5.7	–6.9	–2.0	–7.6	–9.1	.7	42.7	7.7
1966	64.0	58.1	81.3	5.9	13.7	9.6	14.8	9.7	3.5	43.2	8.0
1967	78.3	71.4	96.8	6.9	22.3	13.4	22.9	19.1	16.5	45.3	9.2
1968	88.8	81.9	105.7	6.9	13.4	8.2	14.7	9.2	–.3	46.0	9.9
1969	90.1	82.5	101.6	7.6	1.5	–2.0	.7	–3.9	11.0	44.9	9.1
1970	90.4	81.7	94.0	8.7	.3	–	–1.0	–7.5	13.6	41.7	8.4
1971	88.7	78.9	84.9	9.8	–1.9	.9	–3.5	–9.7	12.7	37.5	7.6
1972	89.9	79.2	79.2	10.7	1.4	3.6	.4	–6.7	9.8	34.3	7.0
1973	88.7	76.7	71.6	12.0	1.3	1.1	–3.2	–9.3	12.0	31.2	6.1
1974	92.7	79.3	69.6	13.4	4.5	1.5	3.4	–3.1	11.4	29.6	5.8
1975	103.1	86.5	69.2	16.6	11.2	9.8	9.1	–.6	24.0	26.7	5.8
1976	108.0	89.6	67.0	18.4	4.8	5.4	3.6	–3.2	11.1	24.6	5.5
1976, TQ [3]	26.3	22.3	16.2	4.0	(x)	(x)	(x)	(x)	(x)	23.6	5.2
1977	115.2	97.2	67.3	18.0	6.7	2.4	8.5	.4	–2.1	24.3	5.2
1978	123.5	104.5	67.2	19.0	7.2	4.7	7.5	–.2	5.2	23.3	5.0
1979	136.2	116.3	69.3	19.9	10.3	1.1	11.3	3.1	5.0	23.7	4.9
1980	155.2	134.0	71.3	21.2	14.0	6.6	15.2	2.9	6.3	23.2	5.2
1981	180.5	157.5	74.6	23.0	16.3	3.5	17.5	4.6	8.5	24.0	5.5
1982	209.3	185.3	80.0	24.0	16.0	3.5	17.6	7.2	4.2	25.4	6.1
1983	234.7	209.9	85.9	24.8	12.1	4.5	13.3	7.4	3.7	26.4	6.5
1984, est	263.5	237.5	93.9	25.8	12.3	2.8	13.1	9.3	3.8	27.8	6.7

X Not applicable. [1] Change from prior year shown; for 1955, change from 1950. [2] For definition, see text, p. 427. [3] Transition quarter, July–Sept.

No. 538. Federal Budget Outlays for National Defense Functions: 1970 to 1984

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Minus sign (–) indicates decline. See *Historical Statistics, Colonial Times to 1970,* series Y 473, for total]

DEFENSE FUNCTION	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, est.
Total	81.7	76.7	79.3	86.5	89.6	97.2	104.5	116.3	134.0	157.5	185.3	209.9	237.5
Annual percent change [1]	10.1	–3.2	3.4	9.1	3.6	8.5	7.5	11.3	15.2	17.5	17.6	13.3	13.1
Defense Dept., military	80.2	75.4	79.1	85.9	88.1	95.3	102.3	113.7	131.0	153.8	180.7	204.4	231.0
Military personnel	29.0	29.8	30.4	32.2	32.5	33.7	35.6	37.3	40.9	47.9	55.2	60.9	64.5
Percent of military	36.2	39.5	38.4	37.5	36.9	35.4	34.8	32.8	31.2	31.1	30.5	30.0	27.9
Operation, maintenance	21.6	21.1	22.5	26.3	27.8	30.6	33.6	36.4	44.8	51.9	59.7	64.9	68.5
Procurement	21.6	15.7	15.2	16.0	16.0	18.2	20.0	25.4	29.0	35.2	43.3	53.6	64.4
Research and development	7.2	8.2	8.6	8.9	8.9	9.8	10.5	11.2	13.1	15.3	17.7	20.6	25.2
Military construction	1.2	1.1	1.4	1.5	2.0	1.9	1.9	2.1	2.5	2.5	2.9	3.5	4.1
Family housing	.6	.7	.9	1.1	1.2	1.4	1.4	1.5	1.7	1.7	2.0	2.1	2.6
Other [2]	–1.0	–1.1	.1	–.1	–.4	–.2	.6	–.2	–1.0	–.6	–.1	–1.2	1.7
Atomic energy activities [3]	1.4	1.4	1.5	1.5	1.6	1.9	2.1	2.5	2.9	3.4	4.3	5.2	6.0
Defense-related activities [4]	.1	.1	–1.2	–.8	–	–	–.2	.1	.1	.3	.3	.3	.5

– Represents zero. [1] Change from prior year; for 1970, change from 1965; and for 1973, change from 1972. [2] Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts. [3] Defense activities only. [4] Includes civil defense activities.

Source of tables 537 and 538: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual, and unpublished document, "Federal Government Finances," February 1984.

No. 539. Department of Defense—Funds Available and Outlays: 1970 to 1984

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See *Historical Statistics, Colonial Times to 1970*, series Y 458–460 for outlays]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, est.
Funds available	**90.5**	**92.7**	**95.9**	**102.9**	**114.8**	**131.0**	**139.8**	**151.1**	**169.2**	**206.1**	**243.7**	**302.3**	**320.6**
Budget authority	75.4	79.6	82.9	87.6	97.9	110.7	118.1	127.8	145.9	181.5	208.7	258.3	277.3
Military [1]	74.2	77.6	81.1	85.8	95.7	108.4	115.3	125.0	142.6	178.4	205.8	238.7	258.1
Civil	1.2	2.0	1.8	1.8	2.2	2.3	2.8	2.8	3.3	3.1	2.9	19.6	19.2
Unobligated balance	15.1	13.1	13.0	15.3	16.9	20.3	21.7	23.3	23.3	24.6	35.0	44.0	43.3
Military	14.8	12.7	12.6	15.1	16.7	20.0	21.3	23.0	23.0	24.2	34.6	43.4	43.0
Civil	.3	.4	.4	.2	.2	.3	.4	.3	.3	.4	.4	.7	.4
Outlays (DOD) [2]	**78.3**	**74.9**	**79.3**	**87.0**	**90.0**	**97.9**	**105.6**	**117.9**	**136.0**	**159.2**	**185.9**	**223.3**	**250.6**
Percent of funds available	86.5	80.7	82.7	84.5	78.3	74.7	75.5	78.0	80.4	77.2	76.3	73.9	78.2
Military	77.1	73.2	77.6	84.9	87.9	95.6	103.0	115.0	132.8	156.1	182.9	204.4	231.0
Civil [2]	1.2	1.7	1.7	2.1	2.1	2.3	2.6	2.9	3.2	3.1	3.0	18.9	19.6

[1] Excluding accruals. [2] Includes nondefense civil outlays by other departments.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 540. Department of Defense—Budget Authority by Major Mission: 1975 to 1984

[**In billions of dollars.** For years ending **Sept. 30**, except **1975** and **1976** ending **June 30**]

MISSION	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**87.9**	**97.5**	**108.4**	**115.3**	**125.0**	**142.6**	**178.4**	**213.8**	**239.5**	**258.2**
General purpose	28.1	33.0	36.6	41.3	47.4	52.2	68.8	88.1	98.8	99.7
Training, medical	20.0	21.6	22.6	23.9	26.4	29.2	35.3	39.6	42.2	44.2
Strategic forces	7.2	7.3	9.4	9.1	8.0	11.1	12.7	15.3	19.7	26.3
Central supply and maintenance	9.1	9.8	10.9	12.0	13.0	16.0	19.1	21.1	21.6	22.5
Research and development	7.7	8.7	9.8	10.0	10.9	11.9	14.2	16.9	18.7	21.4
Intelligence and communications	6.3	6.7	7.4	7.9	8.0	9.1	11.2	13.9	17.3	20.1
Guard and reserve	4.8	5.4	5.9	6.9	6.9	7.9	9.9	10.6	12.1	12.9
Airlift and sealift	.9	1.4	1.5	1.6	1.7	2.1	2.9	4.0	4.3	5.6
Admin. and assoc. activities	2.0	2.1	2.1	2.2	2.3	2.5	3.4	3.6	4.1	4.8
Support of other nations	1.8	1.6	.2	.3	.4	.6	.9	.9	.7	.7

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 541. Federal Research and Development Funding for National Defense: 1975 to 1985

[**In billions of dollars.** For years ending **Sept. 30**, except **1975**, ending **June 30.** 1975 shows obligation data; subsequent years show budget authority data]

Defense Programs	1975	1980	1981	1982	1983	1984 est.	1985 est.
Total [1]	**9.7**	**14.9**	**18.4**	**22.1**	**24.9**	**29.3**	**37.0**
Department of Defense (DOD)—military	9.0	13.8	17.1	20.5	23.3	27.4	34.9
Research, development, test and evaluation	8.6	13.3	16.5	19.9	22.6	26.6	34.1
Tactical programs	2.9	5.2	6.1	6.9	7.3	7.9	10.5
Strategic programs	2.1	2.2	3.4	4.6	5.8	7.8	8.7
Intelligence and communications	.6	1.2	1.6	2.2	2.7	3.4	4.2
Defensewide mission support	1.2	1.9	2.1	2.5	2.8	3.0	4.0
Advanced technology development	.3	.6	.6	.8	.8	1.4	3.4
Technology base	1.4	2.3	2.6	2.9	3.2	3.0	3.2
Other DOD military	.4	.5	.6	.6	.7	.8	.8
Atomic energy defense activities (DOE) [2]	.7	1.1	1.3	1.5	1.6	1.9	2.0
Weapons research, development, and testing	.4	.6	.8	.9	.9	1.1	1.2
Naval reactors development	.2	.2	.3	.3	.3	.4	.4
Inertial confinement fusion	(Z)	.1	.1	.1	.1	.1	.1
Materials production	(Z)	(Z)	(Z)	(Z)	.1	.1	.1
Defense waste and by-products management	(NA)	.1	.1	.1	.1	.1	.1
Nuclear safeguards and security	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	.1
Verification and control	[3]	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

NA Not available. Z Less than 50 million. [1] Includes other programs not shown separately. [2] Department of Energy (in 1975 Energy Research and Development Administration). [3] Included within weapons Research and Development and testing activities.

Source: U.S. National Science Foundation, unpublished data.

No. 542. Defense-Oriented Industries—Employment and Shipments to Defense Department by State: 1980 and 1982

[Based on a sample survey conducted by the U.S. Bureau of the Census. The survey sample included plants in 92 of the approximately 450 four-digit SIC manufacturing industries, which based on earlier studies had been shown to be engaged most extensively in business with the Federal Government. See Appendices B and C of source for detail]

Division and State	Employees (1,000)		Shipments to DOD [1] (mil. dol.)	
	1980	1982	1980	1982
United States	**734**	**855**	**50,419**	**72,054**
New England	**109**	**128**	**7,221**	**10,713**
Maine	7	7	322	454
New Hampshire	6	12	349	679
Vermont	4	5	211	320
Massachusetts	38	46	2,627	4,490
Rhode Island	6	7	318	457
Connecticut	49	52	3,395	4,313
Middle Atlantic	**97**	**109**	**7,635**	**9,143**
New York	59	65	4,230	5,393
New Jersey	21	22	2,062	1,767
Pennsylvania	18	23	1,343	1,982
East North Central	**59**	**72**	**4,870**	**6,964**
Ohio	18	23	1,536	2,172
Indiana	14	18	1,060	1,739
Illinois	9	13	734	1,018
Michigan	12	12	1,137	1,480
Wisconsin	6	7	403	556
West North Central	**56**	**65**	**4,902**	**6,917**
Minnesota	15	18	972	1,432
Iowa	5	6	315	357
Missouri	29	30	3,078	4,018
North Dakota	(D)	(D)	(D)	(D)
South Dakota	(S)	(Z)	(S)	(Z)
Nebraska	(S)	(D)	(S)	(D)
Kansas	7	11	499	1,047
South Atlantic	**83**	**101**	**4,788**	**7,125**
Delaware	(Z)	(Z)	119	114
Maryland	19	23	1,169	1,705
Virginia	29	35	1,372	2,158
South Atlantic—Con.				
West Virginia	(Z)	(Z)	7	11
North Carolina	2	3	148	208
South Carolina	2	2	119	97
Georgia	6	7	444	473
Florida	25	32	1,411	2,359
East South Central	**13**	**23**	**675**	**1,745**
Kentucky	(Z)	1	30	89
Tennessee	5	6	303	389
Alabama	6	7	276	475
Mississippi	1	10	67	792
West South Central	**47**	**54**	**3,301**	**6,312**
Arkansas	1	1	30	62
Louisiana	3	3	480	434
Oklahoma	3	4	251	316
Texas	40	47	2,540	5,500
Mountain	**26**	**32**	**1,957**	**3,262**
Montana	(Z)	(Z)	41	49
Idaho	(S)	(Z)	(S)	6
Wyoming	(S)	(Z)	(S)	5
Colorado	7	10	601	1,045
New Mexico	1	1	107	124
Arizona	12	14	730	1,208
Utah	6	7	468	826
Nevada	(Z)	(Z)	(Z)	(Z)
Pacific	**244**	**272**	**15,070**	**19,874**
Washington	22	10	1,502	828
Oregon	2	3	153	235
California	220	258	13,127	18,498
Alaska	(D)	(D)	(D)	(D)
Hawaii	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing operations of individual companies. S Does not meet publication standards. Z Fewer than 500 or less than $500,000. [1] DOD = Department of Defense.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175 (82)-1.

No. 543. Defense-Related Industries—Value of Selected Shipments, 1972 to 1983

[In millions of dollars]

Military equipment	1972	1977	1979	1980	1981	1982	1983
Aircraft, complete	2,803	4,580	4,430	5,892	6,870	8,655	10,400
Aircraft engines	1,046	1,985	3,280	4,312	4,944	4,770	5,490
Missile and space vehicle engines (complete, and engine parts)	741	984	1,294	1,739	2,085	2,300	2,500
Guided missiles and space vehicles, complete	4,531	5,731	7,507	8,236	9,710	11,500	12,100
Ships, new self-propelled	1,100	2,212	2,512	2,903	3,351	3,518	3,893
Ship repair	387	718	969	1,134	1,251	1,386	1,819

Source: U.S. Bureau of Industrial Economics, *U.S. Industrial Outlook*, annual.

No. 544. Defense-Oriented Industries—Employment and Shipments DOD: 1982

[DOD = Department of Defense. See headnote, table 542]

SIC [1]	Industry	Number of employees (1,000)	Value of shipments (mil. dol.)
28	Chemicals and allied products	6.0	333.4
29	Petroleum and coal products	2.0	3,875.1
30	Rubber, misc. plastics products	4.1	287.4
33	Primary metal	8.2	752.0
34	Fabricated metal products	56.4	4,157.8
35	Machinery, exc. electrical	44.8	4,041.5
3531	Construction machinery	2.3	231.7
3573	Electronic computing equipment	14.4	1,317.7
36	Electrical, electronic equipment	256.8	17,368.2
366	Telephone, telegraph apparatus	3.6	327.8
3662	Radio, TV communication equip	215.2	15,015.9
3674	Semiconductors, related devices	4.0	247.7
3679	Electronic components, n.e.c. [2]	8.6	377.4
37	Transportation equipment	433.1	38,145.4
3721	Aircraft	134.0	12,529.7
3724	Aircraft engines; parts	60.9	5,865.1
3728	Aircraft equipment, n.e.c. [2]	47.6	3,382.5
3731	Shipbuilding; repairing	80.6	5,259.1
3761	Guided missiles, space vehicles	64.7	6,457.1

[1] Standard Industrial Classification [2] Not elsewhere classified.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA-175(82)-1.

No. 545. Defense Purchases, National Income and Product Account Basis (NIPA): 1978 to 1983

[**In billions of dollars, except percent.** National defense purchases on a NIPA basis will differ from other published measures of DOD spending, such as budget authority or outlays, because of coverage and timing differences. See source for further detail. See text, page 466, and table 779]

Purchases	Current dollars						Constant (1972) dollars					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Total purchases	100.3	111.8	131.2	153.7	179.5	200.5	65.7	67.4	70.0	73.5	79.1	84.7
Percent of GNP [1]	4.6	4.6	5.0	5.2	5.8	6.1	4.6	4.6	4.7	4.9	5.3	5.5
Durable goods	24.1	29.0	33.5	40.0	49.4	59.1	16.2	17.7	18.2	19.4	21.6	24.2
Military equipment [2]	16.8	22.9	26.5	31.0	40.0	49.3	12.6	13.8	14.3	14.8	17.1	19.7
Aircraft	7.2	9.1	10.9	12.7	16.6	20.6	4.8	5.5	5.7	5.9	6.5	7.1
Ships	3.5	3.7	4.2	4.9	6.0	6.8	2.0	2.0	2.0	2.1	2.4	2.7
Missiles	2.6	3.2	3.7	4.6	5.7	7.4	2.0	2.0	2.1	2.2	2.5	3.2
Nondurable goods [2]	5.5	6.6	10.7	12.5	13.4	12.4	2.2	2.2	2.4	2.5	2.8	2.9
Bulk petroleum	3.2	4.0	7.5	9.0	9.2	7.6	.9	.8	.9	.9	1.0	.9
Ammunition	1.1	1.3	1.6	1.8	2.3	2.7	.6	.7	.7	.8	.9	1.0
Services [2]	68.3	73.6	83.8	98.0	112.9	124.4	45.6	46.1	47.8	50.1	53.0	55.5
Compensation of employees	46.1	48.7	53.1	61.2	68.4	73.1	32.2	32.0	32.2	33.1	33.9	34.6
Military	26.3	27.6	30.5	36.0	40.9	43.6	19.0	18.7	18.9	19.6	19.9	20.2
Structures	2.5	2.5	3.2	3.2	3.9	4.6	1.6	1.4	1.5	1.5	1.7	2.0

[1] *GNP=Gross national product.* [2] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–1976*, and *Survey of Current Business*, July issues.

No. 546. Prime Contract Awards to All Businesses, by Program: 1975 to 1983

[**In billions of dollars.** Net values for years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Includes all new prime contracts; debit or credit changes in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts]

DOD procurement program	1975	1976	1977	1978	1979	1980	1981	1982	1983	
									Total	Percent small business [1]
Total [2]	45.8	46.9	55.6	65.2	71.0	83.7	105.2	124.7	140.5	(x)
Intragovernmental [3]	5.0	6.2	6.2	7.5	7.3	10.2	9.8	12.8	9.9	(x)
For work outside the U.S.	2.4	2.3	2.8	4.0	3.9	5.4	6.6	7.5	7.2	(x)
Educational and non-profit institutions	.8	.9	.9	1.1	1.2	1.5	1.7	2.0	2.2	(x)
With business firms for work in the U.S. [4]	37.1	37.6	45.6	52.6	58.5	66.7	87.2	102.5	121.1	18.8
Major hard goods	22.2	22.8	29.3	34.3	37.5	41.0	53.3	67.9	80.8	6.2
Aircraft	6.7	7.0	9.1	11.0	11.6	12.5	16.5	21.1	26.3	2.9
Electronics and communication equipment	4.7	4.5	6.6	6.9	8.4	9.6	11.7	14.2	16.7	8.0
Missiles	4.6	4.7	5.6	6.6	6.7	7.9	10.2	12.7	14.7	2.6
Ships	3.5	3.8	4.2	5.4	6.0	6.0	7.4	9.6	12.8	7.9
Tank-automotive	.9	1.3	1.8	2.0	2.1	2.1	3.8	4.4	4.7	16.5
Ammunition	1.3	.9	1.4	1.6	1.8	1.9	2.1	3.6	3.2	14.7
Weapons	.4	.5	.6	.8	.9	1.1	1.5	2.3	2.4	6.7
Services	3.1	3.2	3.4	4.6	4.5	5.9	5.8	7.9	10.4	21.5
All other	11.9	11.6	12.9	13.7	16.6	19.8	28.0	26.7	29.9	52.0

X Not applicable. [1] *Covers firms not dominant in their fields of operation and employing fewer than 1,000, 750, or 500 persons, depending on industry classifications. For certain types of firms, other criteria are used, such as yearly gross sales.* [2] 1975 and 1976 include awards for CHAMPUS. [3] Covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments. [4] Includes Defense Logistics Agency, contracts awarded for work in U.S. possessions, Commonwealth of Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas.

Source: U.S. Dept. of Defense, *Military Prime Contract Awards*, annual.

No. 547. Employment—Defense-Related Agencies: 1960 to 1983

[**In thousands, except percent.** Annual averages]

Employment	1960	1965	1970	1975	1979	1980	1981	1982	1983
Total U.S. employment [1]	67,639	73,034	80,796	87,524	100,421	100,907	102,042	101,194	102,510
Federal	**4,291**	**4,485**	**5,046**	**4,560**	**4,494**	**4,586**	**4,555**	**4,538**	**4,554**
Resident Armed Forces	1,861	1,946	2,118	1,678	1,597	1,604	1,645	1,668	1,676
Civilian personnel [2]	2,430	2,539	2,928	2,882	2,897	2,982	2,910	2,871	2,878
Federal defense-related agencies, excluding Armed Forces [3]	**1,057**	**1,053**	**1,211**	**1,036**	**949**	**948**	**972**	**979**	**1,016**
Percent of Federal civilian personnel	43.5	41.5	41.4	36.0	32.8	31.7	33.4	34.1	35.3
Federal defense-related agencies [1]	**2,918**	**2,999**	**3,329**	**2,717**	**2,546**	**2,552**	**2,617**	**2,647**	**2,692**
Percent of total Federal [1]	68.0	66.9	66.0	59.6	56.7	55.6	57.5	58.3	59.1
Percent of total U.S. [1]	4.3	4.1	4.1	3.1	2.5	2.5	2.6	2.6	2.6

[1] Includes resident Armed Forces. [2] Includes all direct employment by U.S. Government abroad regardless of citizenship. [3] Source: Beginning 1977, U.S. Dept. of Defense, *Civilian Manpower Statistics*, annual (Sept. issues).

Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Work Force Statistics*.

NO. 548. DEPARTMENT OF DEFENSE CONTRACT AWARDS, PAYROLL, CIVILIAN AND MILITARY PERSONNEL—STATES: 1981 TO 1983

[For years ending **Sept. 30. Contracts** refer to awards made in year specified; expenditures relating to awards may extend over several years. **Payroll** estimates cover active duty military and direct hire civilian personnel, including Army Corps of Engineers. **Civilian employees** represent direct hire civilian employees; excluded are those who are not subject to Office of Management and Budget ceiling controls, such as Summer Aides. **Military personnel** in each department include a number of personnel in a transient status. These personnel are in a travel, proceed, leave enroute, or temporary duty status while on permanent change of station (PCS) orders. The Navy and Air Force report these personnel at their location prior to their arrival at their new permanent duty location. The Army includes these personnel in one category entitled "Undistributed," whom also includes personnel for which an exact location is undetermined]

STATE	CONTRACT AWARDS [1] (mil. dol.)			PAYROLL (mil. dol.)			CIVILIAN EMPLOYEES			MILITARY PERSONNEL		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
Total	**87,761**	**103,858**	**118,744**	**43,688**	**47,387**	**50,458**	**890,996**	**899,411**	**931,123**	**1,368,096**	**1,387,689**	**1,410,320**
AL	848	953	1,127	964	1,023	1,097	24,419	24,972	26,090	24,038	23,395	25,072
AK	349	332	386	447	467	509	4,329	4,493	4,616	20,582	21,000	20,680
AZ	1,142	1,498	1,360	604	605	652	9,661	9,685	9,725	22,513	23,143	24,432
AR	218	525	629	259	254	278	4,601	4,452	4,764	9,076	9,698	9,889
CA	16,699	22,685	26,387	6,897	7,735	8,269	127,962	128,214	133,359	195,989	198,080	204,572
CO	938	1,074	1,007	865	884	947	13,276	13,531	14,061	43,524	41,291	39,879
CT	4,494	5,905	5,132	278	306	333	4,407	4,426	4,515	5,509	5,485	5,865
DE	238	242	220	122	141	125	1,762	1,761	1,782	4,772	5,102	4,935
DC	627	873	1,133	731	744	790	16,440	16,215	16,274	15,655	12,868	13,342
FL	3,169	4,119	4,650	2,061	2,235	2,371	29,065	28,720	29,805	70,578	71,524	70,872
GA	1,334	1,701	2,449	1,634	1,795	1,884	34,509	35,638	36,620	62,639	63,962	62,941
HI	591	526	639	1,302	1,476	1,566	19,501	20,090	20,244	44,201	42,945	45,715
ID	41	95	49	122	108	125	1,135	1,118	1,176	5,783	5,449	5,999
IL	1,217	1,317	1,535	1,079	1,115	1,136	20,664	20,865	21,591	41,727	39,149	36,289
IN	1,718	2,010	2,117	389	424	452	12,988	13,070	13,779	5,993	5,800	6,059
IA	333	356	407	38	45	46	1,423	1,447	1,462	423	439	459
KS	983	1,452	1,575	523	536	568	5,940	6,333	6,419	26,127	25,931	24,609
KY	407	280	420	754	866	919	12,206	12,964	13,605	39,790	41,458	41,378
LA	3,045	1,622	1,484	537	567	637	8,252	8,884	9,006	24,564	25,732	25,950
ME	476	788	405	164	186	185	2,089	2,048	2,067	4,952	5,048	5,419
MD	2,391	3,097	3,540	1,453	1,600	1,698	38,730	39,225	40,857	33,482	34,536	35,759
MA	4,605	5,317	6,328	442	461	506	11,914	11,551	11,922	9,770	10,215	10,385
MI	1,777	1,590	1,782	428	442	467	11,770	11,999	11,945	8,848	9,266	9,599
MN	1,188	1,462	1,605	95	88	89	2,909	2,636	2,706	1,689	920	916
MS	1,443	1,411	1,840	581	580	599	10,499	10,366	11,133	19,264	19,807	18,119
MO	4,411	5,354	5,638	645	700	746	19,133	19,749	20,134	17,972	17,443	17,685
MT	43	43	117	107	93	93	1,142	1,164	1,119	4,430	4,325	4,160
NE	110	144	163	359	336	356	3,650	3,695	3,761	12,404	12,319	12,282
NV	78	109	159	229	228	242	1,849	1,901	1,872	10,322	11,050	11,824
NH	393	539	541	283	312	331	9,406	9,546	10,363	3,854	3,884	4,096
NJ	2,313	2,895	2,640	919	973	1,028	27,631	27,447	27,309	18,379	19,077	21,447
NM	386	458	463	505	559	547	9,637	9,517	9,433	15,648	16,611	16,883
NY	6,521	7,776	9,635	658	726	795	18,457	18,275	18,631	21,295	22,031	22,716
NC	860	854	786	1,650	1,766	1,934	14,087	14,724	15,306	95,377	91,368	97,890
ND	107	69	137	231	215	225	1,640	1,636	1,618	10,705	11,048	11,647
OH	2,472	3,339	3,365	1,016	853	1,113	31,538	30,565	32,657	10,707	10,935	11,834
OK	657	584	612	922	1,145	1,076	23,637	24,221	24,749	28,964	30,777	31,875
OR	171	225	181	82	103	97	2,929	2,990	3,042	897	823	770
PA	2,406	3,082	3,329	1,221	1,413	1,471	52,174	51,706	53,985	7,783	7,843	7,997
RI	236	285	381	193	223	222	4,016	3,977	4,112	3,662	3,817	3,974
SC	482	422	400	1,281	1,424	1,538	18,917	18,839	19,803	45,783	48,023	50,264
SD	57	54	42	138	125	131	1,231	1,231	1,219	6,072	6,160	6,515
TN	521	701	828	313	337	360	7,909	7,740	7,653	12,029	11,998	11,831
TX	7,504	6,872	8,229	3,377	3,413	3,619	59,233	60,509	62,799	142,053	134,707	133,406
UT	404	562	722	563	592	605	21,574	22,400	22,156	6,013	6,022	6,241
VT	168	202	180	13	14	15	485	525	535	81	75	60
VA	3,612	4,083	7,072	4,708	5,502	5,876	98,872	100,428	104,719	88,305	90,882	94,484
WA	2,793	2,888	3,986	1,312	1,486	1,573	26,012	26,601	29,246	39,358	41,336	42,570
WV	114	132	122	41	42	50	1,547	1,532	1,557	461	478	438
WI	607	869	775	73	79	85	2,970	2,919	2,936	951	921	943
WY	64	89	39	85	76	83	869	871	886	3,680	3,693	3,821

[1] Military awards for supplies, services, and construction. Net value of contracts of over $25,000 for work in each State and DC. Figures reflect impact of prime contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State in which the subcontracted work is done. See also headnote, table 546.

Source: U.S. Dept. of Defense, *Prime Contract Awards by State*, annual, and *Distribution of Personnel by State--by Selected Locations*, annual.

No. 549. Worldwide Military Expenditures: 1972 to 1982

[For military expenditures and Armed Forces by country, see Section 33. GNP=Gross national product]

Country group	Military expenditures (bil. dol.)											Per capita (dol.)	
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1980	1982
In current dollars													
Worldwide, total [1]	**290.9**	**313.8**	**358.7**	**405.9**	**438.6**	**472.4**	**517.5**	**572.7**	**647.3**	**733.6**	**817.5**	**145**	**177**
United States	77.6	78.4	85.9	90.9	91.0	100.9	109.2	122.3	144.0	169.9	196.3	632	846
Percent of total	26.7	25.0	23.9	22.4	20.7	21.4	21.1	21.4	22.2	23.2	24.0	(x)	(x)
Developed countries [2]	237.4	252.9	283.6	311.9	333.5	361.8	394.6	438.4	497.8	562.4	626.7	461	571
Developing countries [2]	53.5	61.0	75.1	94.0	105.2	110.6	122.8	134.3	149.5	171.2	190.8	44	54
NATO countries [3]	120.7	124.7	138.2	148.5	153.4	168.3	183.5	204.1	236.3	272.5	308.4	408	526
Warsaw Pact countries	110.0	121.1	138.1	155.4	171.1	183.4	199.9	220.6	246.1	273.0	300.0	656	789
Soviet Union	93.6	103.1	118.1	132.9	147.0	157.8	172.3	190.9	213.2	236.7	257.0	803	952
In constant (1981) dollars													
Worldwide, total [1]	**565.9**	**577.9**	**607.3**	**630.2**	**644.4**	**655.5**	**668.5**	**682.2**	**707.6**	**733.6**	**771.1**	**159**	**167**
United States	151.0	144.3	145.5	141.2	133.7	140.0	141.1	145.6	157.4	169.9	185.2	691	798
Percent of total	26.7	25.0	24.0	22.4	20.7	21.4	21.1	21.3	22.2	23.2	24.0	(x)	(x)
Developed countries [2]	461.7	465.6	480.2	484.3	489.9	502.0	509.8	522.2	544.2	562.4	591.1	504	538
Developing countries [2]	104.2	112.3	127.2	145.9	154.5	153.4	158.7	160.0	163.4	171.2	180.0	48	51
NATO countries [3]	234.9	229.6	234.0	230.5	225.3	233.5	237.0	243.1	258.3	272.5	290.9	446	496
Warsaw Pact countries	213.9	223.0	233.9	241.3	251.3	254.5	258.2	262.8	269.1	273.0	283.0	718	744
Soviet Union	182.1	189.8	200.0	206.4	215.9	218.9	222.6	227.4	233.1	236.7	242.4	878	898
Percent of GNP:													
Worldwide, total	6.0	5.8	5.9	6.0	5.8	5.7	5.6	5.5	5.6	5.7	6.0	(x)	(x)
United States	6.5	5.9	6.0	5.8	5.3	5.2	5.1	5.1	5.5	5.8	6.4	(x)	(x)
Developed countries [2]	6.1	5.8	5.9	5.9	5.8	5.7	5.6	5.5	5.7	5.8	6.1	(x)	(x)
Developing countries [2]	5.6	5.5	5.7	6.2	6.1	5.7	5.7	5.4	5.2	5.4	5.7	(x)	(x)
NATO countries [3]	5.1	4.7	4.8	4.7	4.4	4.4	4.3	4.3	4.5	4.7	5.1	(x)	(x)
Warsaw Pact countries [4]	12.4	12.1	12.1	12.0	12.3	12.0	11.8	11.9	12.0	12.0	12.3	(x)	(x)
Soviet Union [4]	15.4	14.9	14.9	14.9	15.3	15.0	14.8	15.0	15.0	14.9	15.0	(x)	(x)

X Not applicable. [1] *Includes countries not shown separately.* [2] Twenty-eight developed countries; see table 550 for selected countries; for complete list see source. [3] North Atlantic Treaty Organization. [4] The meaning of the ratio of military expenditures to GNP differs somewhat between most Communist countries and non-Communist countries because of different estimating procedures. For details, see source.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers,* annual.

No. 550. Value of Arms Exports and Imports, Supplier and Recipient Countries, in Constant (1981) Dollars: 1975 to 1982

[In millions of constant (1981) dollars]

Country	1975	1980	1981	1982
World, total [1]	**19,606**	**30,661**	**34,390**	**34,424**
SUPPLIERS				
Canada	124	98	100	226
China: Mainland	279	273	370	943
Czechoslovakia	760	765	600	801
France	1,086	2,951	4,200	3,018
Germany, Fed. Rep. of	652	1,530	1,400	883
Poland	264	574	700	542
Soviet Union	6,210	10,933	9,900	10,281
United Kingdom	815	1,967	2,600	1,886
United States	7,452	7,106	8,300	8,961
RECIPIENT COUNTRIES				
Developed [1]	**5,425**	**6,487**	**6,880**	**6,234**
Australia	46	306	550	160
Canada	248	349	440	235
Czechoslovakia	481	184	320	235
German Dem. Rep	698	164	360	542
Germany, Fed. Rep. of	931	524	550	462
Hungary	279	393	70	66
Italy	108	131	100	141
Japan	93	371	675	565
Poland	543	185	440	235
Romania	264	338	120	9
Soviet Union	465	1,066	875	919
United Kingdom	139	393	480	471
United States	217	153	210	405

Recipient countries	1975	1980	1981	1982
Developing [1]	**14,180**	**24,173**	**27,510**	**28,190**
Afghanistan	62	10	190	150
Algeria	139	573	1,000	1,037
Angola	186	185	280	330
Argentina	46	218	430	282
Chile	31	273	260	264
Cuba	108	284	800	919
Ecuador	93	196	60	216
Egypt	543	601	575	1,980
El Salvador	7	–	10	47
Ethiopia	46	628	270	273
Greece	403	262	410	349
India	263	765	875	1,131
Iran	1,863	437	800	1,226
Iraq	1,048	1,749	3,700	4,056
Israel	1,125	901	1,100	943
Jordan	108	284	1,100	778
Korea, Dem. Peo. Rep	217	87	190	254
Korea, Rep	295	524	390	358
Kuwait	77	43	120	122
Libya	853	2,405	2,400	2,263
Mexico	31	21	50	179
Morocco	77	382	320	245
Nicaragua	–	5	30	94
Oman	62	109	50	94
Pakistan	155	415	300	415
Peru	186	284	290	264
Saudi Arabia	388	1,967	2,700	2,452
Spain	248	273	390	443
Sudan	–	109	160	160
Syria	590	2,951	1,900	2,169
Turkey	341	317	340	396
Venezuela	139	142	290	226
Vietnam, Soc. Rep	124	1,093	575	754
Yemen (Arab Rep)	31	601	800	226

– Represents zero. [1] Includes countries not shown separately. See footnote 2, table 549.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers,* annual.

No. 551. U.S. Military Sales Deliveries and Military Assistance Deliveries to Foreign Governments, by Country: 1950 to 1983

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Represents Department of Defense military sales deliveries. Includes deliveries made under Military Assistance Program (MAP) and Military Assistance Service Funded Program (MASF); excludes training. For explanation of MAP and MASF programs, see headnote, table 552]

COUNTRY	MILITARY SALES DELIVERIES					MILITARY ASSISTANCE DELIVERIES				
	1950–1979 [1]	1980	1981	1982	1983	1950–1979 [1]	1980	1981	1982	1983
Total	**44,386.0**	**5,811.4**	**7,793.8**	**8,963.6**	**10,991.9**	**53,061.2**	**435.7**	**313.2**	**426.3**	**179.3**
Argentina	161.1	14.6	6.4	4.3	2.0	34.0	–	–	–	–
Australia	1,341.8	150.3	506.2	127.4	151.1	–	–	–	–	–
Austria	98.2	6.6	51.1	7.7	16.6	96.3	–	–	–	–
Belgium	329.3	289.1	276.5	297.7	275.3	1,203.8	–	–	–	–
Bolivia	1.9	.2	–	–	–	29.5	2.4	–	–	–
Brazil	256.2	7.3	5.3	4.3	9.1	207.2	–	–	–	–
Canada	1,324.8	68.0	82.0	117.6	112.6	–	–	–	–	–
Chile	172.6	5.5	–	–	–	80.5	–	–	–	–
China (Taiwan)	998.1	209.1	373.7	390.0	435.0	2,553.2	.5	.8	.2	–
Colombia	29.3	3.7	9.1	15.1	7.0	83.1	–	(Z)	(Z)	(Z)
Denmark	186.9	207.4	200.5	199.9	178.8	587.3	–	–	–	–
Dominican Rep	2.1	.1	–	3.5	.3	21.3	.2	(Z)	–	(Z)
Ecuador	34.9	10.6	6.4	11.9	29.4	32.0	–	–	–	–
Egypt	253.7	202.9	203.3	989.3	1,004.7	–	–	–	–	–
El Salvador	3.1	1.2	2.0	16.7	28.1	4.7	.2	9.8	30.5	19.3
Ethiopia	86.6	–	–	–	–	183.1	–	–	–	–
France	366.7	9.9	11.9	15.5	14.2	4,045.1	–	–	–	–
Germany, Fed. Rep	5,933.7	357.7	429.7	422.6	324.5	884.8	–	–	–	–
Greece	1,193.1	137.8	132.0	134.0	162.8	1,562.8	33.2	16.5	22.4	34.7
Guatemala	27.5	1.9	.5	.7	.7	16.2	.1	(Z)	(Z)	(Z)
Honduras	9.1	.6	1.7	1.4	12.2	5.6	(Z)	–	(Z)	(Z)
India	69.5	6.2	.5	.6	1.0	90.2	–	(Z)	(Z)	(Z)
Indonesia	58.1	88.3	63.6	14.6	29.6	156.7	22.6	6.7	3.8	.8
Iran	10,793.8	–	–	–	–	766.7	–	–	–	–
Israel	5,635.6	569.4	1,039.8	924.4	309.0	–	–	–	–	–
Italy	718.7	35.2	26.6	24.7	29.5	2,243.7	–	–	–	–
Japan	462.8	84.9	320.4	326.2	435.9	810.3	–	–	–	–
Jordan	558.8	173.2	113.4	123.1	278.9	332.5	47.3	66.2	18.3	14.6
Kampuchea	–	–	–	–	–	1,177.2	–	–	–	–
Kenya	55.9	3.9	28.5	23.5	20.1	–	–	–	–	–
Korea [2]	1,236.3	295.2	295.4	220.6	304.6	5,062.9	160.3	107.7	139.3	.8
Kuwait	441.3	77.9	65.3	85.1	72.8	–	–	–	–	–
Laos [2]	–	–	–	–	–	1,460.1	–	–	–	–
Lebanon	29.2	16.0	12.8	37.2	189.1	13.6	–	–	–	–
Liberia	3.9	.4	.1	.1	9.3	5.3	(Z)	.5	(Z)	.4
Libya	26.2	–	–	–	–	12.6	–	–	–	–
Malaysia	60.1	4.6	29.0	3.6	26.4	–	–	–	–	–
Mexico	18.8	2.3	1.3	73.3	20.8	(Z)	–	–	–	–
Morocco	308.2	51.1	124.7	57.0	61.8	29.6	–	–	–	–
Netherlands	357.8	350.2	336.4	471.7	528.2	1,178.1	–	–	–	–
New Zealand	125.9	7.4	8.3	8.9	12.5	–	–	–	–	–
Nicaragua	5.2	(Z)	–	–	–	7.5	.1	–	–	–
Nigeria	23.4	6.2	9.5	7.7	2.5	–	–	–	–	–
Norway	336.4	228.2	208.0	249.3	261.6	862.2	–	–	–	–
Oman	1.8	7.8	16.8	31.5	21.2	–	–	–	–	–
Pakistan	271.3	52.6	77.8	146.4	256.0	650.3	–	–	–	(Z)
Panama	4.7	.2	.2	.4	.5	4.3	(Z)	(Z)	(Z)	(Z)
Paraguay	.7	–	–	–	–	9.1	.2	–	(Z)	(Z)
Peru	136.4	14.2	6.6	5.6	3.6	75.0	–	(Z)	–	–
Philippines [2]	125.9	14.3	16.4	21.8	11.4	494.8	33.2	15.6	29.1	19.8
Portugal	14.2	1.3	4.4	9.3	12.5	343.1	17.0	16.3	73.3	16.2
Saudi Arabia	4,303.0	1,151.8	1,461.6	2,092.7	3,888.7	23.9	–	–	–	–
Singapore	130.9	17.9	52.8	23.5	85.0	–	–	–	–	–
South Vietnam [2]	1.2	–	–	–	–	14,773.9	–	–	–	–
Spain	644.9	55.6	130.2	121.5	74.8	615.5	11.7	15.4	21.0	18.0
Sudan	39.9	21.7	22.8	75.7	13.5	–	–	–	1.5	(Z)
Sweden	64.9	5.5	6.8	22.1	1.9	–	–	–	–	–
Switzerland	513.8	18.5	101.9	54.8	217.6	–	–	–	–	–
Thailand [2]	269.2	201.5	254.0	149.0	170.3	1,127.2	32.0	3.1	3.8	2.6
Tunisia	50.7	9.6	24.0	12.3	26.0	40.1	.1	(Z)	.1	(Z)
Turkey	549.7	136.4	107.9	187.9	152.8	3,073.1	34.5	13.0	10.7	5.4
United Kingdom	2,181.9	269.4	336.3	337.0	472.2	1,012.9	–	–	–	–
Uruguay	17.3	.7	.7	.4	.8	40.6	.2	.1	(Z)	(Z)
Venezuela	227.9	5.9	13.8	19.3	33.0	(Z)	–	–	–	–
Yemen	121.4	72.3	49.4	24.9	16.5	–	–	–	–	–
Yugoslavia	13.9	.6	.3	.5	22.1	689.6	–	–	–	–
Zaire	48.5	9.8	7.3	6.5	7.7	23.3	–	–	–	(Z)
Other countries	46.1	5.3	4.9	23.4	29.7	857.7	–	–	–	8.1
Int'l organizations	467.2	53.4	125.0	185.7	116.1	1,601.4	–	–	–	–
General and regional costs	–	–	–	–	–	1,765.7	39.4	41.5	72.3	38.6

– Represents zero. Z Less than $50,000. [1] Includes transactions for the transition quarter, July–Sept. 1976.
[2] Includes MAP and MASF programs for military assistance deliveries.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales,* and *Military Assistance Facts,* annual.

No. 552. U.S. Military Sales and Assistance to Foreign Governments: 1950 to 1983

[**In millions of dollars, except as indicated.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Department of Defense (DOD) sales deliveries cover deliveries against DOD sales orders authorized under Arms Export Control Act, as well as earlier and applicable legislation. For details regarding individual programs, see source]

ITEM	1950–1973	1974	1975	1976 [1]	1977	1978	1979	1980	1981	1982	1983
Military sales agreements [2]	20,175	8,665	11,140	8,824	6,388	7,551	11,929	13,411	7,218	19,041	17,561
Weapons and ammunition [2]	8,597	5,085	5,667	3,417	2,540	2,796	3,761	6,922	2,266	7,791	8,731
Support equipment [3]	3,558	893	930	886	482	650	2,210	1,079	1,111	3,625	1,241
Spare parts and modifications	5,124	1,583	2,708	1,759	1,297	1,977	2,453	1,673	2,349	3,971	3,727
Support services	2,897	1,104	1,815	2,762	2,069	2,128	3,505	3,736	1,493	3,654	3,862
Military construction sales agreements	1,859	563	4,680	5,455	601	654	1,025	1,591	883	1,870	715
Military sales deliveries [4]	13,585	3,184	3,504	5,794	7,058	7,670	8,011	7,270	9,286	10,740	13,152
Military assistance programs [5]	50,178	1,526	1,043	257	232	215	229	267	251	262	85
Military assist. program deliveries [5]	48,560	1,832	1,808	364	109	220	168	436	313	426	179
Military sales financing	3,647	2,889	849	2,785	1,911	2,101	5,673	1,950	3,046	3,884	5,107
IMET program	1,755	49	33	27	26	29	27	25	29	45	50
Students trained (1,000)	456	13	9	7	5	4	4	4	5	6	8

[1] Includes transition quarter, July–Sept. 1976. [2] Includes items not shown separately. [3] Includes aircraft, ships, support vehicles, communications equipment, and other supplies. [4] Includes military construction sales deliveries. [5] Includes military Assistance Service Funded program data.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales, and Military Assistance Facts,* annual, and unpublished data.

No. 553. Arms Delivered by Selected Supplier and Major Weapon Type: 1978–1982

[The suppliers included are the five largest single exporters of major weapons in terms of magnitude of deliveries as well as other countries of the two major alliances. Excludes Albania, Greece, Malta, Spain, Turkey, and Yugoslavia]

TYPE OF WEAPON	SUPPLIER							
	Total	Soviet Union	Other Warsaw Pact	United States [1]	France	United Kingdom	Other NATO	China
Land armaments: Tanks	12,335	6,895	2,065	2,145	180	385	280	385
Anti-air artillery [2]	6,890	3,175	795	1,025	65	130	325	1,375
Field artillery [3]	12,100	5,245	890	3,745	430	180	815	795
Armored personnel carriers	19,615	9,065	185	6,555	2,285	595	925	5
Naval craft: Major surface combatants [4]	125	32	5	27	17	13	31	–
Other surface combatants [5]	497	134	7	97	48	35	155	21
Submarines	20	8	–	1	2	–	7	2
Missile attack boats	94	53	–	–	16	6	11	8
Aircraft: Combat aircraft (supersonic)	3,505	2,160	25	655	255	55	–	355
Combat aircraft (subsonic)	565	225	15	205	70	45	–	5
Other aircraft [6]	1,665	380	280	225	110	140	395	135
Helicopters	2,435	1,065	115	235	655	30	330	5
Missiles (surface-to-air)	17,830	11,255	100	4,610	1,040	750	–	75

– Represents zero. [1] United States data are by fiscal years 1978–1982, while other suppliers' data are by calendar years 1978–1982. [2] Air defense artillery includes weapons over 23 mm. [3] Field artillery includes mobile rocket launchers mortars, and recoilless rifles over 100 mm. [4] Major surface combatants include aircraft carriers, cruisers, destroyers, destroyer escorts, and frigates. [5] Minor surface combatants include motor torpedo boats, subchasers, and minesweepers. [6] Other aircraft include reconnaissance aircraft, trainers, transports, and utility aircraft.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers,* annual.

No. 554. Estimates of Total Dollar Costs of American Wars

[**In millions of dollars, except percent.** Service-connected veterans' benefits estimated at 40 percent of total veterans' benefits except as noted]

ITEM	World War II	Vietnam Conflict	Korean Conflict	World War I	Civil War: Union	Civil War: Confederacy	Spanish American War	American Revolution	War of 1812	Mexican War
Original incremental, direct costs: [1]										
Current dollars	360,000	140,600	50,000	32,700	2,300	1,000	270	100–140	87	82
Constant (1967) dollars	816,300	148,800	69,300	100,000	8,500	3,700	1,100	400–680	170	300
Percent 1 year's GNP	188	14	15	43	74	123	2	104	14	4
Service-connected veterans' benefits [2]	69,634	15,497	12,447	14,098	3,289	–	2,111	28	20	26
Interest, pmts. on war loans [3]	220,000	(5)	(5)	11,000	1,200	(5)	60	20	14	10
Current cost to 1983 [4]	649,600	156,100	62,400	57,800	6,800	(5)	2,441	170	120	120

– Represents zero. [1] Figures are rounded and taken from Claudia D. Goldin, *Encyclopedia of American Economic History,* p. 938. [2] Total cost to Oct. 1, 1982. For World War I and later wars, benefits are actual service-connected figures from 1981 *Annual Report* of Veterans Administration. For earlier wars, service-connected veterans' benefits are estimated at 40 percent of total, the approximate ratio of service-connected to total benefits since World War I. [3] Total cost to 1983. Interest payments are a very rough approximation based on the percentage of the original costs of each war financed by money creation and debt, the difference between the level of public debt at the beginning of the war and at its end, and the approximate time required to pay off the war debts. [4] Figures are rounded estimates. [5] Unknown.

Source: Originally presented in U.S. Congress, Joint Economic Committee, *The Military Budget and National Economic Priorities,* Part 1, 91st Congress, 1st session (statement of James L. Clayton); subsequently revised and updated by James L. Clayton, University of Utah, Salt Lake City, Utah.

NO. 555. SUMMARY OF MAJOR MILITARY FORCES: 1960 TO 1982

[As of June 30 except, beginning 1978, as of Sept. 30]

DESCRIPTION	1960	1965	1970	1975	1978	1979	1980	1981	1982
Department of the Army:									
Divisions	14	16	16	14	16	16	16	16	16
Maneuver battalions	(NA)	176	191	148	166	167	168	168	169
Air defense battalions/batteries	268	227	195	147	157	161	154	150	133
Special forces groups	–	7	6	3	4	3	3	3	3
Total aircraft	5,564	7,142	12,166	9,517	8,687	8,625	8,731	8,846	8,893
Department of the Navy:									
Ship operating force	900	1,020	847	577	531	532	538	550	569
Active fleet	812	936	769	496	464	468	473	482	503
Auxiliaries and sealift [1]	–	2	5	18	10	10	15	22	22
Naval reserve force	88	82	73	63	57	54	50	45	44
Tactical air squadrons [1]	104	113	88	79	65	61	61	60	60
Antisubmarine air squadrons [2]	29	31	20	18	22	21	22	22	22
Marine divisions	3	3	3	3	3	3	3	3	3
Marine aircraft combat squadrons:									
Fixed-wing squadrons	37	36	32	31	30	30	30	30	30
Rotary-wing squadrons	12	16	21	19	19	20	24	25	26
Total aircraft	11,272	9,725	8,646	7,035	6,359	6,050	6,050	5,983	5,916
Department of the Air Force:									
ICBM launchers	5	854	1,054	1,054	1,054	1,054	1,054	1,053	1,053
Selected aircraft squadrons	280	219	181	126	130	129	125	127	127
Strategic	142	65	33	28	26	26	26	26	26
Air defense	65	39	17	7	6	6	6	5	5
Tactical (excluding air-lift)	73	115	131	91	98	97	93	96	97
Total aircraft	21,283	16,487	14,983	10,736	10,022	10,062	10,116	10,161	10,193
Active	18,351	14,668	13,545	9,336	9,138	8,959	9,068	9,180	9,315

– Represents zero. NA Not available. [1] Includes Special Mission. [2] Does not include patrol squadrons.

Source: U.S. Dept. of Defense, releases and unpublished data.

NO. 556. ESTIMATED U.S. STRATEGIC NUCLEAR FORCES: 1983

[Present force; estimated as of **May 1983.** U.S. strategic nuclear forces consist of three parts: Land-based intercontinental ballistic missiles (ICBM's), long-range bombers, and submarine-launched ballistic missiles (SLBM's). Together these three parts are known as the TRIAD]

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons [1]	Total megatons	Equivalent megatons [2]	Availability [3]	Circular error probable [4] (feet)
Total	**1,884**	(X)	**9,439**	(X)	**2,850**	**3,442**	(X)	(X)
ICBMs, total	**1,043**	(X)	**2,143**	(X)	**1,356**	**1,286**	(X)	(X)
Minuteman II	450	1	450	1.2	540	493	.95	2,040
Minuteman III	550	3	1,650	.17/.335	429	664	.95	720
Titan II	43	1	43	.9	387	129	.85	4,800
SLBM's, total	**544**	(X)	**4,960**	(X)	**314**	**770**	(X)	(X)
Trident (C-4)	48	8	384	.1	38	83	.7	1,500
Poseidon (C-3)	304	10	3,040	.04	122	356	.62	1,500
Poseidon (c-4)	192	8	1,536	.1	154	331	.62	1,500
Bombers, total	**297**	(X)	**2,336**	(X)	**1,180**	**1,386**	(X)	(X)
B-52 G/H	195	4 bombs	780	1.0	780	780	.3	600
		4 SRAM [5]	780	.2	156	267	.3	1,200
B-52 G (cruise missile)	46	12	552	.2	110	189	.3	300
FB-111 [6]	56	2 bombs	112	1.0	112	112	.3	600
		2 SRAM [5]	112	.2	22	38	.3	1,200

X Not applicable. [1] A megaton is the yield of a nuclear weapon equivalent to 1 million tons of TNT. [2] A commonly used measure of the urban area destructive power of a nuclear weapon that accounts for the fact that area destructive power does not increase proportionately with increases in yield. [3] Estimated for on-line weapons in peacetime alert. [4] A measure of the delivery accuracy of a weapon system. It is the radius of a circle around the target at which a missile is aimed within which the warhead has a .5 probability of falling. [5] Short-Range Attack Missile: An air-to-surface missile carried by U.S. FB-111 and B-52 bombers. [6] Medium bombers procured in small numbers in the late 1960s to supplement the B-52 force. Although capable of supersonic low-level flight, the aircraft's small range and payload limits its effectiveness.

Source: The Congress of the United States, Congressional Budget Office, *Modernizing U.S. Strategic Offensive Forces: The Administration's Program and Alternatives,* May 1983.

No. 557. Department of Defense—Active Duty Military Personnel: 1940 to 1983

[Through **1976**, as of **June 30**; beginning **1977**, as of **Sept. 30**]

YEAR	Total service (1,000)	Rate per 1,000 population [1]	YEAR	Total service (1,000)	Rate per 1,000 population [1]	YEAR	Total service (1,000)	Rate per 1,000 population [1]
1940	458	3.5	1955	2,935	17.7	1970	3,066	14.9
1941	1,801	13.5	1956	2,806	16.6	1971	2,715	13.1
1942	3,859	28.5	1957	2,796	16.3	1972	2,323	11.1
1943	9,045	65.9	1958	2,601	14.9	1973	2,253	10.6
1944	11,452	82.4	1959	2,504	14.1	1974	2,162	10.1
1945	12,123	86.3	1960	2,476	13.7	1975	2,128	9.9
1946	3,030	21.4	1961	2,484	13.5	1976	2,082	9.6
1947	1,583	10.9	1962	2,808	15.0	1977	2,075	9.4
1948	1,446	9.8	1963	2,700	14.3	1978	2,062	9.3
1949	1,615	10.8	1964	2,687	14.0	1979	2,027	9.0
1950	1,460	9.6	1965	2,655	13.7	1980	2,051	9.0
1951	3,249	21.0	1966	3,094	15.7	1981	2,083	9.1
1952	3,636	23.1	1967	3,377	17.0	1982	2,109	9.1
1953	3,555	22.2	1968	3,548	17.7	1983	2,123	9.1
1954	3,302	20.3	1969	3,460	17.1			

[1] Based on Bureau of the Census estimated total population (including Armed Forces abroad) as of July 1.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

No. 558. Department of Defense Personnel, Payroll, and Military Retirees: 1950 to 1983

[Through **1976**, personnel as of **June 30** and payroll for years ending **June 30**; beginning **1977**, personnel as of **Sept. 30** and payroll for years ending **Sept. 30**. Excludes "indirect hire" civilians, i.e., foreign nationals under special agreement by Defense Department with foreign country. See *Historical Statistics, Colonial Times to 1970*, series Y 904–916, for similar but not comparable personnel data]

YEAR	PERSONNEL (1,000)				PAYROLL (bil. dol.)				MILITARY RETIREES	
	Total	Active duty, military		Direct hire civilian	Total	Active duty, military [1]		Direct hire civilian [2]	Number (1,000)	Pension payments (bil. dol.)
		Total	Percent			Total	Percent			
1950	2,213	1,460	66.0	753	8.2	5.3	64.6	2.9	132	(NA)
1955	4,122	2,935	71.2	1,187	13.8	9.1	65.9	4.7	180	(NA)
1960	3,524	2,476	70.3	1,047	15.1	9.3	61.6	5.8	256	(NA)
1965	3,689	2,655	72.0	1,034	18.5	11.4	61.6	7.1	481	(NA)
1970	4,260	3,066	72.0	1,194	30.7	19.4	63.2	11.3	773	2.5
1974	3,233	2,162	66.9	1,071	32.7	19.9	60.9	12.8	1,012	4.9
1975	3,170	2,128	67.1	1,042	34.0	20.2	59.4	13.8	1,073	6.1
1976	3,092	2,082	67.3	1,010	35.0	20.4	58.3	14.6	1,132	7.3
1977	3,057	2,075	67.9	982	36.8	21.0	57.1	15.8	1,200	8.2
1978	3,043	2,062	67.8	980	38.6	21.0	54.4	17.6	1,280	9.0
1979	2,988	2,027	67.8	960	40.9	22.7	55.5	18.2	1,286	10.3
1980	3,011	2,051	68.1	960	42.8	24.2	56.5	18.6	1,330	11.9
1981	3,067	2,083	67.9	984	48.1	28.1	58.4	20.0	1,363	13.7
1982	3,099	2,109	68.1	990	54.7	32.9	60.1	21.8	1,391	14.9
1983	3,150	2,123	67.4	1,026	(NA)	(NA)	(NA)	(NA)	1,419	15.9

NA Not available. [1] Excludes troop subsistence, transportation, movement of personnel, etc. [2] Excludes benefits, etc.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, monthly.

No. 559. Department of Defense Personnel, by Service: 1970 to 1983

[**In thousands.** As of **Dec. 31.** See headnote, table 558. See *Historical Statistics, Colonial Times to 1970*, series Y 904–916, for similar but not comparable data]

BRANCH OF SERVICE	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total [1]	**4,026**	**3,428**	**3,228**	**3,183**	**3,112**	**3,067**	**3,044**	**3,019**	**2,987**	**3,024**	**3,067**	**3,098**	**3,150**
Army	1,664	1,261	1,148	1,145	1,140	1,133	1,122	1,107	1,108	1,120	1,136	1,137	1,115
Military	1,234	862	782	773	767	775	771	757	760	772	781	780	780
Civilian	430	399	366	372	373	358	351	350	348	347	354	357	336
Air Force	1,056	981	942	898	860	827	816	807	790	793	805	820	833
Military	759	707	674	625	599	580	572	567	557	560	570	583	592
Civilian	297	274	268	273	261	247	244	240	233	234	235	237	241
Navy [2]	1,242	1,117	1,065	1,066	1,040	1,029	1,028	1,028	1,013	1,033	1,046	1,060	1,085
Military	882	777	746	742	718	717	717	717	704	719	731	746	752
Civilian	360	340	319	324	322	312	311	311	309	315	315	314	334

[1] Includes personnel assigned to Office of Secretary of Defense, Organization of Joint Chiefs of Staff, Army Corps of Engineers Civil Functions, and other defense activities, not shown separately. [2] Includes Marine Corps.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, monthly.

No. 560. Military Personnel on Active Duty, by Service: 1960 to 1984

[**In thousands.** As of **June 30** except, beginning **1977**, as of **Sept. 30.** Includes National Guard, Reserve, and retired regular personnel on extended or continuous active duty. Excludes Coast Guard. Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates are included under enlisted personnel. See also *Historical Statistics, Colonial Times to 1970*, series Y 904–916]

BRANCH OF SERVICE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, est.
Total	**2,476**	**2,653**	**3,066**	**2,127**	**2,081**	**2,074**	**2,061**	**2,024**	**2,050**	**2,082**	**2,109**	**2,123**	**2,136**
Percent officers	12.8	12.7	13.1	13.7	13.5	13.3	13.2	13.5	13.5	13.7	13.8	14.1	14.2
Army	873	968	1,322	784	779	782	771	758	777	781	780	780	780
Officers	101	112	166	103	98	97	97	97	98	101	103	106	108
Enlisted	772	857	1,156	681	681	685	674	661	679	680	677	674	672
Navy	618	671	692	535	524	530	530	522	527	540	553	558	565
Officers	70	78	81	65	64	63	62	62	63	65	67	68	68
Enlisted	548	593	612	470	461	467	468	460	464	475	486	490	497
Marine Corps	171	190	260	196	192	192	191	185	188	191	193	194	197
Officers	16	17	25	19	19	19	18	18	18	18	19	20	20
Enlisted	154	173	235	177	174	173	173	167	170	172	174	174	177
Air Force	815	824	791	612	585	570	569	559	558	570	583	592	595
Officers	130	131	130	105	100	96	95	96	98	99	102	105	107
Enlisted	685	692	662	507	486	474	474	463	460	471	481	487	488

Source: U.S. Dept. of Defense, semiannual reports and unpublished data.

No. 561. Active Duty Forces, by Sex, Race, and Hispanic Origin: 1980 to 1983

[**In thousands.** As of **Sept. 30.** Officers include warrant officers]

ITEM	1980	1981	1982	1983	ITEM	1980	1981	1982	1983
Total	**2,036.7**	**2,068.9**	**2,096.4**	**2,112.1**	**Females**	**170.2**	**183.6**	**188.5**	**197.8**
Males	**1,866.4**	**1,885.3**	**1,908.1**	**1,914.3**	Officers [1]	21.4	23.2	25.3	27.4
Officers [1]	256.5	262.1	267.1	272.2	White	18.0	19.4	20.9	22.4
White	234.0	238.5	237.5	240.1	Black	2.0	2.4	2.8	3.3
Black	11.8	12.8	13.7	14.5	Hispanic origin [2]	.3	.3	.4	.5
Hispanic origin [2]	2.9	3.2	3.5	3.8	Enlisted [1]	148.8	160.2	163.2	170.4
Enlisted [1]	1,609.9	1,623.2	1,641.0	1,642.1	White	100.6	106.0	106.7	111.3
White	1,124.7	1,133.2	1,094.8	1,108.5	Black	38.8	44.0	45.9	48.3
Black	347.0	350.8	351.7	339.2	Hispanic origin [2]	4.5	5.1	5.2	5.4
Hispanic origin [2]	66.0	67.3	67.6	67.0					

[1] Includes other races not shown separately. [2] Persons of Hispanic origin may be of any race.

Source: U.S. Dept. of Defense, Office of the Deputy Assistant Secretary of Defense (Equal Opportunity and Safety Policy), unpublished data.

No. 562. Military Personnel on Active Duty, by Location: 1965 to 1983

[**In thousands. 1965–1975** as of **Dec. 31**; thereafter as of **Sept. 30.** Shore-based includes Navy personnel temporarily on shore]

YEAR	TOTAL		UNITED STATES [2]		FOREIGN COUNTRIES		YEAR	TOTAL		UNITED STATES [2]		FOREIGN COUNTRIES	
	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]		Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]
1965	2,517	340	1,789	215	728	125	1976	1,867	217	1,479	147	387	69
1969	3,008	290	2,012	197	996	92	1977	1,854	221	1,460	155	394	66
1970	2,627	247	1,807	180	820	67	1978	1,834	228	1,427	164	408	64
1971	2,290	229	1,677	169	613	60	1979	1,824	204	1,415	154	408	50
1972	2,109	239	1,618	134	491	105	1980	1,840	211	1,411	151	429	59
1973	1,982	220	1,544	165	438	55	1981	1,869	214	1,438	143	431	71
1974	1,929	211	1,508	152	421	59	1982	1,880	229	1,432	148	448	80
1975	1,884	200	1,480	150	405	50	1983	1,889	234	1,439	165	450	69

[1] Includes Marine Corps. [2] Includes outlying areas. [3] Includes personnel in the Panama Canal Zone who were previously reported in the United States total.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data.

No. 563. Coast Guard Personnel on Active Duty: 1960 to 1983

[As of **June 30** except, beginning **1978**, as of **Sept. 30**]

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1960	30,616	4,020	405	26,191	1979	38,559	6,340	806	31,413
1965	31,776	4,476	440	26,860	1980	39,381	6,483	877	32,041
1970	37,689	5,512	653	31,524	1981	39,760	6,519	981	32,260
1975	36,788	5,630	1,177	29,981	1982	38,248	6,431	902	30,915
1978	37,734	6,115	881	30,738	1983	39,708	6,535	811	32,362

Source: 1960 and 1965, U.S. Dept. of the Treasury, *Annual Report of the Secretary of the Treasury on the State of the Finances;* thereafter, U.S. Dept. of Transportation, *Annual Report of the Secretary of Transportation.*

No. 564. U.S. Military Personnel Abroad or Afloat, by Country: 1975 to 1983

[*In thousands.* 1975, as of **June 30**; thereafter, as of **Sept. 30**, except as noted. Data are unclassified approximations]

COUNTRY	1975	1979	1980	1981	1982	1983	COUNTRY	1975	1979	1980	1981	1982	1983
Outside U.S. [1]	**517**	**481**	**502**	**502**	**528**	**520**							
Europe [2]	314	325	332	337	356	342	Asia and Pacific	156	122	115	125	139	137
Germany, F.R.	220	239	244	248	256	254	Japan [3]	48	46	46	46	51	49
Greece	4	3	4	3	4	4	Philippines	15	14	13	15	14	15
Iceland	3	3	3	3	3	3	South Korea	42	39	39	38	39	39
Italy	12	12	12	12	13	14	China (Taiwan)	4	(Z)	–	–	–	–
Spain	9	9	9	9	9	9	Thailand	20	(Z)	(Z)	(Z)	(Z)	(Z)
Turkey	7	5	5	5	5	5	Afloat	28	22	16	25	33	34
United Kingdom	*21*	*23*	*24*	*25*	*26*	*28*	U.S. outlying areas [4]	25	22	13	13	13	13
Other countries	7	6	7	7	7	7	Troop dependents [5]	365	383	369	347	368	386
Afloat	30	25	22	25	33	18							

– Represents zero. Z Fewer than 500. [1] Includes troops in countries not shown. [2] Western Europe and related areas. [3] Includes Okinawa. [4] Primarily Guam, Panama Canal Zone, Puerto Rico, and Midway Islands. [5] Dependent data as of Sept. 30.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data.

No. 565. Vietnam Conflict—U.S. Military Forces in Vietnam, and Casualties: 1959 to 1983

[Military forces as of **Dec. 31**. All U.S. forces withdrawn by Jan. 27, 1973]

ITEM	Unit	1959–1983, total	1959–1964	1965	1966	1967	1968	1969	1970	1971	1972	1973–1983
Military forces	1,000	(X)	[1] **23.3**	**184.3**	**385.3**	**485.6**	**536.1**	**475.2**	**234.6**	**156.8**	**24.2**	–
Battle deaths [2]	Number	**47,318**	**269**	**1,426**	**5,036**	**9,461**	**14,616**	**9,413**	**4,228**	**1,373**	**359**	**1,137**
Killed	Number	38,479	187	1,118	4,131	7,524	12,618	8,107	3,486	1,079	204	25
Died of wounds	Number	*5,187*	*10*	*111*	*579*	*978*	*1,597*	*1,165*	*553*	*160*	*27*	*7*
Died while missing [3]	Number	3,652	72	197	326	959	401	141	189	134	128	1,105
Wounded, nonfatal: [2]												
Hospital care	1,000	153.3	.8	3.3	16.5	32.4	46.8	32.9	15.2	4.8	.6	(Z)
No hospital care	1,000	150.3	.8	2.8	13.6	29.7	46.0	37.3	15.4	4.2	.6	(Z)

– Represents zero. X Not applicable. Z Fewer than 50. [1] For 1964 only. [2] Casualties from enemy action. Deaths exclude 10,449 servicemen who died in accidents or from disease. [3] Includes servicemen who died while captured.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data; beginning 1981, National Archives and Records Service, "Combat Area Casualty File," (3-330-80-3).

No. 566. Armed Forces Personnel—Summary of Major Conflicts

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See table 565 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 856-903]

ITEM	Unit	Civil War [1]	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving	1,000	2,213	307	4,744	[2] 16,354	[3] 5,764	[4] 8,811
Army	1,000	2,129	[5] 281	4,057	11,260	2,834	4,368
Navy	1,000	84	23	599	4,183	1,177	1,842
Marines	1,000		3	79	669	424	794
Air Force [6]	1,000	(X)	(X)	([7])	([7])	1,285	1,740
Coast Guard [8]	1,000	(X)	(X)	9	241	44	67
Average duration of service	Months	20	8	12	33	19	23
Officers	Months	(NA)	8	14	39	24	(NA)
Enlisted	Months	(NA)	8	12	33	18	(NA)
Service abroad: Personnel serving	Percent	(NA)	[9] 29	53	73	[10] 56	(NA)
Average duration [11]	Months	(NA)	1.5	5.5	16.2	13.4	(NA)
Casualties: [12] Battle deaths	1,000	140	(Z)	53	292	34	[13] 47
Wounds not mortal	1,000	282	2	204	671	103	[13] 304
Draftees: Classified	1,000	777	(X)	24,234	36,677	9,123	[4] 75,717
Examined	1,000	522	(X)	3,764	17,955	3,685	[4] 8,611
Rejected	1,000	160	(X)	803	6,420	1,189	[4] 3,880
Inducted	1,000	46	(X)	2,820	10,022	1,560	[4] 1,759

NA Not available. X Not applicable. Z Fewer than 500. [1] Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. [2] Covers Dec. 1, 1941, to Dec. 31, 1946. [3] Covers June 25, 1950, to July 27, 1953. [4] Covers Aug. 4, 1964, to Jan. 27, 1973. [5] Covers Apr. 21 to Aug. 13, 1898. [6] Originally organized in 1907; Established as Air Force under Armed Services Unification Act of 1947. For World War I, known as Aviation Service and included in data for Army; for World War II, known as Army Air Forces and included in data for Army. [7] Included in Army. [8] Established Jan. 28, 1915. [9] Army and Marines only. [10] Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. [11] During hostilities only. [12] For periods covered, see footnotes 2, 3, 4, and 5. [13] Covers Jan. 1, 1961, to Jan. 27, 1973.

Source: The President's Commission on Veterans' Pensions, Veterans' Benefits in the United States, vol. I, 1956; and U.S. Dept. of Defense, unpublished data.

No. 567. Active Duty Military Personnel and Their Dependents: 1965 to 1983

[In thousands except as indicated. As of September 30. Excludes cadets]

BRANCH OF SERVICE	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Military personnel, total	2,710	2,970	2,092	2,071	2,061	2,049	2,014	2,037	2,069	2,095	2,110
Males	2,679	2,928	1,991	1,959	1,942	1,916	1,864	1,867	1,886	1,907	1,913
Dependents, total	3,814	4,095	2,980	3,009	2,936	2,868	2,879	2,827	2,558	2,691	2,757
Spouses	1,286	1,507	1,132	1,155	1,134	1,115	1,103	1,090	1,007	1,075	1,129
Children	2,375	2,328	1,747	1,761	1,699	1,654	1,646	1,601	1,476	1,547	1,561
Parents and all other	153	261	101	93	103	99	130	135	75	69	67
Number per military male	1.41	1.38	1.50	1.45	1.42	1.40	1.54	1.51	1.35	1.41	1.44
Army	1.18	1.32	1.54	1.55	1.53	1.55	1.85	1.84	1.44	1.55	1.57
Navy	1.15	1.12	1.26	1.21	1.19	1.14	1.16	1.11	1.12	1.16	1.23
Marine Corps	.97	.66	.93	.91	.89	.86	.87	.85	.88	.94	1.00
Air Force	2.00	1.95	1.86	1.72	1.68	1.62	1.73	1.69	1.65	1.63	1.64
Number per family unit	2.97	2.72	2.63	2.61	2.59	2.57	2.61	2.59	2.54	2.50	2.44
Army	2.89	2.86	2.75	2.74	2.76	2.75	2.88	2.89	2.97	2.80	2.67
Navy	2.78	2.54	2.54	2.53	2.46	2.43	2.40	2.34	2.34	2.32	2.31
Marine Corps	2.75	2.46	2.40	2.40	2.38	2.39	2.42	2.41	2.40	2.35	2.34
Air Force	3.16	2.93	2.62	2.54	2.51	2.48	2.45	2.41	2.37	2.34	2.31

Source: U.S. Department of Defense, *Selected Manpower Statistics*, annual.

No. 568. Military Personnel—Desertion and Absent-Without-Authority Rates: 1965 to 1983

[Rate per 1,000 average end-of-month strength. For years ending June 30 except, beginning 1977, ending Sept. 30]

YEAR	DESERTION RATE [1]					ABSENT-WITHOUT-AUTHORITY RATE [2]				
	Total	Army	Marine Corps	Navy	Air Force	Total	Army	Marine Corps	Navy	Air Force
1965	(NA)	15.7	18.8	6.7	.4	(NA)	50.1	(NA)	26.8	2.9
1969	24.3	42.4	40.2	7.3	.6	64.9	112.3	119.6	13.6	4.4
1970	33.6	52.3	59.6	9.9	.8	86.3	132.5	174.3	17.5	5.9
1971	42.0	73.5	56.2	11.1	1.5	104.3	176.9	166.6	19.0	9.4
1972	35.1	62.0	65.3	8.8	2.8	95.3	166.4	170.0	18.3	17.2
1973	29.8	52.1	63.2	13.6	2.2	93.2	159.2	234.3	21.7	16.1
1974	29.9	41.1	89.2	21.2	2.4	95.0	129.9	287.5	53.8	17.3
1975	26.3	26.0	105.0	22.4	1.9	86.6	95.4	300.9	73.0	13.0
1976	20.1	17.7	69.2	24.8	1.2	68.2	70.3	201.8	77.5	7.8
1977	19.1	16.7	47.0	31.6	.6	48.5	47.0	103.5	76.9	3.8
1978	16.0	15.4	39.9	30.4	.7	46.0	40.4	97.5	78.3	4.6
1979	18.5	18.1	37.9	29.6	1.1	46.2	38.0	86.7	83.4	5.9
1980	17.9	19.6	34.2	27.0	1.2	46.8	41.6	83.6	82.0	6.7
1981	14.7	15.9	28.8	21.8	1.0	42.3	36.0	73.9	77.9	5.2
1982	10.9	11.0	21.1	18.0	.6	34.3	27.3	65.4	63.6	3.7
1983	(NA)	7.1	16.2	12.9	.4	(NA)	19.6	52.4	48.8	2.5

NA Not available. [1] Absent without authority more than 30 days. [2] For 30 days or less.

No. 569. Discharges of Enlisted Personnel, by Type: 1965 to 1982

[For years ending June 30 except, beginning 1977, ending Sept. 30]

YEAR	Total discharges	Honorable [1 2]	General [1 3]	Other than honorable [1 4]	Bad conduct [5 6]	Dishonorable [6 7]	PERCENT OF TOTAL		
							Honorable	General	Other
1965	718,898	678,100	25,477	13,178	2,088	55	94.3	3.5	2.1
1966	740,044	706,761	20,883	10,544	1,784	72	95.5	2.8	1.7
1967	689,617	657,684	19,562	9,741	2,565	65	95.4	2.8	1.8
1968	869,877	836,990	18,260	11,707	2,886	34	96.2	2.1	1.7
1969	1,016,470	980,376	19,853	12,392	3,682	187	96.4	2.0	1.6
1970	1,136,140	1,081,556	29,334	20,911	3,964	375	95.2	2.6	2.2
1971	1,018,822	944,365	40,256	29,139	4,737	325	92.7	4.0	3.4
1972	890,557	804,470	45,219	36,345	4,167	356	90.3	5.1	4.6
1973	719,789	646,720	40,680	29,049	2,906	434	89.8	5.7	4.5
1974	688,179	609,580	45,960	29,336	2,988	315	88.6	6.7	4.7
1975	662,952	603,058	48,999	27,015	3,587	293	88.3	7.2	4.4
1976	630,194	542,674	53,135	30,721	3,435	229	86.1	8.4	5.5
1977	569,258	509,693	38,922	18,104	2,349	190	89.5	6.8	3.7
1978	493,585	446,870	29,678	15,054	1,823	160	90.5	6.0	3.5
1979	543,222	499,269	26,989	14,759	1,914	291	91.9	5.0	3.1
1980	541,558	499,950	23,541	15,553	2,242	272	92.3	4.4	3.3
1981	530,781	481,747	27,399	17,615	3,693	387	90.8	5.2	4.0
1982, prel	508,734	453,601	32,660	17,735	4,410	328	89.2	6.4	4.4

[1] Administrative discharge. [2] Based on proper military behavior and proficient performance of duty; honest and faithful service. [3] Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge. [4] Unsatisfactory service (misconduct, security or resignation/request for discharge). [5] Punitive, resulting from trial by court-martial. [6] Usually punishment for repeated convictions of minor offenses or less serious felony type offense. [7] Awarded after conviction of serious offenses usually recognized by civil law as felonies, or of military offenses requiring severe punishment.

Source of tables 568 and 569: U.S. Dept. of Defense, unpublished data.

No. 570. Enlisted Military Personnel Procurement: 1970 to 1983

[**In thousands, except percent.** For years ending **June 30** except, beginning **1980,** ending **Sept. 30**]

BRANCH OF SERVICE	1970	1975	1980	1983	BRANCH OF SERVICE	1970	1975	1980	1983
Total	**872**	**667**	**582**	**559**	**Navy**	**164**	**166**	**127**	[2]**112**
Inductions	207	–	–	–	First enlistments	100	90	75	64
First enlistments	423	415	356	302	Reenlistments	41	54	36	48
Percent—					**Marine Corps**	**87**	**71**	**58**	[2]**56**
Other than White [1]	11.6	18.1	26.3	(NA)	First enlistments	68	56	42	39
High school graduates	71.2	71.7	67.7	(NA)	Reenlistments	8	15	15	18
Reenlistments	213	228	204	236	**Air Force**	**148**	**147**	**132**	[2]**141**
Reserves to active duty	28	24	22	22	First enlistments	78	78	76	63
Army	**472**	**283**	**265**	[2]**229**	Reenlistments	70	68	56	78
First enlistments	177	191	163	135					
Reenlistments	93	91	97	94					

– Represents zero. NA Not available. [1] Black only, beginning 1975. [2] Excludes reserves.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual; and *Military Manpower Statistics,* monthly.

No. 571. Reserve Officers Training Corps (ROTC)—Enrollment: 1965 to 1983

[**In thousands.** For **May,** or **end of school year.** Jr. ROTC refers to enrollment in high schools, academies, junior colleges, and National Defense Cadet Corps schools; after 1965, includes Jr. ROTC in all service branches]

ITEM	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Senior ROTC	231	123	92	73	60	56	61	66	76	80	84	91	100	103	99
Junior ROTC	88	126	124	121	140	155	164	158	152	156	144	166	158	191	176

Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual; and *Military Manpower Statistics,* monthly.

No. 572. Military Personnel on Active Duty by Grade in Which Serving: 1980 to 1983

[**In thousands.** As of **Sept. 30**]

RANK/GRADE	1980	1981	1982	1983	RANK/GRADE	1980	1981	1982	1983
Total [1]	**2,050.6**	**2,082.6**	**2,108.6**	**2,123.3**	Chief Warrant—W-2	7.5	6.8	7.0	7.5
					Chief Warrant—W-3	4.6	5.3	5.7	5.8
Recruit—E-1	187.0	165.7	140.3	136.7	Chief Warrant—W-4	2.1	2.1	2.1	2.3
Private—E-2	174.1	157.4	145.9	143.5	2nd Lt.—O-1	41.3	39.0	37.8	38.5
Pvt. 1st class—E-3	312.4	346.2	381.6	378.7	1st Lt.—O-2	35.8	40.1	44.0	43.1
Corporal—E-4	396.3	408.2	408.6	407.3	Captain—O-3	85.8	90.0	92.6	98.3
					Major—O-4	49.2	49.7	50.6	51.5
Sergeant—E-5	322.0	330.1	336.5	347.0					
Staff Sgt.—E-6	205.4	209.5	218.6	222.1	Lt. Colonel—O-5	32.8	32.6	32.3	32.5
Sgt. 1st class—E-7	116.3	119.7	122.0	123.9	Colonel—O-6	13.9	14.3	14.2	14.5
Master Sgt.—E-8	33.4	34.2	36.4	38.1	Brig. General—O-7	.6	.5	.5	.5
Sgt. Major—E-9	12.8	13.0	13.8	14.0	Major General—O-8	.4	.4	.4	.4
Warrant Officer—W-1	3.3	4.1	3.8	3.7	Lt. General—O-9	.1	.1	.1	.1
					General—O-10	(Z)	(Z)	(Z)	(Z)

Z Less than 50. [1] Includes cadets and midshipmen.

Source: U.S. Dept. of Defense, Office of the Comptroller, *Selected Manpower Statistics,* annual.

No. 573. Monthly (October) Rates of Military Basic Pay: 1980 to 1984

PAY GRADE AND YEARS OF SERVICE [1]	1980	1981	1982	1984 [2]	PAY GRADE AND YEARS OF SERVICE [1]	1980	1981	1982	1984 [2]
Recruit [3]—E-1 (0-2)	$501	$551	$574	$574	2d Lt.—O-1 (0-2)	$924	$1,057	$1,099	$1,143
Private—E-2 (0-2)	559	618	643	669	1st Lt.—O-2 (2-3)	1,163	1,329	1,382	1,438
Pvt. 1st class—E-3 (0-2)	580	643	668	695	Captain—O-3 (6-8)	1,692	1,934	2,012	2,092
Corporal—E-4 (2-3)	638	720	749	779	Major—O-4 (14-16)	2,142	2,448	2,546	2,648
Sergeant—E-5 (4-6)	748	871	906	942	Lt. Colonel—O-5 (20-22)	2,655	3,034	3,156	3,282
Staff Sgt.—E-6 (12-14)	992	1,192	1,202	1,250	Colonel—O-6 (26-30)	3,368	3,849	4,003	4,163
Sgt. 1st Class—E-7 (18-20)	1,204	1,408	1,456	1,523	Brig. General—O-7 (26-30)	3,832	[4] 4,176	4,556	4,738
Master Sgt.—E-8 (20-22)	1,382	1,616	1,681	1,748	Maj General—O-8 (26-30)	[4] 4,176	[4] 4,176	[4] 4,791	5,450
Sgt. Major—E-9 (22-26)	1,659	1,941	2,019	2,100	Lt. General—O-9 (26-30)	[4] 4,176	[4] 4,176	[4] 4,791	[5]5,500
Warrant Officer—W-1 (10-12)	1,163	1,329	1,382	1,438	General—O-10 (26-30)	[4] 4,176	[4] 4,176	[4] 4,791	[5]5,500
Chief Warrant—W-4 (26-30)	2,125	2,429	2,526	2,627					

[1] Longevity pay step of typical military member. [2] Pay adjustment delayed until January 1984.
[3] Under 4 months of service. [4] Statutory limitation.

Source: U.S. Dept. of Defense, Office of the Comptroller, unpublished data.

No. 574. Average Annual Military Compensation Rates: 1975 to 1984

[**In thousands of dollars. 1975,** as of **June 30,** thereafter, as of **Sept. 30.** Covers all branches of the military service. Based on weighted averages. See also *Historical Statistics, Colonial Times to 1970,* series D 921-926 and Y 898-903]

ITEM	BASIC PAY							BASIC PAY PLUS ENTITLEMENTS [1]						
	1975	1979	1980	1981	1982	1983	1984, est.	1975	1979	1980	1981	1982	1983	1984, est.
Current dollars:														
All personnel [2]	7.3	8.9	9.6	10.7	12.3	12.9	13.4	9.5	11.6	13.1	14.3	16.7	17.5	18.2
Officers	14.8	18.4	19.6	21.8	24.9	25.9	26.8	18.8	23.5	25.0	28.5	31.3	33.5	34.6
Enlisted	6.0	7.5	8.0	8.9	10.2	10.7	11.2	8.0	9.7	11.2	12.0	14.3	14.8	15.5
Constant (1972) dollars:														
All personnel [2]	5.7	5.5	5.6	5.3	5.4	5.4	5.5	7.5	7.2	7.6	7.1	7.4	7.4	7.5
Officers	11.6	11.4	11.3	10.9	10.9	10.9	11.0	14.8	14.7	14.6	14.2	13.8	14.2	14.3
Enlisted	4.7	4.7	4.6	4.4	4.5	4.5	4.6	6.3	6.0	6.5	6.0	6.3	6.3	6.4

[1] Not strictly comparable, year to year, due to changes in entitlements. [2] Excludes pay of Officer Candidates.

Source: U.S. Dept. of Defense, unpublished data.

No. 575. Military Reserve Personnel: 1965 to 1983

[**In thousands.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives its explicit approval. The retired reserve represents a low potential for mobilization]

RESERVE STATUS AND BRANCH OF SERVICE	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total reserves	**2,577**	**3,639**	**3,065**	**2,656**	**2,419**	**2,249**	**2,118**	**2,109**	**2,169**	**2,267**	**2,250**	**2,295**
Ready reserve	1,802	2,574	1,856	1,529	1,308	1,183	1,144	1,203	1,263	1,317	1,359	1,419
Standby reserve	472	492	496	412	340	274	183	103	86	65	52	44
Retired reserve	303	573	713	715	771	792	791	803	821	885	839	832
Army	1,515	2,221	1,878	1,631	1,389	1,243	1,178	1,173	1,218	1,337	1,360	1,408
Army National Guard	386	410	412	403	377	365	350	350	374	400	419	427
Army Reserve	1,129	1,811	1,466	1,228	1,012	878	828	823	844	937	941	981
Navy	602	808	640	521	489	476	435	427	438	436	415	423
Naval Reserve	463	574	457	387	373	367	337	327	336	337	321	325
Marine Corps Reserve	134	234	183	134	116	109	98	100	102	99	94	98
Air Force	460	610	547	504	541	530	506	509	514	494	476	463
Air National Guard	76	90	94	96	91	92	92	94	97	98	101	102
Air Force Reserve	384	520	453	408	450	438	414	415	417	396	375	361

Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual, and *Military Manpower Statistics,* monthly.

No. 576. Military Reserve Costs: 1970 to 1983

[**In millions of dollars. 1970 and 1975** as of **June 30;** beginning **1977,** as of **Sept. 30.** Army and Air Force data include National Guard]

TYPE OF COST	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total	**2,547**	**4,789**	**5,890**	**6,881**	**7,049**	**7,877**	**9,870**	**10,370**	**12,073**
Operations and maintenance	994	2,092	2,532	2,718	2,951	3,526	4,164	4,716	5,137
Personnel	1,083	1,679	1,784	1,932	2,031	2,359	3,012	3,776	4,633
Procurement	187	518	1,041	1,689	1,506	1,463	1,955	1,008	1,627
Active-duty support	234	324	335	365	389	408	506	556	386
Construction	49	176	198	176	172	122	233	314	291

Source: U.S. Dept. of Defense, *Five-Year Defense Plan,* internal record.

No. 577. National Guard—Summary: 1965 to 1983

[As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes Puerto Rico]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Army National Guard: Units	**Number**	**3,999**	**3,052**	**3,245**	**3,297**	**3,355**	**3,368**	**3,379**	**3,359**	**3,482**	**3,429**
Personnel [1]	1,000	386	410	403	364	347	347	368	391	409	418
Funds obligated [2]	Mil. dol	464	752	1,322	1,514	1,596	1,654	1,802	2,189	2,708	2,942
Value of equipment	Mil. dol	1,478	1,600	4,100	4,100	4,723	7,600	7,600	8,100	8,600	13,100
Air National Guard: Units	**Number**	**728**	**958**	**1,106**	**1,020**	**1,020**	**1,020**	**1,054**	**1,054**	**1,060**	**1,065**
Personnel [1]	1,000	76	90	96	91	92	93	97	98	101	102
Funds obligated [2]	Mil. dol	321	467	890	1,044	1,104	1,250	1,678	1,957	2,268	2,478
Value of equipment (est.)	Mil. dol	(NA)	(NA)	3,100	3,970	4,087	4,800	5,200	6,000	5,900	6,300

NA Not available. [1] Officers and enlisted men. [2] Federal funds; includes personnel, operations, maintenance, and military construction.

Source: National Guard Bureau, *Annual Review of the Chief, National Guard Bureau,* and unpublished data.

No. 578. Living Veterans—States and Other Areas: 1950 to 1983

[**Estimates in thousands. 1950–1970,** as of **June 30;** thereafter, as of **Sept. 30.** 1983 data were developed from benchmark veteran population statistics as of **April 1, 1980,** based on 1980 Census of Population data on veteran's place of residence, extended to **Sept. 30, 1982,** on the basis of 1975–1980 veteran interstate migration statistics from the 1980 census; not directly comparable with earlier estimates previously published by the VA]

Year and state or other area	Total veterans [1]	War veterans							Service between Korea and Vietnam only [6]	Post-Vietnam era [7]
		Total [2]	World War I	World War II [3]	Korean conflict [4]		Vietnam era [5]			
					Total [3]	No service in World War II	Total	No service in Korean conflict		
1950	19,023	19,023	3,518	15,386	(x)	(x)	(x)	(x)	(x)	(x)
1960	23,811	22,431	2,673	15,202	5,482	4,520	(x)	(x)	1,380	(x)
1970	27,647	24,522	1,536	14,456	5,867	4,605	4,173	3,918	3,125	(x)
1980	28,652	23,977	463	11,728	5,436	4,332	8,119	7,454	3,086	469
1981	28,563	23,716	404	11,491	5,393	4,308	8,175	7,513	3,076	452
1982	28,399	23,421	348	11,241	5,346	4,280	8,210	7,551	3,064	435
1983, total	**28,202**	**23,109**	**297**	**10,978**	**5,294**	**4,249**	**8,238**	**7,584**	**3,051**	**1,623**
U.S.	**28,074**	**23,007**	**296**	**10,946**	**5,256**	**4,216**	**8,201**	**7,549**	**3,039**	**1,611**
Alabama	436	352	4	163	90	71	129	114	46	31
Alaska	50	39	(z)	11	9	7	23	21	6	4
Arizona	384	317	4	155	73	53	120	105	38	25
Arkansas	271	221	4	110	50	38	78	69	28	17
California	2,985	2,453	30	1,146	607	446	921	831	316	166
Colorado	400	325	3	129	79	60	149	133	45	26
Connecticut	411	340	4	172	78	65	103	98	47	19
Delaware	*1977*	*63*	*1*	*31*	*14*	*12*	*22*	*20*	*8*	*5*
District of Columbia	64	53	1	27	13	10	17	15	6	5
Florida	1,398	1,172	23	646	273	184	381	318	121	77
Georgia	632	509	4	217	125	95	218	193	68	45
Hawaii	98	79	1	33	21	16	35	30	10	7
Idaho	122	99	1	43	21	18	40	37	14	7
Illinois	1,336	1,097	14	531	236	206	357	346	153	69
Indiana	677	548	7	*250*	*121*	*105*	*193*	*186*	*78*	*42*
Iowa	352	293	6	132	64	57	102	99	37	18
Kansas	298	247	5	116	54	44	88	81	31	16
Kentucky	404	331	4	155	73	62	118	110	43	23
Louisiana	451	364	4	167	80	64	141	130	48	32
Maine	153	126	2	59	29	23	46	42	16	9
Maryland	541	441	4	204	111	84	165	149	61	31
Massachusetts	714	592	9	312	132	109	172	163	78	35
Michigan	1,112	906	10	413	191	169	322	313	126	65
Minnesota	522	426	8	184	93	81	158	154	63	28
Mississippi	244	198	3	100	49	38	66	58	25	17
Missouri	645	530	8	249	122	101	184	172	69	38
Montana	108	88	1	38	18	15	35	33	13	6
Nebraska	190	156	3	69	37	31	57	53	21	11
Nevada	138	112	1	50	29	22	46	40	17	7
New Hampshire	138	113	1	51	26	21	44	40	16	8
New Jersey	919	758	9	400	172	146	214	202	105	41
New Mexico	162	132	1	59	31	23	55	48	16	12
New York	1,932	1,589	22	834	340	300	445	432	211	101
North Carolina	658	538	5	249	127	103	203	182	68	41
North Dakota	69	55	1	23	12	11	22	21	8	4
Ohio	1,377	1,125	13	541	237	206	380	365	152	81
Oklahoma	397	327	5	150	75	57	127	115	41	23
Oregon	401	329	5	144	65	52	135	126	44	23
Pennsylvania	1,586	1,310	16	684	278	236	390	374	176	77
Rhode Island	126	105	2	56	24	19	33	30	12	6
South Carolina	350	283	2	128	70	53	116	100	36	25
South Dakota	80	65	2	29	16	14	22	21	9	5
Tennessee	543	442	5	201	99	81	168	154	58	34
Texas	1,732	1,408	15	627	329	250	580	517	184	114
Utah	155	128	2	55	28	23	51	48	17	8
Vermont	64	52	1	23	12	10	19	18	8	4
Virginia	661	544	5	245	146	103	228	191	67	39
Washington	629	513	6	215	122	89	227	203	71	36
West Virginia	242	199	3	96	42	35	71	66	26	13
Wisconsin	572	461	8	208	100	88	162	157	73	31
Wyoming	67	55	1	19	11	10	26	25	8	4
Puerto Rico	127	102	1	32	37	34	37	35	12	12

X Not applicable. Z Fewer than 500. [1] Beginning 1980, includes other peace-time, not shown separately. [2] Includes less than 100 living Spanish American War veterans not shown separately. [3] See footnote 1, table 579. [4] June 27, 1950 to Jan. 31, 1955. [5] Aug. 5, 1964, to May 7, 1975. [6] Feb. 1, 1955, to Aug. 4, 1964. [7] Service after May 7, 1975 only.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

NO. 579. LIVING VETERANS, BY AGE AND PERIOD OF SERVICE: 1983

[In thousands, except as indicated. As of **Sept. 30.** Estimated. Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970,* series Y 943-956, for all veterans]

AGE IN 1982	Total veterans	World War I	World War II [1]	KOREA			Peacetime service between Korea and Vietnam only	VIETNAM [2]			Post-Vietnam era peacetime	Other peacetime [3]
				Total	Only in Korea	Also in WW II		Total	Only in Vietnam	Also in Korea		
Total	**28,202**	**297**	**10,978**	**5,294**	**4,249**	**1,044**	**3,051**	**8,238**	**7,584**	**653**	**1,623**	**419**
18-24 years	529	-	-	-	-	-	-	12	12	-	518	-
25-29 years	1,483	-	-	-	-	-	-	682	682	-	801	-
30-34 years	2,358	-	-	-	-	-	3	2,143	2,143	-	212	-
35-39 years	3,411	-	-	-	-	-	147	3,218	3,218	-	46	-
40-44 years	2,497	-	-	15	15	-	1,246	1,213	1,212	1	24	-
45-49 years	2,653	-	-	970	970	-	1,401	360	245	115	15	21
50-59 years	7,314	-	3,649	3,695	3,198	497	241	445	65	380	6	153
60 years and over	7,957	297	7,328	614	67	547	13	162	6	156	-	244
Median age (yr.)	51.8	87.4	62.3	52.9	52.0	60.4	54.4	36.7	36.3	54.5	26.4	64.9

- Represents zero. [1] Includes 1,083,000 who served in both WW II and Korean conflict. [2] Aug. 5, 1964, to May 7, 1975. [3] Includes those who served only between World War I and World War II and those who served only between World II and The Korean Conflict.

NO. 580. DISABLED VETERANS RECEIVING COMPENSATION: 1950 TO 1983

[In thousands, except as indicated. As of **June 30** except, beginning **1976,** as of **Sept. 30.** Represents veterans receiving compensation for service-connected disabilities. Totally disabled refers to veterans with any disability, mental or physical, deemed to be total and permanent which prevents the individual from maintaining a livelihood and are rated for disability at 100 percent]

MILITARY SERVICE	1950	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Disabled, all wars [1]	**1,990**	**2,027**	**1,993**	**2,092**	**2,220**	**2,259**	**2,266**	**2,274**	**2,279**	**2,275**	**2,263**
Expenditures (mil. dol.)	1,151	1,577	1,705	2,393	3,797	5,077	5,554	6,104	6,939	7,594	8,007
Peace-time	53	103	161	185	194	222	240	262	284	302	319
World War I	293	173	120	85	55	38	34	30	25	22	18
World War II	1,643	1,544	1,486	1,416	1,309	1,241	1,218	1,193	1,168	1,140	1,111
Korea	(X)	206	225	239	240	239	237	236	234	231	229
Vietnam	(X)	(X)	(X)	167	423	519	537	553	568	579	587
Totally disabled, all wars [1]	**115**	**110**	**110**	**124**	**123**	**122**	**121**	**121**	**135**	**138**	**139**
Peace-time	9	11	16	16	16	18	19	20	23	24	25
World War I	31	23	16	11	6	4	3	3	2	2	2
World War II	74	61	63	63	58	54	53	51	56	57	58
Korea	(X)	15	15	16	16	16	16	16	18	18	17
Vietnam	(X)	(X)	(X)	18	26	30	30	31	36	37	37

X Not applicable. [1] Includes Spanish-American War and Mexican Border service, not shown separately.

Source of tables 579 and 580: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

NO. 581. VIETNAM-ERA VETERANS—LENGTH OF SERVICE: 1965 TO 1982

[For definition of median, see Guide to Tabular Presentation]

FISCAL YEAR	Servicemen discharged (1,000)	VETERANS (1,000) WITH LENGTH OF SERVICE—				Median months of service	VETERANS WITH SERVICE IN VIETNAM	
		Less than 24 mo.	24-35 months	36-47 months	48 months or more		Number (1,000)	Percent of total
1965-1982, prel	**9,778**	**2,322**	**2,410**	**1,995**	**3,049**	**(NA)**	**3,169**	**32.4**
1965-1966	1,046	181	271	256	338	39.3	56	5.4
1967	576	104	146	129	197	39.5	144	25.0
1968	788	143	324	114	207	33.3	321	40.7
1969	972	240	308	226	198	33.6	485	49.9
1970	1,043	314	270	256	203	33.2	560	53.6
1971	995	340	249	204	202	31.6	504	50.7
1972	870	346	213	131	180	29.0	300	34.5
1973	614	181	121	107	205	36.5	179	29.1
1974	567	154	103	109	201	38.9	135	23.8
1975	543	170	100	99	174	36.2	86	15.8
1976	432	104	103	93	132	36.1	60	13.9
1977 [1]	536	45	147	134	210	42.8	64	11.9
1978	297	-	55	79	163	50.2	78	26.3
1979	206	-	-	58	148	(NA)	68	33.0
1980	129	-	-	-	129	(NA)	55	42.6
1981	93	-	-	-	93	(NA)	39	41.9
1982	69	-	-	-	69	(NA)	35	49.9

- Represents zero. NA Not available. [1] Includes transition quarter, July-Sept. 1976.

Source: U.S. Veterans Administration, *Data on Vietnam Era Veterans,* annual.

NO. 582. VETERANS BENEFITS—EXPENDITURES FROM APPROPRIATED FUNDS, BY WAR: TOTAL AND 1940 TO 1982

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Refers to expenditures of Veterans Administration and predecessor agencies. See also *Historical Statistics, Colonial Times to 1970*, series Y 971-983]

PERIOD OR YEAR	Total, all wars	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean conflict [1]	Service between Korea and Vietnam only	Vietnam [2]	Peacetime
Total	**[3] 361,896**	**191**	**8,574**	**5,852**	**67,294**	**167,953**	**31,368**	**10,236**	**57,164**	**13,145**
To 1939	[3] 18,914	147	8,356	1,537	8,557	(X)	(X)	(X)	(X)	198
1940-1944	3,016	14	102	663	1,840	281	(X)	(X)	(X)	116
1945-1949	27,139	11	49	798	2,783	23,317	(X)	(X)	(X)	181
1950-1954	25,564	7	28	821	4,638	18,878	823	(X)	(X)	369
1955-1959	24,723	5	15	696	6,835	10,956	5,674	(X)	(X)	542
1960-1964	28,466	2	13	528	9,365	13,421	4,142	(X)	(X)	995
1965-1969	34,673	(Z)	6	334	9,646	16,732	3,656	1,569	1,331	1,399
1970-1974	57,154	3	5	229	9,584	23,474	4,707	3,496	13,676	1,980
1975-1979	98,085	2	(Z)	192	10,256	40,397	8,013	4,029	30,805	4,391
1970	*8,905*	(Z)	1	*54*	*1,944*	*3,881*	*898*	*481*	*1,328*	*316*
1971	10,240	(Z)	1	51	1,917	4,317	865	648	2,083	358
1972	11,314	1	1	45	1,980	4,699	905	728	2,571	384
1973	12,817	1	1	40	1,908	5,138	988	791	3,535	415
1974	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
1975	16,419	1	(Z)	38	1,897	6,196	1,219	1,089	5,392	587
1976	18,798	1	(Z)	39	1,861	7,024	1,378	1,246	6,509	740
1977 [4]	23,063	(Z)	(Z)	45	2,401	9,616	1,900	617	7,447	1,037
1978	19,529	(Z)	(Z)	35	2,001	8,421	1,686	532	5,902	952
1979	20,276	(Z)	(Z)	35	2,096	9,140	1,830	545	5,555	1,075
1980	21,299	(Z)	(Z)	36	2,063	9,841	2,044	614	5,463	1,238
1981	*22,863*	(Z)	(Z)	*18*	*1,727*	*10,656*	*2,309*	*528*	*5,889*	*1,736*
1982	24,356	(Z)	(Z)	18	1,653	11,469	2,596	568	6,085	1,966

X Not applicable. Z Less than $500,000. [1] June 27, 1950 to Jan. 31, 1955. [2] Service from Aug. 5, 1964, to May 7, 1975. [3] Includes $70 million for the Revolutionary War and $49 million for the War of 1812. [4] 15 months ending Sept 30.

Source: U.S. Veterans Administration, unpublished data.

NO. 583. VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT, BY PERIOD OF SERVICE AND STATUS: 1970 TO 1983

[*As of* **June 30** *except, beginning* **1980**, *as of* **Sept. 30.** *Living refers to veterans receiving compensation for disability incurred or aggravated while on active duty and war veterans receiving pension and benefits for nonservice connected disabilities. Deceased refers to deceased veterans whose dependents were receiving pensions and compensation benefits. See also Historical Statistics, Colonial Times to 1970,* series Y 998-999]

PERIOD OF SERVICE AND VETERAN STATUS	VETERANS ON ROLLS (1,000)					AVERAGE PAYMENT (annual basis) [1]				
	1970	1980	1981	1982	1983	1970	1980	1981	1982	1983
Total	**4,722**	**4,646**	**4,535**	**4,407**	**4,286**	**$1,108**	**$2,370**	**$2,696**	**$2,981**	**$3,197**
Living veterans	*3,181*	*3,195*	*3,154*	*3,099*	*3,044*	*1,159*	*2,600*	*2,955*	*3,244*	*3,450*
Service connected	2,092	2,273	2,279	2,275	2,263	1,136	2,669	3,044	3,339	3,538
Nonservice connected	1,089	922	875	824	781	1,204	2,428	2,721	2,982	3,193
Deceased veterans	1,541	1,451	1,381	1,308	1,242	1,000	1,863	2,104	2,356	2,576
Service connected	372	358	355	350	346	1,732	3,801	4,324	4,859	5,276
Nonservice connected	1,169	1,093	1,026	957	896	768	1,228	1,336	1,440	1,533
Prior to World War I	48	14	12	11	9	1,012	1,432	1,530	1,624	1,685
Living	4	(Z)	(Z)	(Z)	(Z)	1,618	2,634	3,295	3,183	3,440
Deceased	43	14	12	11	9	950	1,403	1,495	1,596	1,658
World War I	1,405	692	630	571	515	1,030	1,683	1,841	1,981	2,077
Living	771	198	167	139	114	1,228	2,669	3,035	3,336	3,568
Deceased	*634*	*494*	*463*	*432*	*401*	*789*	*1,288*	*1,412*	*1,547*	*1,653*
World War II	2,463	2,520	2,442	2,353	2,273	1,080	2,307	2,606	2,866	3,061
Living	1,787	1,849	1,801	1,745	1,691	1,100	2,462	2,792	3,057	3,246
Deceased	676	671	641	608	582	1,024	1,880	2,085	2,321	2,523
Korean conflict [2]	366	446	438	428	419	1,266	2,691	3,107	3,466	3,742
Living	265	317	317	315	313	1,284	2,977	3,407	3,764	4,013
Deceased	101	129	121	113	105	1,218	1,990	2,322	2,630	2,933
Peace-time	234	312	334	353	370	1,244	3,080	3,437	3,729	3,901
Living	185	262	284	302	319	1,022	2,828	3,141	3,398	3,545
Deceased	48	50	50	51	51	2,095	4,399	5,102	5,697	6,118
Vietnam era [3]	207	662	679	691	700	1,556	2,795	3,200	3,532	3,783
Living	169	569	586	598	607	1,411	2,709	3,098	3,417	3,654
Deceased	38	93	93	93	93	2,197	3,324	3,836	4,273	4,621

Z Fewer than 500. [1] Averages calculated by multiplying average monthly payment by 12.
[2] Service during period June 27, 1950, to Jan. 31, 1955. [3] Service from Aug. 5, 1964, to May 7, 1975.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 584. Veterans Benefits—Expenditures, by Program: 1970 to 1983

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. All data are on an accrued expenditure basis]

PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total [1]	**10,201**	**18,003**	**20,168**	**20,285**	**20,937**	**22,178**	**23,187**	**25,203**	**26,937**	**28,196**
Compensation and pensions [2]	5,330	7,551	8,242	9,038	9,630	10,540	11,257	12,492	13,348	13,881
Educational assistance and readjustment benefits	1,047	4,529	5,543	3,891	3,337	2,800	2,383	2,333	2,001	1,678
Post-Korean veterans education [3]	939	4,165	5,029	3,567	3,027	2,450	2,068	1,968	1,474	1,394
Dependents' educational assistance	52	163	186	202	217	204	194	205	197	172
Vocational rehabilitation	42	73	85	101	100	96	88	114	117	116
Automobiles, etc., for disabled veterans	6	17	19	13	14	12	12	12	12	13
Grants special adaptive housing	8	14	14	14	14	23	19	16	17	14
Changes in receivables	1	97	210	−6	−35	15	2	14	160	−32
Medical services and administ. expenses	[4] 2,009	3,919	3,997	5,073	5,684	6,206	6,647	7,199	8,009	8,722
Hospital and domiciliary construction [5]	75	136	224	262	288	293	342	456	481	458
Insurance and indemnities	1,181	1,345	1,249	1,028	1,009	1,433	1,837	1,693	1,701	1,694
Loan guaranty revolving fund	249	423	484	521	514	453	445	553	825	1,187
Direct loans	180	84	89	97	73	57	49	19	10	8
Miscellaneous expenditures	131	17	340	374	402	396	427	459	562	567

[1] Excludes expenditures from personal funds of patients. Includes expenditures from VA Revolving Supply Fund and insurance trust funds. [2] Includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, invalid lifts, headstones and markers, and other expenses. [3] Includes post-Vietnam veterans. [4] Includes National Cancer Institute expenditures (transfer to Veterans Administration). [5] Includes construction grants for State extended care facilities. 1975 and later years include expenditures for health manpower training facilities.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 585. Veterans Benefits—Selected Federal Expenditures, States and Other Areas: 1983

[In millions of dollars. Year ending Sept. 30. State data are estimates. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Total expenditures [1]	Compensation and pensions [2]	Education and training [3]	Medical services	Insurance and indemnities
Total	**25,964**	**13,698**	**1,566**	**8,722**	**1,391**
U.S	**25,416**	**13,293**	**1,532**	**8,624**	**1,383**
Regions:					
Northeast	5,172	2,828	194	1,743	325
Midwest	5,461	2,717	329	2,004	314
South	10,190	5,568	619	3,276	461
West	4,592	2,178	389	1,602	282
N. Eng	**1,522**	**853**	**67**	**496**	**82**
ME	158	97	9	42	6
NH	113	72	7	26	6
VT	73	39	2	28	3
MA	803	450	30	267	42
RI	130	74	7	42	6
CT	245	121	12	91	19
Mid. Atl	**3,650**	**1,975**	**127**	**1,247**	**243**
NY	1,840	937	58	707	108
NJ	573	350	22	146	49
PA	1,237	688	47	394	86
E. No. Cent	**3,523**	**1,795**	**212**	**1,250**	**213**
OH	973	539	53	310	55
IN	420	233	30	126	25
IL	949	377	58	438	63
MI	715	409	46	206	43
WI	466	237	25	170	27
W. No. Cent	**1,938**	**922**	**117**	**754**	**101**
MN	446	218	30	160	27
IA	274	129	12	111	17
MO	593	298	36	218	26
ND	65	31	5	24	4
SD	122	48	6	62	3
NE	173	80	11	70	9
KS	265	118	17	109	15
So. Atl	**5,282**	**2,759**	**316**	**1,820**	**254**
DE	66	28	4	30	3
MD	387	218	26	102	32
So. Atl—Con.					
DC	654	37	2	568	3
VA	692	391	50	195	37
WV	299	158	11	110	9
NC	696	431	59	173	27
SC	338	193	36	90	13
GA	676	407	46	181	30
FL	1,474	896	82	371	100
E. So. Cent	**1,941**	**1,104**	**128**	**597**	**66**
KY	412	254	26	113	16
TN	639	334	41	220	23
AL	511	285	45	157	15
MS	379	231	16	107	12
W. So. Cent	**2,967**	**1,705**	**175**	**859**	**141**
AR	451	241	21	135	18
LA	444	249	24	135	21
OK	451	297	24	53	20
TX	1,621	918	106	490	82
Mt	**1,290**	**628**	**102**	**452**	**70**
MT	89	49	6	27	5
ID	92	53	8	25	5
WY	63	25	4	30	4
CO	323	154	28	103	22
NM	169	94	12	51	7
AZ	324	153	24	122	17
UT	137	56	13	59	5
NV	93	44	7	35	5
Pac	**3,302**	**1,550**	**287**	**1,150**	**212**
WA	496	246	47	134	29
OR	349	168	25	119	14
CA	2,335	1,083	201	853	160
AK	44	13	3	26	1
HI	78	40	11	18	8
PR	338	219	18	96	2
Outlying areas	6	4	1	–	4
Foreign	204	182	15	3	5

– Represents zero. [1] Includes expenditures not shown separately. Excludes $2,231 million, shown in table 584 for expenditures not distributed by States. [2] Excludes statutory burial awards and other expenses which are included in table 584.

[3] Educational assistance for wives and widows, sons and daughters of deceased or totally disabled veterans, and post-Korean conflict veterans. Excludes benefits paid to disabled veterans training under the vocational rehabilitation program.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 586. Veterans Administration Health Care Summary: 1975 to 1983

[For years ending **June 30** except, beginning **1980**, ending **Sept. 30**]

ITEM	Unit	1975	1980	1983	ITEM	Unit	1975	1980	1983
Facilities operating:					Inpatients treated [4]	1,000	1,220	1,359	1,401
Hospitals	Number	171	172	172	VA facilities	1,000	1,143	1,275	1,311
Domiciliaries	Number	18	16	16	Other facilities	1,000	77	84	90
Outpatient clinics	*Number*	*213*	*226*	*226*	Average daily inpatients [5]	1,000	114	105	104
Nursing home units	Number	85	92	99	VA facilities	1,000	96	84	81
Employment [1]	1,000	173	194	197	Other facilities	1,000	18	21	23
Obligations [2]	Mil. dol	3,461	6,215	8,053	Outpatient medical visits	Million	14.6	18.0	18.5
Medical care	Mil. dol	3,328	5,972	7,817	VA staff	Million	12.6	15.8	16.6
Research in health care	Mil. dol	95	138	161	Fee-basis	Million	2.0	2.2	1.9
Prescriptions dispensed	Million	28.0	36.7	41.3	Outpatient dental care:				
Laboratory procedures	Million	147	215	[3] 253	VA staff-exams	1,000	85.8	157.6	(NA)
Radiology examinations	Million	5.4	5.7	5.5	VA cases completed	1,000	*83.7*	*143.3*	(NA)
					Fee-basis authorized	1,000	130.9	109.8	(NA)

NA Not Available. [1] Net full-time equivalent. [2] Through 1980, cost-basis; thereafter, obligation-basis. Includes other obligations not shown separately. [3] Estimated. [4] Based on the number of discharges and deaths during the fiscal year, plus the number on the rolls (bed occupants and patients on authorized leave of absence) at the end of the fiscal year. Excludes interhospital transfers. [5] Patients receiving hospital care, or nursing bed care.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 587. Veterans Assistance to Persons in Education and Training Programs: 1975 to 1983

***[In thousands.** For years ending **June 30**, except, beginning **1977**, as of **Sept. 30**. Represents persons in training during year]*

PROGRAM	1975	1976	1977	1978	1979	1980	1981	1982	1983
Post-Korea Education Assistance [1]	2,692	2,822	1,938	1,522	1,279	1,107	949	778	644
Institutions of higher education	1,693	1,924	1,380	1,144	968	842	736	620	517
Resident schools other than college	420	450	314	211	175	149	122	98	88
Correspondence schools	367	302	132	73	51	42	35	21	13
On-the-job training	192	146	112	94	84	74	55	38	25
Children's Educational Assistance	71.4	80.7	88.2	88.3	85.7	82.6	82.6	80.3	70.9
Institutions of higher education	64.7	73.0	80.3	80.4	77.9	75.5	74.6	72.1	63.7
Schools other than college	6.3	7.2	7.4	7.3	7.2	6.5	7.5	7.8	7.0
Special restorative training	.1	.1	.1	.1	.1	.1	.1	–	(Z)
On-the-job training	.4	.4	.5	.5	.5	.5	.4	.3	.2
Spouses, Widows/Widowers Educational Assistance Program	16.5	19.1	19.5	19.4	17.3	13.0	11.9	10.6	8.8
Institutions of higher education	12.2	14.5	15.5	15.6	14.0	10.8	10.1	9.0	7.5
Schools other than college	4.3	4.5	4.0	3.8	3.2	2.2	1.8	1.6	1.3
On-the-job training [2]	.1	.1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Vocational Rehabilitation Program for Disabled Veterans	[3] *24.8*	[4] *29.4*	*33.2*	*31.0*	*29.5*	*25.5*	*29.8*	*30.9*	*30.6*
Institutions of higher education	18.5	21.0	25.0	23.2	21.7	18.9	21.7	22.1	21.9
Schools other than college	4.9	6.0	7.0	6.5	6.5	5.6	7.0	7.5	7.5
On-the-job training	1.3	1.0	1.0	1.2	1.1	1.0	1.0	.9	.8
Institutional on-farm	.2	.2	.2	.2	.1	.1	.1	.1	.1

– Represents zero. Z Fewer than 50. [1] Includes some Post-Vietnam veterans. [2] Includes special restorative training. [3] Estimated. [4] Total includes 1,200 with type of training unknown.

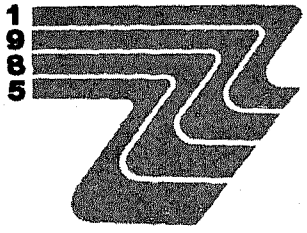
Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 588. Veterans Guaranteed and Insured Loans: 1965 to 1983

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30**. Includes mobile home loans. See section 28 for VA loan characteristics]

ITEM	Unit	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of loans	1,000	176.3	186.2	290.2	326.7	382.6	380.9	364.6	297.4	187.6	103.4	245.1
Home	1,000	176.0	186.2	288.2	325.0	379.8	376.6	357.8	289.2	176.2	92.9	231.6
Amount of loans	Mil. dol	2,765	3,683	8,091	9,951	13,136	14,608	16,043	14,815	10,008	5,542	14,670
Home	Mil. dol	2,763	3,682	8,072	9,930	13,099	14,548	16,926	14,653	9,822	5,332	14,389
Guaranty and insurance	Mil. dol	1,247	1,971	3,702	4,878	5,951	6,116	7,342	6,370	4,248	2,292	5,736
Home	Mil. dol	1,246	1,971	3,096	4,872	5,933	6,086	7,284	6,289	4,155	2,187	5,596

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*



Section 13

Social Insurance and Human Services

This section presents data related to governmental expenditures on social welfare; governmental programs for old-age, survivors, disability, and health insurance (OASDHI); governmental and railroad employee retirement; Individual Retirement Account, Keogh account, and private pension plans; government unemployment and temporary disability insurance; Federal supplemental security income payments and aid to the needy; and child and other welfare services. Also included here are selected data on workers' compensation, including black lung benefits; vocational rehabilitation; the American Red Cross; United Way campaign; and philanthropic trusts and foundations.

The principal source for these data is the Department of Health and Human Services' (HHS) monthly *Social Security Bulletin* which presents current data on many of the programs and summary data in annual statistical supplements. Current data on employment security are published monthly in the Department of Labor's *Unemployment Insurance Statistics.* Data on the Medicare and Medicaid programs appear periodically in the Health Care Financing Administration's *Health Care Financing Review* (quarterly), *Health Care Financing Notes,* and *Health Care Financing Program Statistics.* Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Social Security Administration's monthly publication, *Public Assistance Statistics.*

Social insurance under the Social Security Act.—Programs established by the Social Security Act provide protection against wage loss resulting from retirement, prolonged disability, death, or unemployment, and protection against the cost of medical care during old age and disability. The Federal OASDHI program provides monthly cash benefits to retired or disabled insured workers and their dependents and to survivors of insured workers. To be eligible, a worker must have had a specified period of employment in which OASDHI taxes were paid. A worker becomes eligible for full benefits at age 65, although reduced benefits may be obtained up to 3 years earlier; the worker's spouse is under the same limitations. Survivor benefits are payable to dependents of deceased insured workers. Disability benefits are payable to an insured worker under age 65 with a prolonged disability and to the disabled worker's dependents on the same basis as dependents of retired workers. Also, disability benefits are provided at age 50 to the disabled widow or widower of a deceased worker who was fully insured at the time of death. A lump sum benefit is generally payable on the death of an insured worker to a spouse or minor children.

Since July 1966, the Federal "Medicare" program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Since July 1973, such insurance also applies to disabled beneficiaries of any age after 24 months of eligibility and to persons with chronic kidney disease.

Retirement, survivors, disability, and hospital insurance benefits are funded by a payroll tax on annual earnings (up to a maximum of earnings set by law) of workers, employers, and the self-employed. The maximum taxable earnings are adjusted periodically through Federal legislation to reflect increasing income levels (see table 604). Tax receipts and benefit payments are administered through Federal trust funds. Special benefits for uninsured persons; hospital benefits for persons 65 and over with specified amounts of Social Security coverage less than that required for cash benefit eligibility; and that part of the cost of supplementary medical insurance not financed by contributions from participants are financed from Federal general revenues.

Unemployment insurance is presently administered by the U.S. Employment and Training Administration and each State's employment security agency. By agreement with the U.S. Secretary of Labor, State agencies also administer unemployment compensation for eligible ex-servicemembers and Federal employees, unemployment assistance under the Disaster Relief Act of 1970, workers assistance and relocation allowances under the Trade Act, and, until 1975, direct aid (training and related cash allowances) under Federal manpower acts.

Under State unemployment insurance laws, benefits related to the individual's past earnings are paid to unemployed eligible workers. State laws vary concerning the length of time benefits are paid and their amount. In most States, benefits are payable for 26 weeks and, during periods of high unemployment, extended benefits are payable under a Federal-State program to those who

have exhausted their regular State benefits. The basic benefit can vary among States by over 100 percent. Some States also supplement the basic benefit with allowances for dependents.

Unemployment insurance is funded by a Federal unemployment tax levied on the taxable payrolls of most employers. Taxable payroll under the Federal Act and most State laws is the first $7,000 in wages paid each worker during a year. Employers are allowed a credit of 2.7 percent of taxable payroll for contributions paid to States under State unemployment insurance laws. The remaining percent of the Federal tax finances administrative costs, the Federal share of extended benefits, and advances to States. About 97 percent of wage and salary workers are covered by unemployment insurance.

Social insurance for Government employees.—The civil service retirement program is the major system providing age and service, disability, and survivor annuities for Federal civilian employees. The employee contribution rate is 7 percent of total base pay; the Federal Government contributes the remainder of the cost. In addition, there are separate retirement systems for the uniformed services (supplementing OASDHI) and for a few special groups of Federal civilian employees. All Federal employees hired after January 1, 1984 are also covered under the OASDHI program.

State and local government employees are covered for the most part by State and local retirement systems similar to the Federal civil service retirement system. In many jurisdictions these benefits supplement OASDHI coverage.

Workers' compensation.—*All States provide protection against work-connected injuries and* deaths, although some States exclude certain workers (e.g., domestic help). Federal laws cover Federal employees, private employees in the District of Columbia, and longshoremen and harbor workers. In addition, the Social Security Administration and the Department of Labor administer a "black lung" *benefits program for coal miners disabled by pneumoconiosis and for specified de*pendents and survivors. Specified occupational diseases are compensable to some extent. In most States, benefits are related to the worker's salary. The benefits may or may not be augmented by dependents' allowances or automatically adjusted to prevailing wage levels.

Public aid.—*State-administered public assistance programs (Aid to Families with Dependent* Children (AFDC), emergency assistance and general assistance) and the Federal Supplemental Security Income (SSI) program administered by the Social Security Administration provide benefits to persons who qualify. AFDC and emergency assistance are in part federally funded while the costs of general assistance are met entirely with State and local funds.

The SSI program replaced Federal grants for aid to the aged, blind and disabled in the 50 States and the District of Columbia in 1974. Residents of the Northern Mariana Islands became eligible in 1978. Federal grants continue for aid to the aged, blind and disabled in Guam, Puerto Rico and the Virgin Islands. The SSI program provides a minimum income for the aged, blind and disabled and establishes uniform national basic eligibility requirements and payment standards. Most States supplement the basic SSI payment.

Health and welfare services.—Programs providing health and welfare services are aided through Federal grants to States for child welfare services, vocational rehabilitation, activities for the aged, maternal and child health services, maternity and infant care projects, comprehensive health services, and a variety of public health activities.

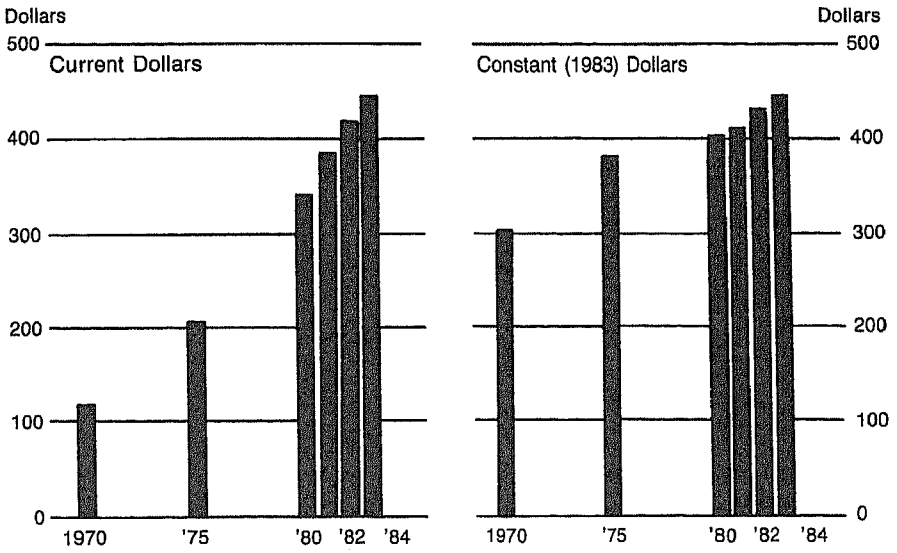
Under Medicaid, all States (except Arizona) offer basic health services to eligible low-income persons. The cost of providing these services is shared by the Federal Government, but each State determines its own eligibility criteria and may set benefits above the minimum established by Federal law. Almost all recipients of cash welfare programs are automatically eligible. In addition, 29 States extend Medicaid to families that satisfy all but the income requirements for welfare and that either have incomes which meet State definitions of "medically needy" or incur medical expenses which lower their incomes to medically needy levels.

Noncash benefits.—The Bureau of the Census annually collects data on the characteristics of recipients of noncash (in-kind) benefits to supplement the collection of annual money income data in the Current Population Survey (see text, pp. 1 and 2 and Section 15). As for money income, the data for noncash benefits are for the calendar year prior to the date of the interview and are reported in the *Current Population Reports,* series P-60. The two major categories of noncash benefits covered are public transfers and employer or union-provided benefits to employees.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to HHS and Census Bureau data, see Appendix III.

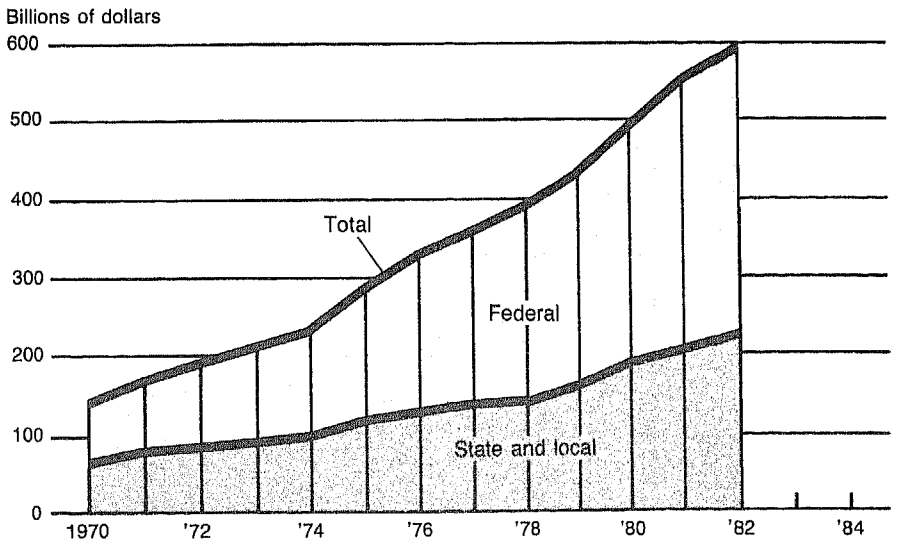
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 13.1
Social Security — Average Monthly Benefit Payments to Retired Workers: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 606.

Figure 13.2
Social Welfare Expenditures Under Public Programs: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 590.

No. 589. Social Welfare Expenditures Under Public Programs: 1960 to 1982

[**In millions of dollars, except percent.** For fiscal years ending in year shown. Fiscal years for Federal Government (through 1976), most States, and some localities, ended **June 30.** Beginning 1977, Federal Government fiscal year ended **Sept 30.** Represents outlays from trust funds (mostly social insurance funds built up by earmarked contributions from insured persons, their employers, or both) and budgetary outlays from general revenues. Includes administrative expenditures, capital outlay, and some expenditures and payments outside U.S. See table 592 for program detail. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series H 1-47, for related but not comparable data]

YEAR	SOCIAL WELFARE OUTLAYS			Social insurance	Public aid	Health and medical programs [1]	Veterans programs	Education	Housing	Other social welfare	All health and medical care [2]
	Total	Average annual percent change	Percent from non-trust funds								
	TOTAL										
1960	52,293	[3] 9.9	65.5	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
1965	77,175	8.1	65.9	28,123	6,283	6,246	6,031	26,108	318	2,066	9,536
1970	145,856	13.6	64.8	54,691	16,488	9,907	9,078	50,845	701	4,145	25,391
1972	191,357	14.5	64.1	74,809	26,078	12,866	11,522	59,385	1,332	5,364	33,473
1973	213,942	11.8	62.7	86,166	26,691	13,447	13,026	64,734	2,180	5,698	36,668
1974	239,397	11.9	61.2	99,002	31,520	14,953	14,112	70,534	2,554	6,722	41,512
1975	290,080	21.2	60.9	123,013	41,908	17,788	17,019	80,834	3,172	6,947	52,349
1976	332,060	14.5	60.8	145,703	48,693	19,134	18,958	87,730	3,371	8,472	59,979
1977	360,602	8.6	59.2	160,883	53,267	20,129	19,015	93,878	4,358	9,071	67,418
1978	394,632	9.4	58.9	174,951	59,394	23,237	19,744	101,518	5,225	10,563	77,235
1979	429,771	9.0	58.0	194,288	64,324	24,963	20,602	109,262	5,493	10,841	86,823
1980	492,534	14.6	56.8	229,754	71,799	27,657	21,466	121,050	7,209	13,599	100,298
1981, prel	550,476	11.8	54.9	267,383	82,424	30,122	23,441	128,146	6,734	12,248	115,944
1982, prel	592,551	7.6	52.1	300,741	80,786	32,892	24,708	133,874	7,954	11,596	130,346
	FEDERAL										
1960	24,957	[3] 11.3	45.9	14,307	2,117	1,737	5,367	868	144	417	2,918
1965	37,712	8.6	45.5	21,807	3,594	2,781	6,011	2,470	238	812	4,625
1970	77,337	15.4	45.1	45,246	9,649	4,775	8,952	5,876	582	2,259	16,600
1972	106,327	17.3	47.6	61,248	16,291	6,322	11,405	6,721	1,183	3,155	22,082
1973	122,566	15.3	45.9	72,249	18,061	6,698	12,903	7,360	1,750	3,546	24,280
1974	137,191	11.9	44.4	82,832	20,388	7,145	13,874	7,042	2,009	3,902	27,499
1975	167,426	22.0	45.9	99,715	27,187	8,521	16,570	8,629	2,541	4,264	34,099
1976	197,108	17.7	47.0	119,600	32,527	9,657	18,796	9,023	2,906	4,598	41,010
1977	218,371	10.8	44.5	134,745	35,399	10,150	18,861	9,741	4,006	5,470	46,362
1978	240,034	9.9	43.8	147,252	40,013	11,461	19,570	10,901	4,887	5,949	52,782
1979	263,208	9.8	42.7	163,879	43,384	11,707	20,412	12,108	5,069	6,649	59,009
1980	302,814	15.0	42.4	191,162	48,666	12,886	21,254	13,452	8,608	8,786	68,989
1981, prel	344,747	13.7	40.3	224,541	55,947	14,309	23,229	13,372	6,045	7,304	80,990
1982, prel	366,582	6.3	36.6	249,304	52,402	15,073	24,463	11,917	7,176	6,247	91,008
	STATE AND LOCAL										
1960	27,337	[3] 8.7	84.9	4,999	1,984	2,727	112	16,758	33	723	3,478
1965	39,464	7.6	87.1	6,316	2,690	3,466	20	25,638	80	1,254	4,911
1970	68,519	11.7	88.9	9,446	6,839	5,132	126	44,970	120	1,886	8,791
1972	85,031	11.4	86.4	13,561	9,787	6,544	117	52,664	149	2,209	11,391
1973	91,376	7.5	87.2	13,917	10,630	6,749	123	57,374	430	2,152	12,388
1974	102,206	11.9	86.7	16,169	11,133	7,809	239	63,492	545	2,819	14,013
1975	122,654	20.0	83.0	23,298	14,122	9,267	449	72,205	631	2,683	18,249
1976	134,953	10.1	82.8	26,103	16,165	9,477	162	78,706	465	3,874	19,047
1977	142,231	5.4	84.1	26,139	17,867	9,979	155	84,137	353	3,602	21,055
1978	154,598	8.7	84.8	27,699	19,381	11,776	174	90,617	337	4,614	24,454
1979	166,563	7.7	84.8	30,408	20,940	13,256	190	97,154	424	4,192	27,814
1980	189,720	13.9	82.6	38,592	23,133	14,771	212	107,597	601	4,813	31,309
1981, prel	205,729	8.4	82.2	42,822	26,477	15,813	212	114,773	688	4,944	34,955
1982, prel	225,969	9.8	80.2	51,437	28,384	17,819	245	121,957	778	5,349	39,338
	PERCENT OF TOTAL EXPENDITURES, BY TYPE										
1960	100.0	(X)	(X)	36.9	7.8	8.5	10.5	33.7	.3	2.2	12.2
1965	100.0	(X)	(X)	36.4	8.1	8.1	7.8	36.4	.4	2.7	12.4
1970	100.0	(X)	(X)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4
1975	100.0	(X)	(X)	42.4	14.2	6.1	5.9	27.9	1.1	2.4	18.0
1980	100.0	(X)	(X)	46.6	14.6	5.6	4.4	24.6	1.5	2.8	20.4
1982, prel	100.0	(X)	(X)	50.8	13.6	5.6	4.2	22.6	1.3	2.0	22.0
	PERCENT FEDERAL OF TOTAL										
1960	47.7	(X)	(X)	74.1	51.6	38.9	98.0	4.9	81.2	36.6	45.6
1965	48.9	(X)	(X)	77.5	57.2	44.5	99.7	8.8	74.9	39.3	48.5
1970	53.0	(X)	(X)	82.7	58.5	48.2	98.6	11.6	82.9	54.5	65.4
1975	57.7	(X)	(X)	81.1	65.8	48.1	97.4	10.7	80.1	61.4	65.1
1980	61.6	(X)	(X)	83.2	67.8	46.6	99.0	11.1	91.7	64.6	68.8
1982, prel	61.9	(X)	(X)	82.9	64.9	45.8	99.0	8.9	90.2	53.9	69.6

X Not applicable. [1] Excludes program parts of social insurance, public aid, veterans, and other social welfare. [2] Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. [3] Change from 1955.

Source: U.S. Social Security Administration, *Social Security Bulletin,* August 1983, and earlier and forthcoming issues.

No. 590. Social Welfare Expenditures Under Public Programs As Percent of GNP and Total Government Outlays: 1960 to 1982

[See headnote, table 589. For explanation of average annual percent change, see Guide to Tabular Presentation]

Year	Total expenditures				Federal				State and local government			
			Percent of—				Percent of—				Percent of—	
	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total govt. outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total Federal outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total State and local govt. outlays
1960	52.3	9.9	10.3	38.4	25.0	11.3	4.9	28.1	27.3	8.7	5.4	60.1
1965	77.2	8.1	11.2	42.2	37.7	8.6	5.5	32.6	39.5	7.6	5.7	60.4
1970	145.9	13.6	14.7	48.2	77.3	15.4	7.8	40.1	68.5	11.7	6.9	64.0
1971	171.9	17.9	16.0	51.7	92.6	19.7	8.6	44.9	79.3	15.8	7.4	64.0
1972	191.4	11.3	16.1	53.2	106.3	14.8	9.0	47.4	85.0	7.2	7.2	63.8
1973	213.9	11.8	16.1	55.5	122.6	15.3	9.2	50.5	91.4	7.5	6.9	64.9
1974	239.4	11.9	16.7	56.5	137.2	11.9	9.6	52.3	102.2	11.9	7.1	64.1
1975	290.1	21.2	18.7	57.4	167.4	22.0	10.8	53.8	122.7	20.0	7.9	63.5
1976	332.1	14.5	19.3	60.3	197.1	17.7	11.5	57.0	135.0	10.1	7.9	65.1
1977	360.6	8.6	18.8	59.4	218.4	10.8	11.4	56.3	142.2	5.4	7.4	64.5
1978	394.6	9.4	18.2	57.8	240.0	9.9	11.1	55.3	154.6	8.7	7.1	64.7
1979	429.8	9.0	17.8	57.8	263.2	9.8	10.9	54.9	166.6	7.7	6.9	63.8
1980	492.5	14.6	18.7	57.6	302.8	15.0	11.5	54.4	189.7	13.9	7.2	64.4
1981, prel	550.5	11.8	18.6	56.9	344.7	13.7	11.6	54.0	205.7	8.4	7.0	63.1
1982, prel	592.6	7.6	19.3	55.5	366.6	6.3	11.9	52.4	226.0	9.8	7.4	62.3

[1] Change from prior year shown; for 1960, change from 1955. [2] Gross national product.

Source: U.S. Social Security Administration, *Social Security Bulletin,* August 1983, and earlier and forthcoming issues.

No. 591. Social Welfare Expenditures Under Public Programs, Total and Per Capita, in Actual and 1982 Dollars: 1960 to 1982

[See headnote, table 589. Per capita figures based on U.S. Bureau of the Census estimates of total U.S. population as of Jan. 1, including outlying areas, and Armed Forces and Federal civilian employees and dependents abroad]

Year	In actual dollars								In 1982 dollars [3]				
		Per capita								Per capita			
	Total [1] (billions)	Total [1 2]	Social insurance	Education	Public aid	Health and medical	Veterans	All health and medical care	Total [1] (billions)	Total [1 2]	Social insurance	Education	Public aid
1960	52.1	285	105	96	22	24	30	35	148.9	815	301	276	64
1965	76.9	391	142	143	32	32	30	48	204.6	1,040	378	380	85
1970	145.5	701	262	245	79	48	43	122	322.6	1,550	580	542	176
1975	289.4	1,326	561	370	189	82	77	240	474.4	2,174	920	607	310
1978	393.7	1,750	775	451	264	103	87	343	541.9	2,409	1,068	621	364
1979	428.8	1,886	851	480	283	110	90	382	541.4	2,381	1,074	606	357
1980	491.4	2,137	995	526	312	120	92	436	563.6	2,450	1,141	603	358
1981, prel	549.2	2,362	1,145	551	355	130	100	499	581.1	2,500	1,212	583	375
1982, prel	591.2	2,519	1,277	570	344	140	104	555	591.2	2,519	1,277	570	344

[1] Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. [2] Includes data for programs not shown separately. [3] Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 779.

Source: U.S. Social Security Administration, *Social Security Bulletin,* August 1983, and earlier and forthcoming issues.

No. 592. Social Welfare Expenditures, by Source of Funds and Public Program: 1975 to 1982

[**In millions of dollars.** See headnote, table 589, and *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

Program	1975		1980		1981, prel.		1982, prel.	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total	**167,426**	**122,654**	**302,814**	**189,720**	**344,747**	**205,729**	**366,582**	**225,969**
Social insurance	**99,715**	**23,298**	**191,162**	**38,592**	**224,541**	**42,822**	**249,304**	**51,437**
Old-age, survivors, disability, health	78,430	(x)	152,110	(x)	180,425	(x)	204,568	(x)
Health insurance (Medicare)	14,781	(x)	34,992	(x)	42,455	(x)	50,424	(x)
Public employee retirement [1]	13,339	6,780	26,983	12,507	31,510	14,201	34,028	16,063
Railroad employee retirement	3,085	(x)	4,769	(x)	5,323	(x)	5,766	(x)
Unemployment insurance and employment services [2]	3,429	10,407	4,408	13,919	4,231	14,792	1,761	19,595
Other railroad employee insurance [3]	74	(x)	224	(x)	269	(x)	361	(x)
State temporary disability insurance [4]	(x)	990	(x)	1,377	(x)	1,598	(x)	1,688
Workers' compensation [5]	1,357	5,122	2,668	10,789	2,782	12,232	2,820	14,091
Hospital and medical benefits	50	2,420	130	3,596	153	4,012	172	4,538
Public aid	**27,187**	**14,122**	**48,666**	**23,133**	**55,947**	**26,477**	**52,402**	**28,384**
Public assistance [6]	14,529	12,832	23,542	21,346	26,980	24,426	27,098	26,290
Medical vendor payments (Medicaid) [7]	7,056	6,445	14,550	12,844	17,074	15,080	17,514	16,929
Social services	1,963	660	1,757	586	1,867	622	1,842	614
Supplemental security income	4,802	1,290	6,440	1,787	7,237	2,051	7,659	2,094
Food stamps	4,694	(x)	9,083	(x)	11,136	(x)	10,761	(X)
Other [8]	3,162	(x)	9,601	(x)	10,593	(x)	6,883	(x)
Health and medical programs	**8,521**	**9,267**	**12,886**	**14,771**	**14,309**	**15,813**	**15,073**	**17,619**
Hospital and medical care	4,045	5,175	6,451	5,752	7,244	5,870	7,981	6,987
Civilian programs	1,231	5,175	2,391	5,752	2,391	5,870	2,509	6,987
Defense Department [9]	2,814	(x)	4,060	(x)	4,853	(x)	5,472	(x)
Maternal and child health programs	271	296	351	447	387	462	352	536
Medical research	2,642	286	4,294	462	4,722	487	4,744	526
Medical facilities construction	113	1,391	540	1,943	649	2,077	545	1,960
Defense Department	94	(x)	31	(x)	(NA)	(x)	(NA)	(x)
Other	1,150	2,119	1,250	6,167	1,307	6,917	1,351	7,810
Veterans programs	**16,570**	**449**	**21,254**	**212**	**23,229**	**212**	**24,463**	**245**
Pensions and compensation	7,578	(x)	11,306	(x)	12,454	(x)	13,302	(x)
Health and medical programs	3,517	(x)	6,204	(x)	7,000	(x)	7,826	(x)
Hospital and medical care	3,267	(x)	5,750	(x)	6,429	(x)	7,210	(x)
Hospital construction	137	(x)	323	(x)	435	(x)	480	(x)
Medical and prosthetic research	93	(x)	131	(x)	135	(x)	135	(x)
Education	4,434	(x)	2,401	(x)	2,336	(x)	1,816	(x)
Life insurance [10]	556	(x)	664	(x)	709	(x)	747	(x)
Welfare and other	485	449	678	212	731	212	772	245
Education	[11] **8,629**	**72,205**	[11] **13,452**	**107,597**	[11] **13,372**	**114,773**	[11] **11,917**	**121,857**
Elementary and secondary	4,562	55,183	7,430	79,720	7,014	85,313	6,422	90,997
Construction [12]	21	5,725	41	6,483	45	6,712	16	6,756
Higher	2,864	13,521	4,468	21,708	4,852	22,800	4,254	23,900
Construction	274	1,239	42	1,486	15	(NA)	144	(NA)
Vocational and adult [12]	940	3,501	1,206	6,169	1,195	6,660	937	7,060
Housing	**2,541**	**631**	**6,608**	**601**	**6,045**	**688**	**7,176**	**778**
Other social welfare	**4,264**	**2,683**	**8,786**	**4,813**	**7,304**	**4,944**	**6,247**	**5,349**
Vocational rehabilitation	814	222	1,006	245	919	276	918	316
Medical services and research	174	44	226	49	(NA)	(NA)	(NA)	(NA)
Institutional care [13]	20	276	74	408	90	459	93	502
Child nutrition	2,064	454	4,209	643	4,149	360	3,685	360
Child welfare [14]	50	547	57	743	173	627	160	640
Special CSA and ACTION programs [15]	638	(X)	2,303	(X)	814	(X)	268	(X)
Welfare, not elsewhere classified [16]	677	1,184	1,137	2,774	1,160	3,221	1,123	3,532

NA Not available. X Not applicable. [1] Excludes refunds to those leaving service. Federal data include military retirement. [2] Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and special unemployment insurance programs. 1982 Federal data exclude extended unemployment insurance. [3] Unemployment and temporary disability insurance. [4] Cash and medical benefits in 5 areas. [5] Benefits paid by private insurance carriers, State funds, and self-insurers. Federal includes black lung benefit programs. [6] Includes payments under State general assistance programs and work incentive activities, not shown separately. [7] Medical vendor payments are those made directly to suppliers of medical care.

[8] Refugee assistance, surplus food for the needy, and work-experience training programs under the Economic Opportunity Act and the Comprehensive Employment and Training Act. [9] Includes medical care for military dependent families. [10] Excludes servicemen's group life insurance. [11] Includes Federal expenditures for administrative costs (Department of Education) and research not shown separately.

[12] Construction costs of vocational and adult education programs included under elementary-secondary expenditures.

[13] Federal expenditures represent primarily surplus foods for nonprofit institutions. [14] Represents primarily child welfare services under title V of the Social Security Act. [15] Includes domestic volunteer programs under ACTION and community action and migrant workers programs under Community Services Administration. [16] Federal expenditures include administrative expenses of the Secretary of Health and Human Services and of the Social and Rehabilitation Service; Indian welfare; and aging and juvenile delinquency activities. State and local include antipoverty and manpower programs, child care and adoption services, legal assistance, and other unspecified welfare services.

Source: U.S. Social Security Administration, *Social Security Bulletin*, August 1983, and earlier and forthcoming issues.

NO. 593. CASH AND NON-CASH BENEFITS FOR PERSONS WITH LIMITED INCOME: 1980 TO 1983

[For years ending **September 30.** Programs covered in this table provide cash, goods, or services to persons who make no payment and render no service in return. In case of job and training programs and some educational benefits, recipients must work or study for wages, training allowances, stipends, grants, or loans. Most of the programs base eligibility on individual, household, or family income, but some use group or area income tests; and a few offer help on the basis of presumed need]

PROGRAM	AVERAGE MONTHLY RECIPIENTS (1,000)			EXPENDITURES (mil. dol.)					
				Total [1]			Federal		
	1980	1982	1983	1980	1982	1983	1980	1982	1983
Total	(X)	(X)	(X)	**103,819**	**118,531**	**127,246**	**79,469**	**88,496**	**95,776**
Medical care [2]	(X)	(X)	(X)	32,231	40,923	43,816	19,237	23,136	25,085
Medicaid [3]	[4] 21,735	[4] 21,764	[4] 22,324	25,781	32,445	34,956	14,550	17,514	18,985
Veterans [5]	53	66	68	3,349	4,119	4,409	3,349	4,119	4,409
General assistance	(NA)	(NA)	(NA)	[6] 1,600	[6] 2,622	[6] 2,443	–	–	–
Maternal and child health services	(NA)	(NA)	(NA)	326	611	795	214	374	478
Indian Health Services	[7] 829	[7] 795	[7] 883	549	618	679	549	618	679
Community health centers	[7] 5,000	[7] 4,200	[7] 4,500	325	281	360	325	281	360
Cash aid [2]	(X)	(X)	(X)	29,362	33,349	34,529	19,616	22,077	22,831
A.F.D.C. [3 8]	10,499	10,423	10,639	13,019	14,717	15,385	6,964	7,804	8,191
Supplemental Security Income [3]	4,160	3,978	3,673	8,435	9,771	10,101	[9] 6,365	[9] 7,647	[9] 8,107
Pensions for needy veterans [10]	[11] 3,076	[11] 2,505	[11] 2,311	3,585	3,879	3,894	3,585	3,879	3,894
General assistance	910	1,089	[6] 1,275	[12] 1,386	1,859	2,110	–	–	–
Earned income tax credit	[6] 21,200	[6] 19,200	[6] 19,000	2,033	1,842	1,803	2,033	1,842	1,803
Food benefits [2]	(X)	(X)	(X)	13,472	16,182	18,483	13,015	15,535	17,770
Food stamps [3 13]	21,100	21,700	22,200	9,576	11,619	13,267	9,195	11,063	12,656
School lunch program [14]	[15] 12,200	[15] 11,600	[15] 11,900	2,110	2,081	2,414	[16] 2,110	[16] 2,081	[16] 2,414
Women, infants and children [17]	1,980	2,189	2,537	772	905	1,160	772	905	1,160
Nutrition program for elderly [18]	[7] 3,083	[7] 3,357	[7] 3,760	385	435	462	309	344	381
Housing benefits [2]	(X)	(X)	(X)	9,213	11,380	12,723	9,213	11,380	12,723
Lower-income housing asst. (Sec. 8)	[19] 1,153	[19] 1,527	[19] 1,780	2,104	4,085	4,995	2,104	4,085	4,995
Low-rent public housing	[19] 1,192	[19] 1,224	[19] 1,250	2,185	2,574	3,206	2,185	2,574	3,206
Rural housing loans	[20] 82	[20] 62	[20] 54	[21] 2,887	[21] 2,474	[21] 2,328	[21] 2,887	[21] 2,474	[21] 2,328
Rural rental housing loans	[20] 33	[20] 31	[20] 28	[21] 881	[21] 954	[21] 940	[21] 881	[21] 954	[21] 940
Interest reduction payments	[20] 536	[20] 536	[20] 536	656	670	665	656	670	665
Education aid [2]	(X)	(X)	(X)	5,073	8,129	8,689	4,864	7,891	8,451
Guaranteed student loans [22]	(X)	2,651	2,943	(X)	[23] 2,651	[23] 2,943	(X)	[23] 2,651	[23] 2,943
Pell grants	[24] 2,800	[24] 2,584	[24] 2,700	[23] 2,482	[23] 2,392	[23] 2,857	[23] 2,482	[23] 2,392	[23] 2,857
Head Start	376	384	393	920	1,130	1,131	736	912	912
College Work-Study Program	[24] 766	[24] 721	[24] 837	[23] 495	[23] 504	[23] 586	[23] 495	[23] 504	[23] 586
Supplemental Educational Opportunity Grants	[24] 650	[24] 654	[24] 650	[23] 355	[23] 352	[23] 341	[23] 355	[23] 352	[23] 341
Jobs and training [2]	2,215	1,509	1,173	8,706	4,064	4,169	8,625	3,989	4,088
Employment and training services [25]	[26] 361	(NA)	(NA)	2,144	1,695	1,759	2,144	1,695	1,759
Summer youth employment program [25]	[26] 139	115	121	721	721	824	721	721	824
Job Corps [25]	[26] 36	40	40	470	583	617	470	583	617
Senior community service employment program	[27] 52	[27] 54	[27] 63	297	308	355	267	277	320
Work incentive program	[28] 1,037	[28] 903	[28] 623	406	312	301	365	281	271
Services	(X)	(X)	(X)	4,041	2,737	2,788	3,178	2,725	2,778
Social services	[29] 7,000	(NA)	(NA)	3,648	2,400	2,400	2,785	2,400	2,400
Energy assistance	(X)	(X)	(X)	1,721	1,763	2,049	1,721	1,763	2,049
Low-income energy assistance [3]	[30] 9,700	[30] 8,200	[30] 8,700	1,539	1,609	1,898	1,539	1,609	1,898

– Represents zero. NA Not available. X Not applicable. [1] Includes State and local government expenditures not shown separately. [2] Includes other programs not shown separately. [3] Expenditure data include administrative expenses. [4] Unduplicated annual number. [5] Medical care for veterans with a non-service-connected disability. [6] Estimated. [7] Annual numbers. [8] Aid to Families with Dependent Children program. Excludes data for foster care program. [9] Excludes Federal sums spent for SSI (State supplements) to Indochinese refugees. [10] Includes dependents and survivors. [11] Estimate. As of June for 1980 and as of Sept. for other years. [12] Data for Alaska and Vermont were not reported. [13] Beginning 1982, includes Puerto Rico's nutritional assistance program, which replaced food stamp program there in July 1982. [14] Free and reduced-price segments. [15] Estimated daily average.
[16] Includes estimate of commodity assistance. [17] Special supplemental food program for women, infants, and children. [18] No income test required but preference given to those with greatest need. [19] Units eligible for payment at end of year. [20] Represents total families or dwelling units during year. [21] Amount of loans obligated. [22] Program had no income test prior to 1982 fiscal year. [23] Appropriation available for school year beginning in the fiscal year named. [24] Total numbers for an award year beginning July 1 of year shown. [25] Programs represent specific titles under Comprehensive Employment and Training Act. [26] Average number of job and training slots. [27] Annual number of jobs authorized. [28] New registrants only. Data for 1983 cover only 36 States.
[29] Estimate of annual number of primary recipients. [30] Number of households aided during year.

Source: Library of Congress, Congressional Research Service, "Cash and Non-Cash Benefits for Persons With Limited Income: Eligibility Rules, Recipient and Expenditure Data, FY 1981-83," Report No. 84-99 EPW, June 1984 and prior reports.

NO. 594. PUBLIC INCOME-MAINTENANCE PROGRAMS—CASH BENEFIT PAYMENTS: 1970 TO 1983

[Includes payments outside the United States and benefits to dependents, where applicable]

PROGRAM	PAYMENTS (bil. dol.)										PERCENT		
	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1970	1980	1981
Total [1]	**60.5**	**138.6**	**151.5**	**162.3**	**172.8**	**192.8**	**228.0**	**240.6**	(NA)	(NA)	**100.0**	**100.0**	**100.0**
Percent of personal income [2]	7.5	11.0	10.9	10.5	10.0	9.9	10.5	9.9	(NA)	(NA)	(X)	(X)	(X)
OASDHI [3]	31.6	66.6	75.3	84.3	92.5	104.0	120.3	128.7	156.2	167.0	52.2	52.8	53.5
Public employee retirement [4]	9.2	21.3	24.2	27.1	30.5	35.0	40.6	46.1	(NA)	(NA)	15.2	17.8	19.2
Railroad retirement	1.8	3.3	3.6	3.8	4.0	4.4	4.9	5.4	5.8	6.0	2.9	2.1	2.2
Veterans' pensions, compensation	5.5	7.7	8.4	9.1	9.6	10.6	11.4	12.5	13.3	13.7	9.1	5.0	5.2
Unemployment benefits [5]	4.2	18.3	16.7	13.4	10.0	10.3	18.9	13.7	21.1	19.2	7.0	8.3	5.7
Temporary disability benefits	.7	.9	1.0	1.0	1.1	1.2	1.4	1.6	1.6	1.6	1.2	.6	.7
Workers' compensation [6]	2.0	4.6	5.2	5.9	6.8	8.5	9.6	10.6	11.3	12.4	3.3	4.2	4.2
Public assistance [7]	4.9	9.3	10.2	10.7	10.7	10.7	12.1	13.2	13.0	13.9	8.0	5.3	5.5
Supplemental Security Income [7]	(X)	5.9	6.1	6.3	6.6	7.2	7.9	8.5	9.0	9.5	(X)	3.4	3.5

NA Not available. X Not applicable. [1] Includes lump sum death benefits, not shown separately. [2] For base data, see table 729. [3] Old-age, survivors, disability, and health insurance under Federal Social Security Act; see text, p. 351. [4] *Excludes refunds of contributions* to employees who leave service. [5] Beginning 1981, covers State unemployment insurance, Ex-Servicemen's Compensation Act and railroad unemployment insurance only. [6] *Includes black lung benefits.* [7] Beginning 1974, Federal grants to States for aid to aged, blind, and disabled replaced by Supplemental Security Income programs; see text, p. 352.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly and unpublished data.

NO. 595. HOUSEHOLDS RECEIVING MEANS-TESTED NONCASH BENEFITS, 1979 TO 1982, AND BY POVERTY STATUS, 1982

[Households as of **March** of following year. Covers civilian noninstitutional population, including persons in the Armed Forces living off post or with their families on post. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. Noncash benefits are those benefits received in a form other than money which serve to enhance or improve the economic well-being of the recipient. A means-tested benefit program requires that the household's income and/or assets fall below specified guidelines in order to qualify for benefits. The means-tested noncash benefits covered are food stamps, free or reduced-price school lunches, public or subsidized housing, and Medicaid. There are general trends toward under-estimation of noncash beneficiaries. Households are classified according to poverty status of family or nonfamily householder. For explanation of poverty level, see text, p. 429]

TYPE OF BENEFIT RECEIVED	1979, total (1,000)	1980, total (1,000)	1981, total (1,000)	1982			
				Total (1,000)	Below poverty level		Above poverty level (1,000)
					Number (1,000)	Percent distribution	
Total households	**80,776**	**82,368**	**83,527**	**83,918**	**12,161**	**100.0**	**71,757**
Not receiving noncash benefits	67,171	68,102	68,976	69,303	4,891	40.2	64,413
Not receiving cash public assistance	66,821	67,743	68,726	69,079	4,820	39.6	64,258
Receiving cash public assistance [1]	351	359	250	224	70	.6	154
Receiving at least one noncash benefit	13,605	14,266	14,551	14,615	7,270	59.8	7,345
Not receiving cash public assistance	7,531	7,860	8,082	8,441	3,118	25.6	5,323
Receiving cash public assistance [1]	6,074	6,407	6,469	6,174	4,152	34.1	2,022
Receiving one noncash benefit only	8,053	8,092	8,262	8,271	2,579	21.2	5,692
Medicaid only	3,549	3,235	3,306	3,018	861	7.1	2,157
School lunch only	2,159	2,332	2,128	2,283	566	4.7	1,717
Food stamps only	1,271	1,432	1,654	1,650	863	7.1	788
Public housing only	1,074	1,093	1,174	1,320	289	2.4	1,031
Receiving two noncash benefits [2]	3,385	3,712	3,769	3,760	2,477	20.4	1,283
Food stamps and Medicaid only	1,907	2,019	2,139	1,978	1,482	12.2	496
Food stamps and school lunch only	593	746	684	830	525	4.3	305
Receiving three noncash benefits [2]	1,776	2,001	2,049	2,082	1,766	14.5	316
Food stamps, school lunch, and Medicaid only	1,200	1,371	1,393	1,393	1,174	9.7	218
Food stamps, public housing, and Medicaid only	453	496	490	542	475	3.9	67
Receiving four noncash benefits	391	462	471	502	449	3.7	53
Total households receiving—							
Food stamps	6,054	6,769	7,115	7,184	5,192	42.7	1,992
School lunch	4,933	5,532	5,356	5,634	3,023	24.9	2,611
Public housing	2,573	2,777	2,873	3,158	1,646	13.5	1,512
Medicaid	8,155	8,287	8,487	8,068	4,766	39.2	3,302

[1] Households receiving money from Aid to Families with Dependent Children program, Supplemental Security Income program or other public assistance programs. [2] Includes other combinations not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 143 and earlier reports.

No. 596. Social Insurance and Related Programs—Cash Beneficiaries and Benefits, by Program: 1970 to 1982

[OASDHI = Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see text, p. 351. Partly estimated. Includes some beneficiaries and benefit payments for some programs in outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series H 125-171]

PROGRAM	BENEFICIARIES [1] (1,000)					AMOUNT OF BENEFITS (mil. dol.)				
	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
Total	(X)	(X)	(X)	(X)	(X)	**55,304**	**123,235**	**207,632**	**231,369**	**245,105**
Percent of personal income	(X)	(X)	(X)	(X)	(X)	6.8	9.7	9.6	9.5	9.5
Retirement [2]	(X)	(X)	(X)	(X)	(X)	**29,096**	**61,543**	**113,549**	**132,732**	**135,330**
OASDHI	16,870	20,015	22,267	23,612	24,148	20,770	42,432	77,905	92,478	104,884
Public employee retirement	2,204	3,124	4,322	4,573	(NA)	7,209	17,145	32,713	37,020	(NA)
Federal civil service	477	732	913	963	989	1,849	5,229	10,227	11,881	13,074
Other Federal employee [3]	642	912	1,149	1,174	1,202	2,700	6,071	11,397	12,575	13,840
State and local government	1,085	1,480	2,260	2,437	(NA)	2,660	5,845	11,089	12,564	(NA)
Railroad retirement	553	579	589	577	574	1,113	1,966	2,931	3,234	3,531
Veterans Admin. programs [3]	3	1	(X)	(X)	(X)	4	1	(X)	(X)	(X)
Disability [2] [4]	(X)	(X)	(X)	(X)	(X)	**11,001**	**21,883**	**39,245**	**43,831**	**44,750**
OASDHI	2,573	4,142	4,729	4,599	4,174	3,067	8,414	15,437	17,199	17,338
Public employee retirement	419	526	706	732	(NA)	1,312	2,702	5,073	5,718	(NA)
Federal civil service	185	258	355	375	384	518	1,307	2,885	3,329	3,664
Other Federal employee [5]	148	163	157	147	145	538	905	1,275	1,354	1,428
State and local government	86	105	195	211	(NA)	255	490	913	1,035	(NA)
Railroad retirement	95	102	95	94	92	219	403	564	610	668
Veterans Admin. programs [3]	3,178	3,226	3,194	3,145	3,088	3,931	5,583	8,602	9,524	10,203
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	1,674	3,246	7,128	8,166	8,909
Black lung benefit program	25	333	252	163	147	77	595	1,077	1,030	916
Temporary disability:										
State insurance [5]	181	176	199	224	216	665	890	1,300	1,525	1,568
Railroad insurance	25	14	16	14	14	56	48	63	58	56
Survivor monthly benefits	(X)	(X)	(X)	(X)	(X)	**10,272**	**20,716**	**34,899**	**40,130**	**42,800**
OASDHI	6,369	7,302	8,260	7,835	7,435	7,428	15,544	26,854	30,875	33,612
Public employee retirement	[6] 427	[6] 560	[6] 845	[6] 902	(NA)	645	1,449	2,883	3,376	(NA)
Federal civil service	297	382	439	467	485	429	975	1,930	2,278	2,507
Other Federal employee [3]	10	32	71	74	83	16	84	301	359	424
State and local government	120	145	335	361	(NA)	200	390	652	739	(NA)
Railroad retirement	324	338	330	326	324	424	914	1,372	1,527	1,644
Veterans Admin. programs [3]	2,284	2,258	1,465	1,374	1,300	1,545	2,084	2,755	2,952	3,113
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	197	365	600	730	795
Black lung benefit program	2	152	158	214	208	33	360	635	670	705
Lump-sum payments	(X)	(X)	(X)	(X)	(X)	**582**	**808**	**1,004**	**929**	**373**
OASDHI	(X)	(X)	(X)	(X)	(X)	294	337	395	332	203
Public employee retirement	(X)	(X)	(X)	(X)	(X)	189	321	416	480	(NA)
Federal civil service	(X)	(X)	(X)	(X)	(X)	23	20	23	35	39
Other Federal employee	(X)	(X)	(X)	(X)	(X)	1	1	3	2	2
State and local government	(X)	(X)	(X)	(X)	(X)	165	300	392	443	(NA)
Railroad retirement	(X)	(X)	(X)	(X)	(X)	26	25	14	13	11
Veterans Admin. programs [7]	(X)	(X)	(X)	(X)	(X)	73	124	178	103	118
Unemployment	(X)	(X)	(X)	(X)	(X)	**4,353**	**18,285**	**18,935**	**13,746**	**21,852**
State unemployment insurance [8]	1,620	3,515	2,830	3,191	3,897	4,184	18,188	18,756	13,539	21,514
Railroad unemployment insurance	18	26	38	52	77	39	89	179	208	339
Training allowances [9]	60	(X)	(X)	(X)	(X)	131	7	(X)	(X)	(X)

NA Not available. X Not applicable. [1] For old-age, survivors, disability, and health insurance, average monthly number; for public employee retirement systems, veterans programs, and the black lung benefit program, number on rolls June 30; for railroad retirement program, number on rolls June 30 through 1975, Sept. 30 beginning 1980; for State unemployment and temporary disability insurance, average weekly number; for railroad unemployment and temporary disability insurance, average number during 14-day registration period; Manpower Development and Training Act programs, number on rolls Dec. 31. [2] Includes benefits to dependents where applicable. [3] Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Defense and are included under "Other Federal employee". [4] Excludes payments for medical care. [5] Payable in CA, NJ, NY, RI, and PR under public and private plans. Data for beneficiaries in NJ not available. [6] For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number represents families. [7] Lump sums are for burial of deceased veterans. [8] Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payment under the extended unemployment insurance programs, the Trade Expansion Act of 1962, the Disaster Relief Act of 1970 and the Trade Act of 1974. Beginning 1981, payments cover State unemployment insurance and Ex-Servicemen's Compensation Act only. Beneficiaries relate to regular State unemployment insurance, Federal employee (through 1981), and ex-servicemen programs only. Includes Puerto Rico. [9] Manpower Development and Training Act of 1962 (Aug. 1962–June 1975).

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 597. Estimated Workers Under Social Insurance Programs: 1960 to 1982

[In millions, except percent. As of December, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series H 51-56]

EMPLOYMENT AND COVERAGE STATUS	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total labor force [1]	73.1	78.5	86.2	94.9	96.1	100.6	103.7	106.0	106.9	108.4	112.7
Paid civilian population	64.6	71.6	77.6	84.8	87.8	92.0	95.2	97.5	97.0	96.9	98.4
Wage and salary workers	55.3	63.6	70.8	77.6	80.6	84.3	87.2	89.2	88.4	88.5	89.5
Self-employed	9.3	8.0	6.9	7.2	7.0	7.7	8.0	8.3	8.6	8.4	8.9
Unpaid family workers	1.4	1.1	.8	.7	.7	.7	.7	.6	.6	.5	.5
Unemployed	4.5	2.9	2.6	7.2	7.5	5.9	5.7	5.8	7.2	8.8	11.6
Armed Forces	2.5	2.8	3.4	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.2
Civilian population covered by:											
Public retirement programs	60.9	68.4	75.3	82.2	86.9	88.8	89.8	94.5	93.5	93.6	94.8
OASDHI [2]	55.4	62.7	69.2	75.7	80.3	82.1	83.2	87.6	86.5	86.6	87.9
Wage and salary workers	48.0	56.1	63.4	69.3	74.0	75.6	76.4	80.6	79.3	79.5	80.5
Percent of all wage and salary workers	86.8	88.2	89.5	89.3	91.8	89.7	87.6	90.4	89.7	89.8	89.9
Self-employed	7.4	6.6	5.8	6.4	6.3	6.5	6.8	7.0	7.2	7.1	7.4
Railroad retirement	.9	.8	.6	.5	.5	.5	.5	.5	.5	.5	.4
Public employees retirement [3]	4.6	4.9	5.5	6.0	6.1	6.2	6.4	6.4	6.5	6.5	6.5
Unemployment insurance	43.7	50.3	55.8	69.7	72.1	75.8	85.8	87.9	87.2	89.9	87.9
Workers' compensation	44.6	52.3	59.0	68.6	70.4	74.2	74.5	77.4	79.4	79.8	77.8
Temporary disability insurance	11.3	13.0	14.6	15.7	16.2	16.7	18.0	18.1	18.4	18.4	18.1

[1] Data from U.S. Bureau of Labor Statistics and based on U.S. Bureau of the Census' Current Population Survey; see text, pp. 1 and 2.
[2] OASDHI = Old-age, survivors, disability, and health insurance. Excludes members of Armed Forces and railroad employees.
[3] Data represent yearly averages. Excludes State and local government employees covered by both OASDHI and their own retirement program.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*.

No. 598. Selected Social Insurance Programs—Estimated Payrolls of Covered Employment in Relation to Wages and Salaries: 1970 to 1982

[In billions of dollars, except percent. OASDHI: Old-age, survivors, disability, and health insurance, Federal programs under *Social Security Act*; see text, p. 351. Data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. See also *Historical Statistics, Colonial Times to 1970*, series H 57-69]

PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total earnings [1]	615	896	984	1,087	1,222	1,370	1,534	1,613	1,677
All wages and salaries [1]	549	806	890	984	1,105	1,238	1,357	1,493	1,568
Civilian	528	783	867	959	1,078	1,210	1,327	1,458	1,528
Payrolls covered by:									
Retirement programs [2]	528	783	869	967	1,080	1,211	1,324	1,455	(NA)
OASDHI [3] [4]	480	713	793	883	990	1,121	1,226	1,349	1,438
Railroad retirement [3]	6	8	9	10	11	13	13	13	13
Federal civil service	26	37	39	42	45	47	51	56	(NA)
State and local government	53	87	95	106	112	123	138	153	(NA)
Unemployment insurance [3]	389	653	726	808	1,006	1,134	1,243	1,367	1,438
Workers' compensation program [5]	437	672	750	817	918	1,035	1,136	(NA)	(NA)
Net earnings in self-employment covered by OASDHI	48	70	77	81	88	96	95	99	99
Percent of civilian payrolls covered by—									
OASDHI [3] [6]	90.9	91.1	91.7	92.1	91.0	92.7	89.6	92.6	94.1
Railroad retirement [3]	1.2	1.1	1.1	1.1	1.0	1.1	1.0	1.0	1.0
Federal civil service retirement	5.0	4.7	4.5	4.4	4.2	3.9	3.9	3.9	(NA)
State and local government retirement	10.1	11.1	10.9	11.0	10.4	10.1	10.5	10.6	(NA)
Unemployment insurance [3]	73.7	83.4	83.7	84.3	93.4	93.8	93.7	93.8	94.1
Workers' compensation programs [5]	82.8	85.8	86.6	85.2	85.1	85.7	86.5	(NA)	(NA)

NA Not available. [1] Data from U.S. Bureau of Economic Analysis. Earnings include self-employed; wages and salaries represent civilian and military pay in cash and in kind. [2] Adjusted for duplication in coverage by both OASDHI and State and local government retirement systems. [3] Taxable plus estimated nontaxable wages and salaries.
[4] Includes Armed Forces in all areas. [5] Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. [6] Percent computed after excluding Armed Forces payroll covered by OASDHI.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

NO. 599. SELECTED SOCIAL INSURANCE PROGRAMS—SOURCE OF FUNDS FROM CONTRIBUTIONS AND TRANSFERS: 1970 TO 1983

[In millions of dollars. OASDHI=Old-age, survivors, disability and health insurance]

PROGRAM AND SOURCE OF FUNDS	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Social Security (OASDHI) trust funds:										
Old-age and survivors insurance (OASI)	30,705	57,241	63,976	70,185	76,086	88,476	103,996	123,301	124,353	143,878
Employer	14,489	27,184	30,430	33,344	36,253	42,288	49,731	58,972	59,105	63,935
Employee	14,204	26,947	30,164	33,093	35,921	41,898	49,436	58,656	58,918	63,731
Self-employed	1,564	2,684	2,768	3,135	3,297	3,733	4,289	4,999	5,649	5,049
Government [1] [2]	449	425	614	613	615	557	540	675	680	[3] 11,162
Disability insurance	4,497	7,534	8,336	9,266	13,554	15,232	13,385	16,906	22,169	19,112
Employer	2,154	3,562	3,951	4,379	6,492	7,257	6,307	8,074	10,597	8,379
Employee	2,117	3,530	3,916	4,346	6,450	7,186	6,254	8,035	10,574	8,339
Self-employed	210	352	365	413	471	671	694	629	824	830
Government [1]	16	90	103	128	142	118	130	168	174	[3] 1,565
Hospital insurance (HI) [4]	5,820	12,316	13,020	15,072	18,408	21,883	24,982	34,157	35,976	41,283
Employer	2,412	5,647	6,260	6,855	8,556	10,211	11,713	16,226	16,966	18,366
Employee	2,365	5,598	6,206	6,803	8,489	10,119	11,640	16,153	16,910	18,307
Self-employed	169	395	403	456	493	629	739	856	1,061	943
Government [1] [2] [5]	874	670	141	946	858	908	871	900	1,015	[3] 3,639
Voluntarily insured [6]	(X)	7	9	12	13	16	18	22	24	27
Supplementary medical insurance [7]	2,189	4,566	5,870	7,633	8,757	9,364	10,466	15,013	15,981	19,097
Aged	1,096	1,759	1,878	2,030	2,221	2,452	2,707	3,356	3,341	3,845
Disabled	(X)	158	183	217	249	267	304	366	356	391
Government	1,093	2,648	3,810	5,386	6,287	6,645	7,455	11,291	12,284	14,861
Railroad retirement [8]	968	1,506	2,298	1,810	2,450	2,508	2,630	2,627	3,304	(NA)
Employer	510	1,146	1,333	1,386	1,437	1,659	1,722	1,817	2,038	(NA)
Employee	439	356	465	424	450	536	594	684	858	(NA)
Government [1]	19	4	500	-	563	313	313	126	410	(NA)
Federal civil service	3,870	9,507	10,770	13,802	14,306	16,328	19,986	22,554	(NA)	(NA)
Employer (Federal and DC gov't.)	2,001	6,905	7,965	10,816	11,118	12,916	16,220	18,506	(NA)	(NA)
Employee [9]	1,869	2,600	2,805	2,986	3,188	3,412	3,766	4,048	(NA)	(NA)
State and local government [10]	7,895	14,560	16,560	18,470	20,380	22,702	25,654	(NA)	(NA)	(NA)
Employer (government)	4,920	9,880	11,510	13,010	14,500	16,434	18,776	(NA)	(NA)	(NA)
Employee	2,975	4,680	5,050	5,460	5,880	6,268	6,878	(NA)	(NA)	(NA)

- Represents zero. NA Not available. X Not applicable. [1] Represents cost of gratuitous wage credits for military service. [2] Includes Federal payments for special age-72 benefits. [3] See footnotes 2 and 4, table 605. [4] Includes transfers from railroad retirement account for HI coverage of railroad workers. [5] Includes transfers of appropriations for HI benefits for persons not insured for cash benefits under OASI, DI or railroad retirement. For 1978-1981, includes reimbursements for Professional Standards Review Organization. [6] Beginning July 1973, aged ineligibles may voluntarily enroll for HI. [7] Includes premiums paid on behalf of eligibles by State governments under "buy-in" arrangements. [8] Excludes HI contributions (included with HI above) and includes employer contributions to supplemental benefit account. [9] Includes voluntary contributions to purchase additional annuity. [10] Estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*

NO. 600. FEDERAL BENEFITS FOR THE AGED, BY TYPE OF BENEFIT: 1971 TO 1984

[For years ending **June 30** except, beginning **1979**, ending **Sept. 30.** Reflects outlays, including effects of proposed legislation, for recipients aged 65 and over in most cases. Estimates based on Federal agency information—which may be administrative counts, samples, or less accurate estimates from Federal, State and program staff. Other Federal programs that assist the elderly (e.g. consumer activities, USDA extension service, National Park Service) have been excluded due to data limitations]

TYPE OF BENEFIT	BENEFITS (bil. dol.)								PERCENT		
	1971	1975	1979	1980	1981	1982	1983	1984	1971	1980	1984
Total outlays	**44.0**	**81.3**	**116.4**	**144.2**	**173.3**	**196.0**	**218.4**	**238.0**	**100.0**	**100.0**	**100.0**
Cash benefits	34.2	64.7	85.2	101.3	122.3	137.2	150.0	161.1	77.7	70.2	67.7
Social security	27.1	51.8	69.0	81.2	97.1	111.2	122.5	132.2	61.6	56.3	55.5
Railroad employees	1.7	2.8	3.2	3.6	4.1	4.0	3.8	4.1	3.9	2.5	1.7
Federal civilian employees	2.3	5.5	6.2	7.8	11.6	11.1	11.8	12.4	5.2	5.4	5.2
Uniformed services members	.7	1.1	.8	1.8	2.0	3.0	3.3	4.0	1.6	1.2	1.7
Coal miners [1]	.1	.2	1.1	1.3	1.2	1.3	1.3	1.3	.2	.9	.5
Supplemental security income	[2] 1.4	1.8	1.7	2.3	2.6	2.7	2.9	2.5	[2] 3.2	1.6	1.1
Veterans pensions [3]	.9	1.5	3.2	3.3	3.7	3.9	4.4	4.6	2.0	2.3	1.9
In-kind benefits	9.8	16.6	31.2	36.8	45.0	52.8	59.5	68.1	22.3	25.5	28.6
Medicare	7.5	12.8	24.6	29.3	35.8	42.6	48.4	56.4	17.0	20.3	23.7
Medicaid	1.9	2.6	4.3	4.7	6.0	6.0	6.5	6.9	4.3	3.3	2.9
Food stamps	.2	1.0	.5	.5	.9	.9	.6	.6	.5	.3	.3
Subsidized public housing	.2	.4	1.6	2.3	2.3	3.3	4.0	4.2	.5	1.6	1.8
Other [4]	(NA)	(NA)	.1	6.1	6.0	6.0	8.9	8.8	(NA)	4.2	3.7

NA Not available. [1] Prior to 1979, represents benefit for coal miners' widows only. [2] Represents Federal grants to States for aid to the aged, blind, and disabled. [3] Includes other veterans' compensation for aged beginning 1979. [4] Includes Administration on Aging, National Institute on Aging, ACTION, White House Conference on Aging, other Federal health programs, other Social Security benefits, Farmers Home Administration and Elderly Housing Loans programs, social services, energy assistance, unemployment, and other miscellaneous discretionary program outlays.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and unpublished data.

No. 601. Population 65 Years Old and Over, and Societal Support Ratios: 1960 to 1983

[**In millions, except as indicated.** As of **July.** Includes Armed Forces overseas. The support ratio is the number of elderly persons of a specified age per 100 persons defined by age or work status]

AGE GROUP	1960	1970	1980	1983	SUPPORT RATIO	1960	1970	1980	1983
Persons 65 years and over	16.7	20.1	25.7	27.4	Persons, 65 years old and over, per				
Percent, all ages	9.2	9.8	11.3	11.7	100 persons, 18–64 years old	17	17	19	19
65–69 years	6.3	7.0	8.8	9.0	Persons, 60 years old and over, per				
70–74 years	4.8	5.5	6.8	7.4	100 persons, 20–59 years old	27	29	30	30
75–79 years	3.1	3.9	4.8	5.3	Nonworkers, 65 years old and over,				
80–84 years	1.6	2.3	3.0	3.3	per 100 workers, 18–64 years old [1]	21	22	23	22
85 years and over	.9	1.4	2.3	2.5	Nonworkers, 60 years old and over,				
					per 100 workers, 20–59 years old [1]	28	30	31	30

[1] Nonworkers are persons not in labor force and workers are persons in civilian labor force. Labor force data are monthly averages based on the Current Population Survey; see text, pp. 1 and 2. Data from U.S. Bureau of Labor Statistics.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, Nos. 519 and 949, and unpublished data.

No. 602. Social Security (OASDI)—Covered Employment and Earnings: 1960 to 1983

[Includes Puerto Rico and Virgin Islands and, beginning 1965, American Samoa and Guam. OASDI: Old-age, survivors, and disability insurance. Represents all reported employment. Data are estimated. See also *Historical Statistics, Colonial Times to 1970,* series H 172–185]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Living covered workers [1]	Million	107.4	118.1	133.5	145.2	154.0	156.8	159.2	161.5	164.0	166.3
With insured status [2]	Million	76.6	92.9	105.3	120.0	128.8	132.7	136.7	140.3	143.2	146.3
Male	Million	49.2	55.7	61.7	68.1	71.8	73.6	75.4	76.8	78.0	79.2
Female	Million	27.4	37.2	43.6	51.9	57.0	59.1	61.3	63.5	65.2	67.1
Under 25 years old	Million	10.6	12.3	17.7	21.6	23.0	24.2	25.3	26.0	25.8	25.7
25–34 years old	Million	16.4	19.2	22.2	28.5	32.3	33.4	34.8	36.4	37.4	38.2
35–44 years old	Million	17.4	20.2	19.0	19.1	20.7	21.6	22.4	23.1	24.4	25.1
45–54 years old	Million	14.4	17.8	19.2	19.4	19.0	18.8	18.7	18.6	18.8	18.7
55–61 years old	Million	7.0	9.3	10.5	11.6	12.2	12.4	12.6	12.7	12.8	12.9
62–64 years old	Million	2.3	3.1	3.7	4.2	4.5	4.6	4.6	4.7	4.8	4.9
65–69 years old	Million	3.8	4.2	5.0	5.9	6.4	6.5	6.7	6.8	7.0	7.1
70 years old and over	Million	4.6	6.7	8.0	9.7	10.8	11.2	11.7	12.0	12.4	12.9
Workers reported with—											
Taxable earnings [3]	Million	73	81	93	100	111	114	114	116	113	116
Maximum earnings [3]	Million	20	29	24	15	17	11	10	9	8	7
Earnings in covered employment	Bil. dol.	265	352	532	787	1,088	1,217	1,321	1,448	1,499	1,598
Reported taxable [3]	Bil. dol.	207	251	416	665	916	1,069	1,175	1,301	1,354	1,453
Percent of total	Percent	78.1	71.3	78.2	84.5	84.0	87.8	88.9	89.8	90.3	90.9
Average per worker:											
Total earnings	Dollar	3,656	4,359	5,711	7,854	9,836	10,717	11,558	12,521	13,220	13,827
Taxable earnings [3]	Dollar	2,854	3,108	4,464	6,634	8,279	9,410	10,282	11,250	11,943	12,578

[1] Estimated number of persons who had covered employment at any time during the period 1937 to year shown; not adjusted to reflect effect of (a) provisions that coordinate the OASDI and railroad retirement programs and (b) wage credits for military service. Only partially adjusted to eliminate duplicate count of persons with taxable earnings reported on more than 1 account number; effect of such duplication is substantially less significant for the insured than for the uninsured. Includes persons currently insured and not insured, not shown separately. [2] Fully insured for retirement and/or survivor benefits.
[3] Includes self-employment. See table 604 for maximum taxable earnings.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

No. 603. Social Security (OASDHI)—Effect on Contributions of Changes in the Wage Base and Tax Rate: 1966 to 1984

[OASDHI=Old-age, survivors, disability, and health insurance programs. Effect of changes represents first full-year effect on contributions of changes in taxable wage base and combined tax rate]

YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (percent)	EFFECT OF CHANGES (bil. dol.)			YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (percent)	EFFECT OF CHANGES (bil. dol.)		
			Total	Wage base	Tax rate				Total	Wage base	Tax rate
1966	6,600	8.40	6.2	3.4	2.8	1976	15,300	([2])	2.1	2.1	([2])
1967	([2])	8.80	1.2	([2])	1.2	1977	16,500	([2])	2.1	2.1	([2])
1968	7,800	([2])	2.1	2.1	([2])	1978	17,700	12.10	5.6	2.1	3.5
1969	([2])	9.60	3.0	([2])	3.0	1979	22,900	12.26	9.5	8.0	1.6
1971	([2])	10.40	3.2	([2])	3.2	1980	25,900	([2])	3.6	3.6	([2])
1972	9,000	([2])	2.9	2.9	([2])	1981	29,700	13.30	16.9	4.2	12.7
1973	10,800	11.70	10.8	4.6	6.2	1982	32,400	13.40	4.1	2.8	1.3
1974	13,200	([2])	3.9	3.9	([2])	1983	35,700	([2])	3.1	3.1	([2])
1975	14,100	([2])	1.4	1.4	([2])	1984	37,800	14.00	[3] 10.9	1.9	[3] 9.0

[1] Employee and employer contribute equally. [2] No increase occurred. [3] $4.5 billion of this increase was offset by employee tax credit.

Source: U.S. Social Security Administration, unpublished data.

No. 604. Social Security (OASDHI)—Contribution Rates: 1970 to 1988

[As of **January 1**, except as noted. OASDI=Old-age, survivors, and disability insurance; HI=Hospital insurance]

YEAR	Annual maximum taxable earnings (dol.)	Maximum tax (dol.)	CONTRIBUTION RATES (percent)						Supplementary medical insurance, monthly rate (dol.)
			Each employer and employee			Self-employed			
			Total	OASDI	HI	Total	OASDI	HI	
In effect:									
1970	7,800	374	4.80	4.20	.60	6.90	6.30	.60	[1] 5.30
1975	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70
1979	22,900	1,404	6.13	5.08	1.05	8.10	7.05	1.05	[1] 8.70
1980	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	[1] 9.60
1981	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	[1] 11.00
1982	32,400	2,171	6.70	5.40	1.30	9.35	8.05	1.30	[1] 12.20
1983	35,700	2,392	6.70	5.40	1.30	9.35	8.05	1.30	12.20
1984	37,800	[2] 2,533	[3] 7.00	5.70	1.30	14.00	11.40	2.60	[1] 14.60
1985	([4])	([4])	7.05	5.70	1.35	14.10	11.40	2.70	(NA)
Future schedule:									
1986	([4])	([4])	7.15	5.70	1.45	14.30	11.40	2.90	(NA)
1987	([4])	([4])	7.15	5.70	1.45	14.30	11.40	2.90	(NA)
1988	([4])	([4])	7.51	6.06	1.45	15.02	12.12	2.90	(NA)

NA Not available. [1] Effective July 1. [2] Employee's maximum tax; see footnote 3. [3] Employee pays 6.7 percent. Employee's additional .3 percent is supplied from general revenues. [4] *Will be adjusted by Federal law to reflect increasing income levels.*

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 605. Social Security (OASDHI) Trust Funds: 1970 to 1983

[**In millions of dollars, except percent.** See also *Historical Statistics, Colonial Times to 1970*, series H 238-242]

TYPE OF TRUST FUND	1970	1975	1977	1978	1979	1980	1981	1982	1983
Old-age and survivors insurance (OASI):									
Net contribution income [1]	30,256	56,816	69,572	75,471	87,919	103,456	122,627	123,673	[2] 138,337
Transfers from general revenue [3]	449	425	613	614	557	540	674	680	[4] 5,541
Interest received	1,515	2,364	2,227	2,008	1,797	1,845	2,060	[5] 845	[6] 6,706
Benefit payments	28,796	58,509	73,113	80,352	90,556	105,074	[7] 123,796	[7] 138,800	[8] 149,214
Administrative expenses	471	896	981	1,115	1,113	1,154	1,307	1,519	1,534
Percent of benefit payments	1.6	1.5	1.3	1.4	1.2	1.1	1.1	1.1	1.0
Assets, end of year	32,454	36,987	32,491	27,520	24,660	22,824	21,490	[9] 22,088	[9] 19,672
Reserve ratio [10] (percent)	111	62	44	34	27	21	17	16	13
Disability insurance (DI):									
Net contribution income [1]	4,481	7,444	9,138	13,413	15,114	13,255	16,738	21,995	[2] 17,991
Transfers from general revenue [3]	16	90	128	142	118	130	168	174	[4] 1,121
Interest received	277	502	304	256	358	487	172	546	[6] 1,569
Benefit payments	3,067	8,414	11,463	12,513	13,708	15,437	[7] 17,200	[7] 17,338	[8] 17,482
Administrative expenses	164	256	399	325	371	368	436	590	664
Percent of benefit payments	5.3	3.0	3.5	2.6	2.7	2.4	2.5	3.4	3.8
Assets, end of year	5,614	7,354	3,370	4,226	5,630	3,629	3,049	[11] 2,691	[11] 5,195
Reserve ratio [10] (percent)	174	85	28	33	40	23	17	15	29
Hospital insurance (HI):									
Net contribution income [1]	4,881	11,509	14,126	17,336	20,784	23,866	32,981	34,610	[2] 38,169
Transfers from general revenue [3]	874	669	946	[12] 858	[12] 908	[12] 871	[12] 900	1,015	[4] 2,756
Interest received	161	671	784	822	956	1,138	1,586	2,022	[6] 3,285
Benefit payments	5,124	11,318	15,743	17,688	20,630	25,067	30,342	35,631	39,337
Administrative expenses	157	263	276	460	410	476	337	513	537
Percent of benefit payments	3.1	2.3	1.8	2.6	2.0	1.9	1.1	1.4	1.4
Assets, end of year	3,202	10,517	10,442	11,477	13,228	13,749	18,748	[13] 8,164	[13] 12,858
Reserve ratio [10] (percent)	61	91	65	63	63	54	61	23	32
Supplementary medical insurance (SMI):									
Net contribution income [1]	1,096	1,918	2,247	2,469	2,719	3,011	[14] 3,722	[14] 3,697	4,236
Transfers from general revenue	1,093	2,648	5,386	6,287	6,645	7,455	[14] 11,291	[14] 12,284	14,861
Interest received	12	106	172	299	404	408	361	599	725
Benefit payments	1,975	4,273	6,038	7,252	8,708	10,635	13,113	15,455	16,106
Administrative expenses	238	462	467	503	557	610	927	772	877
Percent of benefit payments	12.0	10.8	7.7	6.9	6.4	5.7	7.0	5.0	4.8
Assets, end of year	188	1,444	3,099	4,400	4,902	4,530	5,877	6,230	7,070
Reserve ratio [10] (percent)	8	30	48	57	53	40	42	38	37

[1] Includes deposits by States and deductions for refund of estimated employee-tax overpayment. For supplementary medical insurance, represents voluntary premium payments from and on behalf of insured persons. [2] Includes retroactive contributions on wage credits for military service in 1957–82, less all reimbursements received prior to 1983 for the costs of such credits. [3] Appropriations to meet benefit costs arising from noncontributory military wage credits, and special age-72 benefits and cost of hospital benefits for persons uninsured for OASDHI or railroad retirement cash benefits. [4] Reflects lump-sum payment for noncontributory wage credits for military service performed before 1957. [5] Excludes $319 million for loss on securities sold. [6] Includes interest on interfund borrowings, interest on advance tax transfers and, for OASI and DI, interest on reimbursement for unnegotiated checks. Also reflects interest on deemed wage credits for military service performed after 1956. [7] Benefits that were paid on December 31, 1981 rather than January 3, 1982 which was a Sunday, are included in the 1982 figure so that 1981 and 1982 data each reflect 12 months of benefit payments. [8] Reflects a deduction for unnegotiated checks. [9] Includes $18 billion borrowed from the DI and HI trust funds. [10] Assets at end of year as a percentage of benefit payments and administrative expenses during the year. [11] Excludes $5 billion loaned to the OASI trust fund. [12] Includes reimbursements for Professional Standards Review Organization. [13] Excludes $12 billion loaned to the OASI trust fund. [14] See footnote 7. SMI premiums withheld from the checks ($264 million) and the general revenue matching contribution ($883 million) were added to the SMI Trust Fund on December 31, 1981. These amounts have been excluded from the estimated premium income and general revenue income for 1982.

Source: U.S. Social Security Administration, *Annual Report of Board of Trustees, OASI, DI, HI, and SMI Trust Funds.* Also published in *Social Security Bulletin*, monthly.

No. 606. Social Security (OASDI)—Benefits, by Type of Beneficiary: 1970 to 1983

[OASDI=Old-age, survivors, and disability insurance. A person eligible to receive more than one type of benefit is generally classified or counted only once as a retired-worker beneficiary. See also headnote, table 602; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 197-229]

TYPE OF BENEFICIARY	1970	1975	1977	1978	1979	1980	1981	1982	1983
	BENEFITS IN CURRENT-PAYMENT STATUS [1] (end of year)								
Number of benefits (1,000)	**26,229**	**32,086**	**34,079**	**34,586**	**35,125**	**35,585**	**36,006**	**35,839**	**36,085**
Retired workers [2] (1,000)	13,349	16,588	17,821	18,358	18,970	19,562	20,195	20,763	21,419
Disabled workers [3] (1,000)	1,493	2,489	2,837	2,880	2,871	2,859	2,777	2,604	2,569
Wives and husbands [2 4] (1,000)	2,952	3,320	3,457	3,471	3,467	3,477	3,459	3,405	3,347
Children [5] (1,000)	4,122	4,972	5,083	4,938	4,794	4,607	4,430	3,883	3,593
Widowed mothers [6] (1,000)	523	582	583	576	574	562	548	515	400
Widows and widowers [2 7] (1,000)	3,227	3,889	4,119	4,212	4,321	4,411	4,508	4,595	4,694
Parents [2] (1,000)	29	21	18	17	16	15	14	12	11
Special benefits [8] (1,000)	534	224	159	134	112	93	76	63	51
Average monthly benefit, current dollars:									
Retired workers [2]	118	207	243	263	294	341	386	419	441
Retired worker and wife [2]	199	344	404	438	489	567	(NA)	702	(NA)
Disabled workers [3]	131	226	265	288	322	371	413	441	456
Wives and husbands [2 4]	59	100	117	126	141	164	186	203	217
Widowed mothers [6]	87	147	174	190	213	246	277	303	309
Widows and widowers, nondisabled [2]	102	194	224	241	270	311	349	379	396
Parents [2]	103	172	198	214	239	276	310	335	350
Special benefits [8]	45	69	78	83	92	105	116	125	129
Average monthly benefit, constant (1983) dollars: [9]									
Retired workers [2]	301	378	396	394	390	401	416	435	441
Retired worker and wife [2]	507	628	659	655	648	666	(NA)	729	(NA)
Disabled workers [3]	334	412	432	431	427	436	445	458	456
Wives and husbands [2 4]	150	183	191	188	187	193	201	211	217
Widowed mothers [6]	222	268	284	284	282	289	299	315	309
Widows and widowers, nondisabled [2]	260	254	365	361	358	365	376	393	396
	BENEFITS AWARDED DURING YEAR (1,000)								
Number of benefits	**3,722**	**4,427**	**4,611**	**4,166**	**4,227**	**4,215**	**4,059**	**3,859**	**3,756**
Retired workers [2]	1,338	1,506	1,594	1,480	1,597	1,620	1,600	1,625	1,670
Full benefits payable	114	117	114	142	139	132	135	(NA)	(NA)
Reduced benefits [10]	745	964	1,075	974	1,017	1,028	1,025	(NA)	(NA)
Other [11]	479	425	404	364	441	460	440	(NA)	(NA)
Disabled workers [3]	350	592	569	457	409	389	345	299	311
Wives and husbands [2 4]	436	499	543	477	471	469	437	430	436
Children [5]	1,091	1,332	1,366	1,234	1,191	1,174	1,094	922	753
Widowed mothers [6]	112	116	119	110	110	108	100	87	82
Widows and widowers [2 7]	363	377	417	404	446	452	481	495	502
Parents [2]	2	1	1	1	1	1	1	1	(Z)
Special benefits [8]	30	4	3	3	2	1	1	1	1
	BENEFIT PAYMENTS DURING YEAR (mil. dol.)								
Total amount [12]	**31,863**	**66,923**	**84,576**	**92,865**	**104,263**	**120,472**	**140,995**	**156,137**	**167,033**
Monthly benefits [13]	31,570	66,586	84,264	92,520	103,923	120,118	140,662	155,934	166,827
Retired workers [2]	18,437	38,078	48,134	53,255	60,379	70,359	83,614	95,123	103,578
Disabled workers [3]	2,448	6,908	9,456	10,315	11,333	12,817	14,379	14,810	15,196
Wives and husbands [2 4]	2,194	4,104	5,057	5,525	6,135	7,043	8,226	9,191	9,934
Children [5]	3,517	6,643	8,183	8,671	9,416	10,514	11,764	11,302	10,782
Widowed mothers [6]	574	1,009	1,189	1,284	1,409	1,572	1,760	1,861	1,771
Widows and widowers [2 7]	4,055	9,596	12,055	13,278	15,071	17,638	20,749	23,488	25,425
Parents [2]	39	50	52	51	52	55	58	59	56
Special benefits [8]	306	198	157	142	128	119	110	100	85
Lump sum	294	337	312	344	340	355	332	203	205

NA Not available. Z Fewer than 500. [1] Benefit payment actually being made at a specified time with no deductions or with deductions amounting to less than a month's benefits; i.e., the benefits actually being received. [2] 62 years and over. [3] Disabled workers under age 65. [4] Includes wife beneficiaries with entitled children in their care and entitled divorced wives. [5] Includes disabled persons aged 18 and over whose disability began before age 18 (22, beginning Jan. 1973) and entitled full-time students aged 18-21. [6] Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. [7] Includes widows aged 60-61, surviving divorced wives aged 60 and over, disabled widows and widowers aged 50 and over; and beginning Jan. 1973, widowers aged 60-61. [8] Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. [9] Constant dollar figures are based on the consumer price index published by the U.S. Bureau of Labor Statistics; see table 789. [10] Benefits payable with reduction for early retirement, at ages 62-64. [11] Includes awards suspended chiefly because of earnings of the retired worker and awards converted from disability awards to retirement awards on attainment of age 65. Also includes awards to transitionally insured persons aged 72 and over. [12] Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified. [13] Distribution by type estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 607. Social Security (OASDI)—Beneficiaries, Benefit Payments, and Average Monthly Benefits, 1970 to 1983, and by States and Other Areas, 1983

[Number of beneficiaries in current-payment status and average monthly benefit as of **December**. OASDI=Old-age, survivors, and disability insurance. See also headnote, table 606, and Appendix III]

Year, division, state or other area	Number of beneficiaries (1,000)				Benefit payments (mil. dol.)				Average monthly benefits (dol.)		
	Total [1]	Retired workers [2]	Survivors	Disabled workers [2]	Total [1]	Retired workers [2]	Survivors [3]	Disabled workers [2]	Retired workers [4]	Disabled workers	Widows and widowers [5]
1970	26,229	16,559	6,470	2,665	31,863	20,770	7,721	3,067	118	131	102
1975	32,066	20,099	7,411	4,353	66,923	42,447	15,864	8,414	207	226	194
1978	34,586	21,998	7,586	4,869	92,865	59,159	21,051	12,513	263	288	241
1979	35,125	22,501	7,622	4,777	104,263	66,947	23,480	13,706	294	322	270
1980	35,585	23,216	7,598	4,678	120,472	77,906	27,010	15,437	341	371	311
1981	36,006	23,859	7,615	4,456	140,995	92,478	31,206	17,200	386	413	349
1982	35,839	24,362	7,442	3,973	155,137	104,885	33,816	17,398	418	441	378
1983, total [6]	36,085	24,970	7,251	3,813	167,033	114,048	35,369	17,530	441	456	396
U.S.	35,216	24,482	7,054	3,629	164,428	112,613	34,709	17,021	(NA)	(NA)	(NA)
N. Eng.	2,022	1,483	359	176	9,830	7,125	1,869	828	(NA)	(NA)	(NA)
Maine	198	140	37	21	875	605	178	91	408	429	382
New Hampshire	145	108	25	13	693	509	126	58	444	456	413
Vermont	81	57	16	8	375	261	76	38	434	441	393
Massachusetts	932	684	169	78	4,516	3,263	881	368	447	458	420
Rhode Island	173	126	29	18	827	594	148	84	444	442	413
Connecticut	491	369	84	38	2,544	1,893	460	189	485	471	440
Mid. Atl.	6,083	4,316	1,166	591	30,722	21,528	6,185	2,993	(NA)	(NA)	(NA)
New York	2,807	1,999	520	283	14,291	10,101	2,755	1,427	474	480	428
New Jersey	1,171	842	217	111	6,036	4,297	1,170	566	481	479	435
Pennsylvania	2,105	1,475	429	198	10,395	7,130	2,260	1,000	460	476	420
E. No. Cent.	6,302	4,360	1,312	622	30,999	21,106	6,660	3,019	(NA)	(NA)	(NA)
Ohio	1,652	1,113	363	174	7,979	5,247	1,883	845	458	480	419
Indiana	837	578	171	87	4,113	2,800	891	421	463	478	418
Illinois	1,656	1,171	343	140	8,250	5,781	1,791	674	471	477	425
Michigan	1,379	932	291	155	6,889	4,583	1,540	784	473	503	427
Wisconsin	778	566	145	66	3,768	2,695	755	315	454	470	416
W. No. Cent.	2,851	2,060	557	227	13,111	9,295	2,779	1,031	(NA)	(NA)	(NA)
Minnesota	623	462	118	42	2,660	2,071	596	191	426	455	396
Iowa	501	365	99	36	2,361	1,686	505	168	444	453	409
Missouri	861	601	170	89	3,930	2,695	830	403	428	450	390
North Dakota	106	77	22	7	460	327	104	28	415	416	380
South Dakota	121	87	25	9	516	364	116	37	404	425	374
Nebraska	256	189	49	17	1,181	855	248	78	433	438	398
Kansas	383	280	75	27	1,803	1,297	380	126	445	449	405
So. Atl.	6,164	4,221	1,224	711	27,434	18,492	5,677	3,257	(NA)	(NA)	(NA)
Delaware	90	63	18	10	441	302	91	49	461	465	419
Maryland	550	381	117	52	2,601	1,758	584	258	443	469	405
District of Columbia	81	57	17	8	342	237	73	36	382	398	350
Virginia	737	486	159	92	3,197	2,057	732	404	410	436	365
West Virginia	353	210	86	57	1,583	920	410	253	433	476	376
North Carolina	923	607	199	116	3,866	2,510	850	506	401	419	338
South Carolina	462	288	105	68	1,922	1,191	441	289	403	421	337
Georgia	780	483	178	118	3,239	1,979	761	496	397	422	345
Florida	2,187	1,648	346	191	10,241	7,538	1,735	964	439	466	409
E. So. Cent.	2,411	1,506	557	345	9,854	6,028	2,382	1,437	(NA)	(NA)	(NA)
Kentucky	599	369	138	92	2,490	1,488	611	388	397	443	351
Tennessee	744	481	162	100	3,114	1,970	711	430	401	428	347
Alabama	643	400	157	86	2,653	1,616	672	364	397	432	341
Mississippi	424	256	100	67	1,597	953	388	255	367	407	313
W. So. Cent.	3,367	2,208	793	362	14,300	9,168	3,542	1,592	(NA)	(NA)	(NA)
Arkansas	437	288	90	59	1,760	1,133	377	249	385	425	336
Louisiana	575	337	154	83	2,375	1,360	667	348	404	442	358
Oklahoma	484	334	104	46	2,109	1,415	462	211	414	438	371
Texas	1,870	1,250	445	174	8,056	5,260	2,016	778	418	442	377
Mt.	1,589	1,113	309	154	7,106	4,950	1,452	702	(NA)	(NA)	(NA)
Montana	122	86	24	12	555	383	121	51	431	461	401
Idaho	139	101	25	12	625	448	124	53	430	457	396
Wyoming	52	37	11	4	239	167	54	17	439	454	403
Colorado	347	243	70	33	1,567	1,066	347	153	430	458	398
New Mexico	179	117	39	22	747	498	170	91	415	446	389
Arizona	462	335	80	48	2,137	1,524	369	224	448	461	411
Utah	158	114	31	12	730	522	153	55	448	472	414
Nevada	110	79	19	12	506	354	94	58	442	480	410
Pac.	4,446	3,214	786	441	21,072	14,927	3,963	2,172	(NA)	(NA)	(NA)
Washington	611	451	107	53	2,954	2,136	553	263	458	479	417
Oregon	431	320	72	38	2,065	1,504	371	189	451	475	413
California	3,261	2,398	581	397	15,415	10,825	2,918	1,664	448	468	412
Alaska	23	14	7	3	102	61	28	12	450	480	376
Hawaii	121	92	20	9	536	401	92	44	440	452	384
Puerto Rico	543	281	98	163	1,453	724	292	438	276	360	253
Guam	3	2	1	–	10	5	3	1	333	379	282
American Samoa	3	1	1	1	5	3	2	1	270	320	236
Virgin Islands	8	5	2	1	30	20	7	3	399	404	340
Foreign	312	199	94	19	1,108	685	357	66	357	438	334

– Represents zero. NA Not available. [1] Includes special benefits; see footnote 9, table 606. [2] Includes benefits payable to dependents. [3] Includes lump-sum payments to survivors of deceased workers. [4] Excludes persons with special benefits. [5] Nondisabled only. [6] Preliminary.

Source: U.S. Social Security Administration. Periodically in *Social Security Bulletin*.

No. 608. Social Security (OASDI)—Retirement Benefits, by Sex: 1970 to 1983

[As of **end of year.** Benefits in current-payment status. OASDI=Old-age, survivors, and disability insurance. Persons who retire at age 65 or older receive *full benefits*; those who retire between ages 62 and 64 receive reduced benefits. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 245-259]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
MALE										
Number receiving benefits [1]	1,000	7,688	9,164	9,714	9,928	10,192	10,461	10,767	11,030	11,358
Full benefits	1,000	4,930	4,699	4,583	4,536	4,607	4,587	4,586	4,647	4,722
Reduced benefits	1,000	2,758	4,465	5,131	5,392	5,586	5,874	6,181	6,383	6,636
Average monthly benefits, total	Dollars	131	228	268	292	327	380	431	470	495
Full	Dollars	139	247	293	320	359	420	480	526	566
Reduced [2]	Dollars	115	207	246	268	300	350	395	427	444
FEMALE										
Number receiving benefits [1]	1,000	5,661	7,424	8,106	8,430	8,778	9,101	9,428	9,733	10,060
Full benefits	1,000	2,352	2,521	2,669	2,684	2,772	2,811	2,839	2,900	2,977
Reduced benefits	1,000	3,309	4,903	5,438	5,745	6,006	6,291	6,589	6,834	7,082
Average monthly benefits, total	Dollars	101	182	213	230	257	297	334	362	380
Full	Dollars	112	206	243	265	297	347	394	433	461
Reduced [2]	Dollars	94	169	198	214	238	275	309	332	346

[1] Includes disability beneficiaries who attained age 65. [2] After reduction.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly. Data are published quarterly.

No. 609. Social Security—Child Beneficiaries and Benefits: 1970 to 1983

[*Benefits in current-payment status at end of year. For explanation of methodology, see Appendix III*]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983
Beneficiaries (1,000):									
Children	4,122	4,972	5,083	4,938	4,794	4,607	4,430	3,683	3,593
Under age 18	3,315	3,835	3,813	3,701	3,566	3,423	3,206	2,934	2,812
Disabled children [1]	271	362	404	420	435	450	463	472	488
Students, 18-21 years old	537	774	865	817	793	733	761	476	293
Of retired workers	546	643	679	661	652	639	633	558	513
Of deceased workers	2,688	2,919	2,875	2,780	2,711	2,610	2,546	2,321	2,144
Of disabled workers	889	1,411	1,528	1,497	1,431	1,358	1,252	1,004	936
***Annual benefits* (mil. dol.):**									
Children	3,517	6,643	8,163	8,671	9,416	10,514	11,764	11,302	10,782
Under age 18	2,701	4,823	5,758	5,983	6,682	7,374	8,068	8,312	8,330
Disabled children [1]	250	537	710	780	892	1,048	1,236	1,387	1,497
Students, 18-21 years old	566	1,283	1,695	1,908	1,842	2,093	2,461	1,602	955
Of retired workers	303	634	746	921	1,014	1,142	1,321	1,223	1,143
Of deceased workers	2,760	4,888	5,914	6,093	6,608	7,389	8,307	8,204	7,911
Of disabled workers	454	1,121	1,503	1,657	1,794	1,982	2,136	1,875	1,726
Average monthly benefits, Dec. (dollars):									
Children of retired workers	45	77	95	106	119	140	161	165	176
Children of deceased workers	82	139	166	182	206	240	271	285	298
Children of disabled workers	39	62	75	83	95	110	123	128	136

[1] 18 years old and over. Disability began before age 18 and, beginning 1973, before age 22.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 610. Railroad Retirement and Survivor Benefits: 1970 to 1983

[For years ending **June 30** except, beginning **1978**, ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970*, series H 271-286]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Average number of railroad employees	1,000	650	575	538	555	539	512	459	401
Retirement and survivor benefits:									
Monthly benefits awarded	1,000	99	137	87	84	83	83	84	81
Recipients	1,000	1,051	1,094	1,101	1,093	1,084	1,074	1,067	1,056
Monthly benefits in current payment status (end of year)	1,000	1,036	1,160	1,204	1,205	1,203	1,203	1,201	1,193
Benefit payments	Mil. dol	1,594	3,060	3,988	4,275	4,731	5,287	5,726	6,041

Source: U.S. Railroad Retirement Board, *Annual Report.*

No. 611. Indexes of Pensions, Average Weekly Earnings, and Consumer Prices, Selected Countries: 1975 to 1982

[1970=100. Relates to national social security systems. Pensions and wages data refer to average worker in manufacturing; price trend based on annual changes in consumer price index]

Country and index	1975	1980	1982	Annual percent change	
				1975–1980	1980–1982
United States:					
Pensions	147	209	265	7.3	12.6
Wages	143	216	248	8.6	7.1
Prices	139	212	249	8.8	8.4
Canada:					
Pensions	151	229	286	8.7	11.7
Wages	163	264	323	10.1	10.6
Prices	143	217	270	8.7	11.6
France:					
Pensions	180	340	413	13.6	10.2
Wages	193	354	454	12.9	13.3
Prices	153	251	319	10.4	12.7
Germany, Fed. Rep.:					
Pensions	160	212	234	5.8	5.1
Wages	150	210	228	7.0	4.2
Prices	135	164	183	4.0	5.6
Italy:					
Pensions	224	572	921	20.6	26.9
Wages (hourly)	296	773	1,095	21.2	19.0
Prices	171	369	514	16.6	18.0
Japan:					
Pensions	285	676	686	18.9	.7
Wages (avg. mo.)	229	342	377	8.4	5.0
Prices	172	236	255	6.5	4.0
Netherlands:					
Pensions	198	322	353	10.2	4.7
Wages	192	265	299	6.7	6.2
Prices	151	203	230	6.1	6.4
Sweden:					
Pensions	182	329	447	12.6	16.6
Wages (hourly)	176	291	336	10.6	7.5
Prices	147	242	294	10.5	10.2
Switzerland:					
Pensions	250	275	310	1.9	6.2
Wages	171	202	231	3.4	6.9
Prices	145	163	183	2.4	6.0
United Kingdom:					
Pensions	200	466	592	18.4	12.7
Wages	220	452	509	15.5	6.1
Prices	184	361	438	14.4	10.2

Source: U.S. Social Security Administration, unpublished data.

No. 612. Earnings Replacement Rates of Retirement Benefits—Selected Countries: 1969 to 1980

[**In percent.** Data represent social security old-age pensions at the time of retirement as a percent of earnings in year before retirement for workers with average wages in manufacturing. The replacement rates have not been adjusted to reflect the effect of differences in the treatment of social security benefits under the respective countries' income tax laws. Data for retired couples assume one working spouse and one nonworking spouse]

Country	Single worker						Aged couple					
	1969	1975	1977	1978	1979	1980	1969	1975	1977	1978	1979	1980
United States	30	38	40	41	41	44	44	58	60	61	62	66
Canada	24	33	33	32	33	34	41	47	47	47	48	49
France	41	60	64	67	67	66	56	74	78	79	77	75
Germany, Fed. Rep	55	51	54	54	50	49	55	51	54	54	50	49
Italy	62	61	64	66	66	69	62	61	64	66	66	69
Japan	26	37	53	54	54	54	27	39	57	57	57	61
Sweden	42	57	59	63	68	68	56	73	73	79	79	83
United Kingdom	27	31	28	29	29	31	43	47	43	45	45	47

Source: U.S. Social Security Administration, *Social Security Bulletin*, November 1982.

No. 613. Employee-Employer Payroll Tax Rates For Social Security Programs—Selected Countries: 1980 to 1982

[**In percent.** Covers old-age, disability and survivors insurance, public health or sickness insurance, workers' compensation, unemployment insurance, and family allowance programs]

Country	All social security programs					Old-age, disability and survivors insurance				
	1980, total	1981, total	1982			1980, total	1981, total	1982		
			Total	Employer	Employee			Total	Employer	Employee
United States	16.81	17.60	17.40	10.70	6.70	10.16	10.70	10.80	5.40	5.40
Canada	8.44	9.52	[1] 9.86	[1] 5.61	[1] 4.25	3.60	3.60	3.60	1.80	1.80
France	48.45	48.55	48.55	37.41	11.14	[2] 12.90	[2] 13.00	[2] 13.00	[2] 8.20	[2] 4.80
Germany, Fed. Rep	34.00	34.75	35.60	18.80	16.80	18.00	18.50	18.00	9.00	9.00
Italy	55.02	55.02	56.71	48.41	8.30	24.46	24.46	24.46	17.31	7.15
Japan	20.57	22.85	22.94	12.84	10.10	9.10	10.60	10.60	5.30	5.30
Sweden	32.43	32.76	29.96	29.85	.11	20.80	21.15	18.46	18.35	.11
United Kingdom	20.45	21.45	22.45	13.70	8.75	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Excludes work-injury compensation program. [2] Disability and survivors benefits financed through sickness insurance.

Source: U.S. Social Security Administration, Office of International Policy, "Payroll Tax Rates for Social Security Programs, 1980," mimeo (November 1980) and unpublished data.

No. 614. Individual Retirement Account (IRA), Keogh Account and Pension Plan Coverage of Employed Persons: 1983

[**In thousands, except percent.** As of **May.** Covers only persons employed for pay. Data based on supplement to Current Population Survey (see text, pp. 1 and 2) conducted for U.S. Dept. of Health and Human Service and Employee Benefit Research Institute]

Sex, age, and class of worker	Employed persons	IRA and Keogh account				Wage and salary workers [3]	Pension plan coverage			
		Persons with an IRA		Persons with spousal IRA	Persons with Keogh account [2]		Persons covered		Persons participating in plan	Persons with vesting [4]
		Number	Percent of employed [1]				Number	Percent of wage and salary workers [1]		
Total	**98,964**	**16,713**	**17.1**	**1,954**	**988**	**90,117**	**49,792**	**60.5**	**40,873**	**22,295**
Male	56,028	10,224	18.4	1,812	769	49,753	28,715	63.1	24,948	14,273
Female	42,936	6,489	15.2	142	218	40,364	21,077	57.3	15,924	8,022
16-20 yr. old	7,953	80	1.0	–	–	7,774	1,724	26.6	423	94
21-24 yr. old	11,174	365	3.3	5	24	10,813	4,705	49.7	2,813	843
25-34 yr. old	28,773	3,108	10.9	113	127	26,624	15,306	62.4	12,437	5,148
35-44 yr. old	21,484	3,967	18.7	279	214	19,284	12,285	68.2	10,961	6,432
45-54 yr. old	15,493	4,532	29.6	580	279	13,760	8,779	66.7	8,024	5,252
55-64 yr. old	11,218	4,169	37.5	854	284	9,835	6,295	68.5	5,744	4,174
65 yr. old and over	2,870	491	17.3	124	58	2,027	697	38.5	471	353
Private	74,134	12,041	16.4	1,475	479	74,134	36,690	54.8	29,336	14,799
Federal government	3,226	778	24.4	64	14	3,226	2,800	89.8	2,552	1,737
State government	3,775	648	17.3	81	28	3,775	3,196	88.2	2,774	1,849
Local government	8,665	1,592	18.5	104	28	8,665	7,005	84.7	6,140	3,878
Self-employed	9,165	1,654	18.3	229	439	318	101	33.2	71	32

– *Represents zero.*
[1] Based on number of persons who responded "yes" or "no" to question of coverage.
[2] A retirement plan similar to IRAs which is available to self-employed persons and unincorporated partnerships.
[3] Includes self-employed persons who also held a wage and salary job.
[4] Persons with pension plan coverage that is irrevocable on the part of the employer. When an employee is vested in a plan, he *can draw the expected benefits at retirement age, even if that employment was terminated earlier.*

Source: Employee Benefit Research Institute, Washington, DC, *Individual Retirement Accounts: Characteristics and Policy Implications,"* Issue Brief #32, 1984, and *New Survey Findings on Pension Coverage and Benefit Entitlement,"* Issue Brief #33, 1984.

No. 615. Pension Plan Coverage of Civilian Workers by Wage or Salary Income: 1982

[Covers civilian workers as of **March** of following year who had earnings in year shown. Based on Current Population Survey; see text, pp. 1 and 2.]

Race, Spanish origin, sex, and age	Number with coverage (1,000)					Percent of total civilian workers				
	Total [1]	$5,000-$9,999	$10,000-$14,999	$15,000-$19,999	$20,000 and over	Total [1]	$5,000-$9,999	$10,000-$14,999	$15,000-$19,999	$20,000 and over
Total [2]	**46,799**	**5,447**	**9,368**	**9,172**	**20,669**	**43.8**	**28.5**	**51.0**	**66.8**	**75.9**
White	*41,084*	*4,508*	*7,838*	*7,935*	*19,004*	*44.0*	*28.0*	*50.0*	*66.4*	*75.8*
Black	4,637	822	1,315	1,018	1,189	42.6	33.0	59.2	72.2	80.1
Spanish origin [3]	1,973	351	533	361	619	34.0	24.2	44.3	60.4	70.9
Male [4]	28,372	1,822	3,780	5,078	16,903	48.9	24.1	44.4	62.6	75.4
15-24 yr. old	*2,058*	*466*	*578*	*396*	*392*	*15.2*	*17.0*	*30.2*	*46.0*	*54.7*
25-34 yr. old	8,087	526	1,304	1,886	4,182	50.0	23.3	43.4	58.6	68.7
35-44 yr. old	7,473	256	696	1,153	5,271	64.7	27.1	49.0	66.7	77.5
45-64 yr. old	10,225	471	1,111	1,572	6,850	68.3	37.1	56.0	71.8	81.2
Female [4]	18,427	3,625	5,588	4,094	3,766	37.7	31.5	56.7	73.0	78.1
15-24 yr. old	1,982	633	715	251	123	15.9	23.2	43.4	58.2	67.2
25-34 yr. old	5,813	972	1,911	1,452	1,143	42.2	30.3	56.5	69.4	72.5
35-44 yr. old	4,548	773	1,211	1,095	1,138	47.3	33.6	58.6	77.1	80.7
45-64 yr. old	5,778	1,161	1,694	1,255	1,307	49.5	38.9	63.7	78.3	83.0

[1] Includes workers with income under $5,000, not shown separately. [2] Includes other races, not shown separately.
[3] Persons of Spanish origin may be of any race. [4] Includes persons 65 years old and over, not shown separately.
Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 143.

No. 616. Assets of Private and Public Pension Funds, by Type of Fund: 1970 to 1983

[In billions of dollars. As of end of year. Except for corporate equities, represents book value. Excludes Social Security trust funds, see table 605]

TYPE OF PENSION FUND	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all types	**239.4**	**365.7**	**427.7**	**465.2**	**531.1**	**598.6**	**727.1**	**796.2**	**932.6**	**1,105.6**
Private funds	151.6	219.0	260.9	279.8	317.5	361.2	452.6	485.8	570.5	679.9
Insured	41.2	72.2	89.0	101.5	119.1	139.2	165.8	192.7	228.9	270.6
Noninsured [1]	110.4	146.8	171.9	178.3	198.3	222.0	286.8	293.1	341.6	409.3
Corporate equities	67.1	88.6	109.7	101.9	107.9	123.7	175.8	167.1	200.4	250.7
U.S. Government securities	3.0	10.8	14.7	20.1	22.2	25.0	30.9	40.0	53.5	68.6
Corporate bonds [2]	29.4	35.8	35.5	42.1	48.0	53.7	58.1	61.7	65.1	68.2
Other	10.9	11.8	12.0	14.2	20.3	19.7	22.1	24.3	22.5	21.8
Public funds	87.8	146.7	166.9	185.4	213.6	237.4	274.5	310.4	362.1	425.7
State and local government	60.3	104.8	120.4	132.5	153.9	169.7	198.1	224.2	264.2	313.7
Corporate bonds [2]	35.1	61.8	66.9	72.9	81.9	85.0	94.5	104.7	112.1	116.6
Corporate equities	8.0	23.2	26.4	30.0	32.7	36.8	42.1	50.5	58.1	75.5
U.S. Government securities	6.6	7.8	10.9	16.3	23.4	30.1	40.0	50.7	69.0	85.5
Other	10.6	12.0	16.2	13.2	15.9	17.8	21.4	18.3	24.9	36.1
U.S. Government	27.5	41.9	46.4	52.9	59.8	67.7	76.4	86.2	97.9	112.0
Civil service [3]	23.0	38.5	43.1	50.0	56.7	64.6	73.9	84.8	97.4	111.4
Railroad retirement	4.5	3.4	3.3	2.9	3.1	3.1	2.5	1.4	.5	.6

[1] Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred profit-sharing plans; excludes health, welfare, and bonus plans. [2] Includes foreign bonds. [3] Includes U.S. Foreign Service Retirement and Disability Trust Fund.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–80; Annual Statistical Digest,* and unpublished data.

No. 617. Public Employee Retirement Systems—Beneficiaries and Benefits: 1970 to 1981

[Number of beneficiaries as of June 30]

YEAR	Unit	Total	LEVEL OF GOVERNMENT				TYPE OF BENEFIT			
			Federal			State and local	Age and service	Disability	Survivor	
			Total [1]	Civil service	Armed Forces				Monthly	Lump-sum
Beneficiaries:										
1970	1,000	3,050	1,759	959	773	1,291	2,204	419	427	(X)
1975	1,000	4,428	2,480	1,372	1,073	1,948	3,243	549	636	(X)
1977	1,000	5,006	2,795	1,488	1,208	2,271	3,660	611	735	(X)
1978	1,000	5,275	2,857	1,564	1,252	2,418	3,863	650	763	(X)
1979	1,000	5,535	2,946	1,617	1,286	2,589	4,069	672	801	(X)
1980	1,000	5,873	3,083	1,707	1,330	2,790	4,385	643	845	(X)
1981	1,000	6,208	3,200	1,805	1,364	3,008	4,573	732	902	(X)
Benefits:										
1970	Mil. dol	9,355	6,075	2,820	3,133	3,280	7,210	1,312	645	189
1975	Mil. dol	21,617	14,592	7,532	6,808	7,025	17,200	2,707	1,439	271
1977	Mil. dol	27,429	18,429	9,626	8,479	9,000	21,795	3,500	1,842	292
1978	Mil. dol	30,869	20,709	10,925	9,420	10,160	24,520	3,904	2,111	334
1979	Mil. dol	35,068	23,578	12,519	10,642	11,490	27,891	4,376	2,434	368
1980	Mil. dol	41,088	28,042	15,065	12,478	13,046	32,582	5,204	2,884	418
1981	Mil. dol	46,595	31,813	17,523	13,939	14,782	37,020	5,718	3,376	480

X Not applicable. [1] Includes other Federal systems, not shown separately.

No. 618. Public Employee Retirement Systems—Average Annual Benefits per Annuitant: 1970 to 1981

LEVEL OF GOVERNMENT AND TYPE OF BENEFIT	CURRENT DOLLARS					CONSTANT (1981) DOLLARS [1]				
	1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
All recipients, all gov'ts	**$3,005**	**$4,821**	**$6,269**	**$6,925**	**$7,428**	**$6,300**	**$7,474**	**$7,490**	**$7,511**	**$7,428**
Age and service	3,271	5,304	6,865	7,430	8,095	6,857	8,223	8,202	8,059	8,095
Disability	3,136	4,931	6,511	8,093	7,811	6,574	7,645	7,779	8,778	7,811
Survivor	1,512	2,263	3,039	3,413	3,742	3,170	3,509	3,631	3,702	3,742
Federal recipients, total	**3,440**	**5,675**	**7,994**	**9,087**	**9,930**	**7,212**	**9,108**	**9,551**	**9,856**	**9,930**
Age and service	4,065	6,873	9,221	10,114	11,444	8,522	10,656	11,017	10,970	11,444
Disability	3,174	5,254	7,273	9,578	8,990	6,654	8,146	8,689	10,388	8,990
Survivor	1,446	2,558	3,795	4,376	4,874	3,031	3,966	4,534	4,746	4,874
State and local recipients, total	**2,413**	**3,478**	**4,305**	**4,535**	**4,767**	**5,059**	**5,392**	**5,143**	**4,919**	**4,767**
Age and service	2,452	3,690	4,657	4,907	5,158	5,140	5,721	5,564	5,322	5,158
Disability	2,965	3,867	4,442	4,682	4,929	6,216	5,995	5,307	5,078	4,929
Survivor	1,667	1,719	1,849	1,946	2,047	3,495	2,665	2,209	2,111	2,047

[1] Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 779.

Source of tables 617 and 618: U.S. Social Security Administration, *Social Security Bulletin,* December 1982; and unpublished data.

No. 619. Federal Civil Service Retirement: 1970 to 1983

[As of **June 30** or for years ending **June 30** except, beginning **1978**, as of **Sept. 30** or for year ending **Sept. 30.** See text, p. 352. See also *Historical Statistics, Colonial Times to 1970,* series H 262-270]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Annuitants, total	1,000	958	1,372	1,564	1,617	1,675	1,779	1,828	1,870
Age and service	1,000	477	732	825	857	905	973	1,010	1,045
Disability	1,000	185	258	323	333	343	348	348	343
Survivors	1,000	296	382	416	427	427	458	470	482
Receipts, total [1]	Mil. dol	4,683	11,377	17,640	20,548	24,389	28,529	31,856	34,711
Employee contributions	Mil. dol	1,740	2,554	3,194	3,447	3,686	4,006	4,171	4,399
Federal government contributions	Mil. dol	1,952	6,707	11,035	12,865	15,562	18,193	19,443	20,615
Disbursements, total [2]	Mil. dol	2,752	7,207	11,014	12,593	14,977	17,779	19,656	20,889
Age and service annuitants [3]	Mil. dol	2,129	6,052	9,246	10,571	12,639	15,010	16,406	17,602
Survivors	Mil. dol	389	908	1,423	1,618	1,912	2,265	2,533	2,783
Average monthly benefit:									
Age and service	Dollars	362	620	827	924	992	1,036	1,117	1,150
Disability	Dollars	221	406	562	629	723	756	820	851
Survivors	Dollars	116	209	296	336	392	419	463	486
Cash and security holdings	Bil. dol	22.4	38.4	56.3	64.3	73.7	84.4	96.6	110.5

[1] Includes interest on investments. [2] Includes refunds, death claims, and administration. [3] Includes disability annuitants.
Source: U.S. Office of Personnel Management, *Compensation Report,* annual.

No. 620. State and Local Government Retirement Systems—Finances: 1970 to 1983

[**In millions of dollars.** For fiscal years closed during the 12 months ending June 30]

YEAR AND LEVEL OF GOVERNMENT	RECEIPTS					BENEFITS AND WITHDRAWALS			Cash and security holdings
	Total	Employee contributions	Government contributions		Earnings on investments	Total	Benefits	Withdrawals	
			State	Local					
1970: All systems	9,848	2,788	2,046	2,554	2,460	3,638	3,037	601	54,918
State-administered	7,184	2,149	1,978	1,237	1,821	2,382	1,913	469	39,966
Locally administered	2,664	639	67	1,318	639	1,256	1,124	132	14,952
1975: All systems	18,898	4,488	4,093	5,023	5,294	7,490	6,540	950	98,064
State-administered	14,208	3,552	3,974	2,623	4,059	5,207	4,480	727	74,703
Locally administered	4,690	936	119	2,400	1,236	2,283	2,060	223	23,361
1980: All systems	37,313	6,466	7,581	9,951	13,315	14,008	12,207	1,801	185,226
State-administered	28,603	5,285	7,399	5,611	10,308	10,257	8,809	1,448	144,682
Locally administered	8,710	1,180	181	4,340	3,008	3,752	3,399	353	40,544
1983: All systems	57,906	8,699	9,862	13,074	26,271	19,254	17,484	1,770	289,731
State-administered	45,127	7,196	9,611	7,585	20,734	14,204	12,757	1,447	229,685
Locally administered	12,779	1,503	251	5,489	5,537	5,050	4,727	323	60,046

Source: U.S. Bureau of the Census, *Finances of Employee-Retirement Systems of State and Local Governments,* series GF, No. 2, annual.

No. 621. Protection Against Short-Term Sickness Income Loss: 1970 to 1981

[**In millions of dollars, except percent.** "Short-term sickness" refers to short-term or temporary nonwork-connected disability (lasting not more than 6 months) and the first 6 months of long-term disability. See also *Historical Statistics, Colonial Times to 1970,* series H 115-124]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981
Short-term sickness: Income loss	16,757	21,804	23,595	26,447	28,225	32,811	36,072	38,529	41,278
Total protection provided [1]	**5,888**	**8,232**	**9,002**	**9,819**	**10,559**	**11,751**	**13,371**	**15,058**	**15,638**
Protection as percent of loss	35.1	37.8	38.2	37.1	37.4	35.8	37.1	39.1	37.9
Benefits provided by protection:									
Individual insurance	694	851	973	881	940	1,210	1,322	1,280	1,291
Group benefits to workers in private employment	2,952	4,144	4,328	4,900	5,264	5,782	6,987	8,265	8,536
Private cash insurance [2]	1,476	2,024	2,011	2,267	2,344	2,403	3,216	3,903	3,484
Publicly operated cash sickness funds [3]	411	485	538	581	582	609	699	770	953
Sick leave	1,066	1,634	1,779	2,052	2,359	2,770	3,072	3,593	4,099
Sick leave for government employees	2,242	3,107	3,542	3,868	4,144	4,579	4,892	5,338	5,640

[1] Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees. Beginning 1974, includes benefits for the sixth month of disability payable under old-age, survivors, disability, and health insurance program, not shown separately. [2] Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in CA, NJ, and NY. Includes a small but undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through farm, trade, or professional associations. [3] Includes State-operated plans in RI, CA, and NJ; State Insurance Fund and special fund for disabled unemployed in New York; and provisions of Railroad Unemployment Insurance Act.
Source: U.S. Social Security Administration, *Social Security Bulletin,* August 1984.

NO. 622. MEDICARE PROGRAM—ENROLLMENT AND PAYMENTS: 1970 TO 1982

[Enrollment as of **July 1**; payments for calendar year. Benefit payments represent trust fund outlays. Includes Puerto Rico, outlying areas, and enrollees in foreign countries. See text, p. 351 for explanation of coverage]

TYPE OF INSURANCE	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
HOSPITAL INSURANCE											
Enrollment, total	1,000	20,361	23,924	24,640	25,312	26,094	26,777	27,459	28,067	26,590	29,069
Persons aged 65 and over	1,000	20,361	21,996	22,472	22,920	23,475	23,984	24,548	25,104	25,591	26,115
Male	1,000	8,507	9,005	9,168	9,324	9,537	9,728	9,945	10,156	10,340	10,538
Female	1,000	11,855	12,991	13,304	13,596	13,937	14,256	14,604	14,948	15,250	15,577
Disabled persons	1,000	(x)	1,928	2,168	2,392	2,619	2,793	2,911	2,963	2,999	2,954
Male	1,000	(x)	1,233	1,381	1,514	1,654	1,763	1,837	1,871	1,896	1,865
Female	1,000	(x)	695	788	878	965	1,030	1,073	1,093	1,103	1,089
Benefit payments	Mil. dol	5,124	9,099	11,315	13,340	15,737	17,682	20,623	25,064	30,342	35,632
MEDICAL INSURANCE											
Enrollment, total	1,000	19,584	23,167	23,904	24,614	25,364	26,074	26,757	27,400	27,941	28,412
Persons aged 65 and over	1,000	19,584	21,422	21,945	22,446	22,991	23,531	24,098	24,680	25,182	25,707
Male	1,000	8,132	8,694	8,873	9,047	9,240	9,436	9,645	9,868	10,055	10,250
Female	1,000	11,452	12,727	13,073	13,399	13,751	14,094	14,454	14,813	15,127	15,457
Disabled persons	1,000	(x)	1,745	1,959	2,168	2,373	2,543	2,659	2,719	2,759	2,705
Male	1,000	(x)	1,102	1,231	1,353	1,475	1,582	1,655	1,695	1,724	1,688
Female	1,000	(x)	643	729	816	897	961	1,004	1,025	1,036	1,018
Benefit payments	Mil. dol	1,975	3,318	4,273	5,080	6,038	7,252	8,708	10,635	13,113	15,455

X Not applicable.

Source: U.S. Health Care Financing Administration. Published in U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*.

NO. 623. MEDICARE—PERSONS SERVED AND REIMBURSEMENTS: 1971 TO 1981

[Persons served are enrollees who use covered services, incurred expenses greater than the applicable deductible amounts and for whom Medicare paid benefits. Reimbursements are amounts paid to providers for covered services; excludes deductibles, coinsurance amounts, and charges for noncovered services. See headnote, table 624]

TYPE OF COVERAGE AND SERVICE	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED			
		1971	1975	1979	1980	1981	1975	1979	1980	1981
Persons served, total [1]	**1,000**	**9,425**	**12,032**	**15,221**	**16,271**	**17,036**	**975**	**1,654**	**1,760**	**1,845**
Hospital insurance [1]	1,000	4,416	4,963	5,698	6,024	6,229	475	700	728	754
Inpatient hospital	1,000	4,386	4,913	5,633	5,951	6,072	472	694	721	739
Skilled-nursing services	1,000	239	260	247	248	243	8	9	9	8
Home health services	1,000	167	329	601	675	881	22	46	51	67
Supplementary medical insurance [1]	1,000	9,075	11,762	15,041	16,099	16,858	924	1,614	1,723	1,810
Physicians' and other medical services	1,000	8,801	11,396	14,582	15,627	16,380	865	1,523	1,631	1,717
Outpatient services	1,000	2,171	3,768	5,928	6,629	7,096	399	823	909	975
Home health services	1,000	83	161	269	302	187	13	23	25	14
Persons served per 1,000 enrollees, total [1]	**Rate**	**451**	**528**	**610**	**638**	**655**	**450**	**568**	**594**	**615**
Hospital insurance [1]	Rate	213	221	232	240	243	219	240	246	251
Inpatient hospital	Rate	212	219	230	237	237	218	238	243	246
Skilled-nursing services	Rate	12	12	10	10	10	4	3	3	3
Home health services	Rate	8	15	25	27	34	10	16	17	22
Supplementary medical insurance [1]	Rate	454	536	624	652	670	471	607	634	656
Physicians' and other medical services	Rate	441	519	605	633	651	442	573	600	622
Outpatient services	Rate	109	172	246	269	282	204	310	334	353
Home health services	Rate	4	7	11	12	7	7	9	9	5
Reimbursements, total	**Mil. dol**	**7,349**	**12,689**	**24,310**	**29,134**	**34,490**	**1,509**	**3,747**	**4,478**	**5,315**
Hospital insurance	Mil. dol	5,364	9,209	17,137	20,353	24,153	987	2,341	2,765	3,317
Inpatient hospital	Mil. dol	5,156	8,840	16,477	19,583	23,111	968	2,297	2,714	3,243
Skilled-nursing services	Mil. dol	166	233	306	331	361	9	13	13	14
Home health services	Mil. dol	42	136	353	440	682	10	31	38	60
Supplementary medical insurance	Mil. dol	1,986	3,481	7,173	8,781	10,336	522	1,406	1,713	1,998
Physicians' and other medical services	Mil. dol	1,848	3,050	6,045	7,361	8,688	295	810	997	1,199
Outpatient services	Mil. dol	125	374	997	1,261	1,557	221	583	701	791
Home health services	Mil. dol	13	56	131	159	91	5	13	16	8
Reimbursements, per person served, total	**Dollars**	**780**	**1,055**	**1,597**	**1,791**	**2,024**	**1,548**	**2,265**	**2,544**	**2,881**
Hospital insurance	Dollars	1,215	1,855	3,007	3,379	3,877	2,077	3,345	3,798	4,400
Inpatient hospital	Dollars	1,176	1,799	2,925	3,291	3,806	2,051	3,312	3,765	4,389
Skilled-nursing services	Dollars	694	896	1,239	1,336	1,486	1,049	1,452	1,571	1,693
Home health services	Dollars	251	413	588	652	774	478	671	733	900
Supplementary medical insurance	Dollars	219	296	477	545	613	565	871	994	1,104
Physicians' and other medical services	Dollars	210	268	415	471	530	341	532	611	698
Outpatient services	Dollars	57	99	168	190	219	554	708	771	811
Home health services	Dollars	161	347	488	526	488	420	569	619	541

[1] Persons are counted once for each type of covered service used, but are not double counted in totals.

Source: U.S. Health Care Financing Administration, *Health Care Financing Program Statistics*, and unpublished data.

No. 624. Medicare—Hospital Utilization and Hospital and Physician Charges: 1970 to 1982

[Data reflect date *claims approved* for payment and cover only claims approved and recorded in Health Care Financing Administration central records before December 31, 1983. Includes Puerto Rico, outlying areas and enrollees in foreign countries]

Item	Unit	Persons 65 years old and over					Disabled [1]			
		1970	1975	1980	1981	1982	1975	1980	1981	1982
Hospital inpatient care:										
Admissions	1,000	6,141	7,404	9,258	9,648	10,084	850	1,317	1,350	1,394
Per 1,000 enrollees [2]	Rate	304	332	369	377	386	394	445	450	472
Covered days of care	Millions	80	84	97	98	101	9	13	14	14
Per 1,000 enrollees [2]	Rate	3,949	3,786	3,861	3,847	3,852	4,136	4,483	4,536	4,638
Per admission	Days	13.0	11.4	10.5	10.2	10.0	10.5	10.1	10.1	9.8
Hospital charges	Mil. dol	5,940	12,021	28,119	33,829	40,987	1,320	3,976	4,777	5,668
Per day	Dollars	74	142	290	344	407	148	299	351	414
Percent of charges reimbursed	Percent	77.1	75.2	69.6	68.7	67.2	73.1	68.5	67.9	66.7
Physician charges	Mil. dol	[3] 2,157	3,907	8,802	10,483	12,383	344	1,079	1,294	1,495
Percent reimbursed	Percent	[3] 72.9	74.1	77.8	78.2	77.9	75.6	78.6	78.8	78.5

[1] Coverage not limited with respect to age. [2] Hospital insurance enrollment as of July 1.
[3] Data reflect date paid claims were recorded in Health Care Financing Administration records.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly, and unpublished data. Also in U.S. Social Security Administration, *Social Security Bulletin*, quarterly.

No. 625. Medicare—Enrollment and Reimbursements by Level of Reimbursement: 1982

[See *headnote, table 623*. HI=Hospital insurance; SMI=Supplementary medical insurance. Enrollees represent persons ever enrolled during calendar year]

Type of coverage	Total		Percent distribution by level of reimbursement							
	Unit	Amount	Persons with *no* reimbursement	Persons with reimbursement	Less than $1,000	$1,000–$1,999	$2,000–$4,999	$5,000–$9,999	$10,000–$14,999	$15,000 or more
HI AND/OR SMI										
Aged: [1] Enrollees	1,000	27,986	39.2	60.8	38.3	5.4	8.3	4.9	1.9	1.9
Reimbursements	Mil.dol	41,526	(x)	100.0	6.0	5.3	18.2	23.4	15.7	31.3
Disabled: Enrollees	1,000	3,284	45.2	54.8	31.8	5.5	7.5	4.6	2.0	3.4
Reimbursements	Mil.dol	6,172	(x)	100.0	4.4	4.2	12.9	17.5	12.9	48.1
HOSPITAL INSURANCE										
Aged: [1] *Enrollees*	1,000	27,541	76.2	23.8	5.7	4.7	6.8	3.9	1.4	1.3
Reimbursements	Mil.dol	29,214	(x)	100.0	2.8	6.4	20.8	26.0	16.1	27.8
Disabled: Enrollees	1,000	3,284	76.9	23.1	5.4	4.4	6.3	3.8	1.5	1.7
Reimbursements	Mil.dol	3,878	(x)	100.0	2.4	5.4	17.5	22.6	15.5	36.7

X Not applicable. [1] Persons 65 years old and over.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics*, annual.

No. 626. Medicare and Medicaid—Selected Characteristics of Persons Covered: 1980 to 1982

[**In thousands, except percent.** Represents number of persons as of **March** of following year who were enrolled at any time in year shown. Person did not have to receive medical care paid for by Medicare or Medicaid in order to be counted. For Medicare, *covers* persons 15 years old and over; for Medicaid covers persons of all ages. See *headnote, table 595*]

Poverty status	1980, total	1981, total	1982							
			Total [1]	White	Black	Spanish origin [2]	Under 15 years old	15–44 years old	45–64 years old	65 years and over
MEDICARE										
Persons covered, total	**26,200**	**27,208**	**27,522**	**24,644**	**2,482**	**703**	(x)	**672**	**2,219**	**24,631**
Percent of total population	15.1	15.4	15.5	16.0	12.8	7.2	(x)	.6	5.0	96.1
Below poverty level	4,300	4,454	4,187	3,114	978	205	(x)	199	500	3,489
Above poverty level	21,900	22,754	23,335	21,530	1,504	498	(x)	473	1,719	21,142
MEDICAID										
Persons covered, total	**18,966**	**19,407**	**18,914**	**12,022**	**6,166**	**2,337**	**7,067**	**7,093**	**1,930**	**2,824**
Below poverty level	11,113	11,687	12,629	7,314	4,866	1,717	5,519	4,719	1,180	1,210
Above poverty level	7,854	7,720	6,285	4,708	1,300	620	1,548	2,374	750	1,614
Percent of total population	**8.4**	**8.6**	**8.3**	**6.1**	**22.7**	**17.6**	**13.7**	**6.6**	**4.4**	**11.0**
Below poverty level	39.1	37.8	37.9	32.3	50.5	42.8	48.3	33.8	27.3	33.2
Above poverty level	4.0	3.9	3.2	2.7	7.4	6.7	3.9	2.5	1.9	7.3

X Not applicable. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 143 and earlier reports.

No. 627. Households Receiving Medicare or Medicaid, by Income Level: 1982

[Households as of **March 1983**. See headnote, table 595. Persons of Spanish origin may be of any race. For definitions of household types, see text, p. 4. Hhlds. = households]

Race, Spanish origin, and household type	Recipient households (1,000)							Recipient hhlds. as percent of total		
	Total	Total money income				Below poverty level	Above poverty level	Total	Below poverty level	Above poverty level
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000 and over					
MEDICARE										
Total households [1]	**20,823**	**3,249**	**5,738**	**3,572**	**8,264**	**3,605**	**17,218**	**24.8**	**29.6**	**24.0**
White	18,589	2,595	5,028	3,285	7,681	2,712	15,877	25.4	30.9	24.6
Black	1,936	612	617	259	447	822	1,114	21.7	26.7	19.1
Spanish origin	561	127	170	84	180	180	381	13.7	15.7	13.0
Married-couple families	9,974	384	1,827	1,999	5,765	833	9,141	20.0	22.0	19.8
Female family householder [2]	1,897	181	448	365	904	369	1,528	20.0	10.7	25.3
Nonfamily households	8,428	2,658	3,364	1,121	1,284	2,333	6,095	37.4	50.2	34.1
MEDICAID										
Total households [1]	**8,068**	**2,984**	**2,461**	**999**	**1,624**	**4,766**	**3,302**	**9.6**	**39.2**	**4.6**
White	5,476	1,886	1,657	698	1,234	2,946	2,530	7.5	33.6	3.9
Black	2,324	1,050	697	263	313	1,669	635	26.1	54.8	10.9
Spanish origin	830	295	321	92	122	568	262	20.3	49.7	8.9
Married-couple families	2,699	314	801	502	1,022	1,023	1,616	5.3	27.0	3.5
Female family householder [2]	3,024	1,317	1,063	322	322	2,265	759	31.9	66.0	12.6
Nonfamily households	2,113	1,300	516	127	170	1,358	755	9.4	29.2	4.2

[1] Includes items not shown separately. [2] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 143.

No. 628. Medicare and Medicaid—Summary, by State and Other Areas: 1980 to 1983

[For composition of regions, see fig. 1, inside front cover]

Region, division, and state	Medicare			Medicaid [3]			Division and state or other area	Medicare			Medicaid [3]		
	Enrollment, [1] 1982 (1,000)	Payments [2] (mil. dol.)		Recipients, [4 5] 1983 (1,000)	Payments (mil. dol.)			Enrollment, [1] 1982 (1,000)	Payments [2] (mil. dol.)		Recipients, [4 6] 1983 (1,000)	Payments (mil. dol.)	
		1980	1982		1980	1983 [5]			1980	1982		1980	1983 [5]
Total	**29,069**	**35,699**	**51,087**	**21,471**	**23,311**	**32,316**	**So. Atl.—Con.**						
U.S. [5]	**28,461**	**35,561**	**50,911**	**19,906**	**23,210**	**32,194**	DC	73	149	210	118	168	197
Region:							VA	578	614	879	306	359	487
Northeast	6,713	9,071	12,778	5,056	8,138	11,394	WV	278	260	394	177	104	141
Midwest	7,453	9,507	13,277	5,055	5,637	7,950	NC	705	642	938	349	401	567
South	9,434	10,412	15,474	5,341	5,557	7,726	SC	342	302	459	236	258	279
West	4,837	6,529	9,367	4,453	3,878	5,124	GA	598	601	878	414	462	602
N. Eng	**1,680**	**2,238**	**3,122**	**1,117**	**1,781**	**2,434**	FL	1,799	2,278	3,485	555	392	681
ME	161	177	255	122	131	205	**E. So. Cent**	**1,875**	**1,878**	**2,752**	**1,331**	**1,150**	**1,588**
NH	117	120	177	42	72	93	KY	467	437	632	388	296	411
VT	66	68	102	54	59	80	TN	587	594	869	341	380	509
MA	787	1,179	1,629	579	1,009	1,338	AL	497	523	795	311	263	369
RI	141	189	254	105	160	222	MS	324	324	456	290	211	299
CT	407	505	705	216	350	495	**W. So. Cent**	**2,679**	**2,979**	**4,454**	**1,481**	**1,896**	**2,676**
Mid. Atl	**5,033**	**6,833**	**9,656**	**3,940**	**6,357**	**8,960**	AR	349	333	485	190	235	313
NY	2,347	3,409	4,563	2,161	4,543	6,260	LA	448	467	663	378	415	675
NJ	965	1,198	1,804	612	756	982	OK	401	443	629	233	265	372
PA	1,721	2,226	3,289	1,167	1,058	1,719	TX	1,480	1,736	2,677	680	981	1,316
E. No. Cent	**5,053**	**6,720**	**9,406**	**3,900**	**4,114**	**5,740**	**Mt**	**1,221**	**1,304**	**1,945**	**424**	**505**	**723**
OH	1,325	1,606	2,365	911	809	1,474	MT	98	99	139	45	62	86
IN	662	719	1,076	272	354	596	ID	109	97	137	39	52	67
IL	1,370	2,046	2,714	1,051	1,192	1,347	WY	42	44	62	14	14	24
MI	1,062	1,620	2,233	1,188	1,072	1,422	CO	277	315	488	148	182	255
WI	634	729	1,018	480	687	901	NM	135	137	208	84	70	102
W. No. Cent	**2,400**	**2,787**	**3,871**	**1,154**	**1,523**	**2,210**	AZ	353	383	567	(x)	(x)	(x)
MN	525	594	808	326	590	868	UT	124	110	160	66	80	115
IA	422	453	620	189	230	312	NV	62	119	184	28	45	74
MO	712	888	1,247	342	295	468	**Pac**	**3,616**	**5,225**	**7,422**	**4,029**	**3,373**	**4,401**
ND	89	109	153	32	47	83	WA	489	507	709	258	329	427
SD	100	96	145	33	55	78	OR	346	385	556	154	179	236
NE	222	234	319	84	109	146	CA	2,679	4,219	5,985	3,500	2,728	3,557
KS	330	413	579	147	197	254	AK	14	18	31	17	28	39
So. Atl	**4,879**	**5,555**	**8,268**	**2,529**	**2,511**	**3,462**	HI	87	96	141	100	109	142
DE	70	87	116	46	45	62	PR	370	124	155	1,547	97	120
MD	437	622	909	328	322	447	Outlying areas	8	4	7	[7] 18	[7] 2	[7] 3
							Foreign	230	9	14	(x)	(x)	(x)

X Not applicable. [1] Hospital insurance enrollment as of July. [2] Payments are for calendar year and represent total disbursements from Federal hospital and supplementary medical insurance trust funds. Estimates of distribution by State based on interim reimbursements. [3] For fiscal year ending Sept. 30. [4] Persons receiving Medicaid at any time during year. [5] Preliminary. [6] Includes data for enrollees with residence unknown. [7] Virgin Islands only.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics, Selected State Data, 1976–1982*, May 1984 and unpublished data.

No. 629. Medical Assistance (Medicaid)—Recipients and Payments: 1975 to 1983

[For years ending **June 30** except, beginning **1979,** ending **September 30.** Includes Puerto Rico and outlying areas]

Basis of eligibility	Recipients (1,000)						Payments (*mil. dol.*)					
	1975	1979	1980	1981	1982	1983	1975	1979	1980	1981	1982	1983
Total [1]	**22,223**	**21,250**	**21,605**	**21,980**	**21,603**	**21,471**	**12,292**	**20,462**	**23,311**	**27,204**	**29,399**	**32,316**
Age 65 and over	3,659	3,296	3,440	3,367	3,240	3,249	4,649	7,645	8,739	9,926	10,739	11,954
Blindness	109	80	92	86	84	76	83	123	124	154	172	183
Disabled [2]	2,280	2,633	2,819	2,993	2,806	2,952	2,874	6,100	7,497	9,301	10,233	11,157
AFDC [3] program	14,310	13,520	14,210	14,768	14,920	14,868	4,063	5,693	6,354	7,271	7,567	8,304
Children	9,680	9,022	9,333	9,581	9,563	9,412	2,050	2,861	3,123	3,508	3,473	3,822
Adults	4,630	4,498	4,877	5,187	5,356	5,456	2,013	2,832	3,231	3,763	4,093	4,482
Other	1,864	1,721	1,499	1,364	1,434	1,323	623	900	596	552	689	718

[1] For 1975 and 1979, recipient data are unduplicated counts of persons receiving Medicaid at any time during year. Beginning 1980, recipient data do not add due to small number of recipients that are reported in more than one category. [2] Permanently and totally. [3] Aid to families with dependent children.

No. 630. Medical Vendor Payments (Medicaid), by Type of Service: 1970 to 1983

[**In millions of dollars. 1970** data are for **calendar year; 1975 and 1976,** years ending **June 30;** beginning **1977,** for years ending **Sept. 30.** Medical vendor payments are those made directly to suppliers of medical care. Excludes Arizona, which has no Title XIX (Medicaid) program. Includes Puerto Rico and outlying areas]

Year	Total	Inpatient hospital	Skilled nursing facility	Intermediate care facility	Physicians	Dental [1]	Outpatient hospital [2]	Laboratory [3]	Home health	Prescribed drugs	Family planning	Other care
1970	4,806	1,846	1,362	-	617	200	240	32	17	403	-	89
1975	12,292	3,811	2,446	2,215	1,248	478	766	123	70	832	67	236
1976	14,135	4,466	2,488	2,791	1,389	532	898	147	134	957	87	247
1977	16,276	5,182	2,687	3,518	1,525	588	1,057	177	180	1,027	118	217
1978	17,975	5,639	3,097	4,285	1,596	541	1,028	179	210	1,084	115	200
1979	*20,462*	*6,430*	*3,368*	*5,272*	*1,637*	*594*	*1,110*	*186*	*264*	*1,203*	*109*	*291*
1980	*23,311*	7,187	3,685	6,191	1,875	660	1,421	121	332	1,318	81	440
1981	27,204	8,071	4,035	7,503	2,101	771	1,782	147	428	1,535	139	691
1982	29,399	8,644	4,427	8,446	2,086	718	1,838	160	496	1,599	133	853
1983	32,316	9,757	4,621	9,246	2,173	693	2,032	184	597	1,761	159	1,093

- Represents zero. [1] Includes other practitioners' services. [2] Includes clinic services. [3] Includes radiological services.

Source of tables 629 and 630: U.S. Health Care Financing Administration, *Health Care Financing Review,* quarterly.

No. 631. Black Lung Benefit Program—Beneficiaries and Payments: 1970 to 1984

[Benefits payable to miners disabled because of pneumoconiosis and to their dependents and survivors as a result of Federal Coal Mine Health and Safety Act of 1969 and subsequent amendments and revisions. Claims by miners or their survivors are handled by the Social Security Administration (SSA) or the Department of Labor, depending upon the date the claim was filed. Claims filed by a miner by June 30, 1973, and those filed by survivors by December 31, 1973 were processed by SSA. Benefits under the program as administered by SSA are paid out of Federal general tax revenues. Claims filed by a miner between July 1 and December 31, 1973 and all claims filed after December 1973 were processed by Department of Labor and are paid by either a responsible mine operator or the Department of Labor]

Administrative agency and year	Beneficiaries [1] (1,000)				Payments (*mil. dol.*)	Average monthly payment [1]	
	Total	Miners	Widows	Dependents [2]		Miner's family	Widow's family
Social Security Administration:							
1970	112	44	25	43	110	$200	$150
1975	482	165	139	177	950	282	207
1980	399	120	147	133	1,030	406	290
1981	377	111	146	119	1,080	425	304
1982	355	102	145	107	1,075	442	315
1983, total [3]	333	94	143	97	1,055	441	315
Pennsylvania	96	27	44	25	308	433	312
West Virginia	*60*	18	*22*	*20*	*184*	*441*	*320*
Kentucky	41	12	14	15	123	454	321
Virginia	20	6	7	7	61	454	319
Ohio	20	5	9	5	64	435	314
Illinois	18	4	9	4	59	437	311
1984, est.	308	84	140	84	1,030	457	326
Department of Labor:							
1975	(NA)	(NA)	(NA)	(NA)	10	[4] 187	[5] 328
1980	138.4	52.9	26.7	58.8	707	[4] 254	[5] 445
1981	163.4	62.8	30.5	70.1	653	[4] 280	[5] 490
1982	173.1	61.7	32.7	78.7	591	[4] 305	[5] 534
1983, prel.	*165.2*	*64.1*	*35.2*	*65.9*	*628*	[4] *316*	[5] *552*

NA Not available. [1] As of end of year. Average monthly payments under Department of Labor portion are for years ending September 30. [2] Dependent wife or child or surviving child, parent, brother or sister. [3] Includes other States not shown separately. [4] Data for claimant with no dependents. [5] Data for claimant with 2 dependents.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly; and U.S. Department of Labor, Employment Standards Administration, *Black Lung Benefits Act, Annual Report.*

No. 632. Workers' Compensation Payments: 1970 to 1982

[In millions of dollars, except as indicated. See headnote, table 633. See also *Historical Statistics, Colonial Times to 1970*, series H 332-345]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982
Workers covered [1] (mil.)	59	67	70	72	76	79	79	79	78
Annual benefits paid	**3,031**	**6,598**	**7,585**	**8,629**	**9,793**	**12,027**	**13,562**	**15,016**	**16,145**
By private carriers [2]	1,843	3,422	3,976	4,629	5,256	6,157	7,023	7,868	8,637
From State funds [3]	755	2,324	2,570	2,760	3,039	4,022	4,333	4,614	4,751
Employers' self-insurance [4]	432	852	1,039	1,250	1,497	1,848	2,206	2,534	2,757
Type of benefit:									
Medical/hospitalization	1,050	2,030	2,380	2,680	2,980	3,520	3,930	4,420	4,820
Compensation payments	1,981	4,568	5,204	5,950	6,813	8,507	9,632	10,596	11,325
Disability	1,751	3,843	4,394	5,075	5,849	7,232	8,322	9,196	9,825
Survivor	230	725	810	875	965	1,275	1,310	1,400	1,500
Percent of covered payroll:									
Workers' compensation costs [5 6]	1.11	1.32	1.49	1.71	1.86	1.95	1.96	1.84	1.72
Benefits [6]	.66	.83	.87	.92	.94	1.01	1.06	1.08	1.14

[1] Estimated per month. [2] Net cash and medical benefits paid under standard workers' compensation policies. [3] Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including black lung benefit program. [4] Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workers' compensation policies that exclude standard medical coverage. [5] Premiums written by private carriers and State funds, and benefits paid by self-insurers increased by 5–10 percent to allow for administrative costs. Also includes benefits paid and administrative costs of Federal system for government employees. [6] Excludes programs financed from general revenue—black lung benefits and supplemental pensions in some States.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*.

No. 633. Workers' Compensation Payments, by State: 1975 to 1982

[In millions of dollars. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator (Insurance by States . . . of Casualty Lines)*, from reports of State insurance commissions, and from A. M. Best Co.); net disbursements of State funds (from the *Spectator*, from *Argus Casualty and Surety Chart*, and from State reports), estimated for some States; and self-insurance payments, estimated from available State data. Calendar-year data, except fiscal-year data for Federal civilian and other programs and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1975	1979	1980	1981	1982	STATE	1975	1979	1980	1981	1982
Total	**6,598**	**12,027**	**13,562**	**15,016**	**16,145**	NH	17.4	41.2	48.0	54.9	60.1
						NJ	194.8	296.2	316.4	334.2	350.0
AL	48.7	96.0	112.4	122.4	132.4	NM	21.1	45.9	54.1	68.8	80.8
AK	18.5	52.3	59.7	62.2	63.9	NY	406.7	595.2	637.1	688.8	760.2
AZ	68.0	104.9	119.8	133.1	144.8	NC	50.8	111.9	130.8	146.8	159.9
AR	37.9	69.0	82.5	102.2	94.6	ND	7.6	15.2	17.0	18.6	22.1
CA	791.6	1,465.3	1,627.7	1,809.3	2,003.8	OH	444.7	666.8	776.3	904.9	924.3
CO	44.2	90.3	114.5	141.9	180.5	OK	59.7	108.4	133.5	153.4	200.3
CT	64.0	105.7	132.4	158.8	181.5						
DE	9.8	17.0	20.6	21.7	27.1	OR	137.4	249.7	274.9	298.3	307.3
						PA	205.4	494.6	571.9	656.7	722.9
DC	26.7	60.3	69.5	78.8	80.5	RI	18.6	45.2	55.3	64.8	70.6
FL	264.1	341.9	362.0	400.2	458.4	SC	32.5	65.8	79.3	90.6	98.9
GA	77.5	154.3	184.8	215.9	240.0	SD	5.5	11.0	13.1	15.2	16.7
HI	27.1	45.7	59.7	74.8	92.8	TN	61.6	114.6	129.1	149.9	149.1
ID	20.8	33.8	37.6	42.2	44.9	TX	360.3	594.3	700.8	808.6	961.7
IL	238.7	582.8	665.2	658.5	673.0						
IN	59.7	105.0	109.7	119.4	121.4	UT	16.3	32.2	39.3	45.7	59.2
IA	37.4	81.4	99.0	106.5	110.8	VT	6.4	13.6	15.3	18.6	19.3
KS	33.7	70.2	84.5	95.2	105.1	VA	65.9	146.0	173.5	218.4	249.4
KY	60.5	128.4	160.6	164.2	167.8	WA	157.4	268.0	324.2	370.5	419.2
						WV	75.9	148.5	176.2	201.8	211.7
LA	114.6	237.5	300.6	350.9	384.4	WI	70.0	152.9	171.5	191.5	205.8
ME	19.7	68.9	81.3	110.6	123.7	WY	4.3	12.9	14.1	32.8	37.2
MD	73.4	158.6	186.8	212.9	239.1						
MA	146.0	241.4	295.8	341.5	369.0	Federal programs:					
MI	333.7	579.6	626.3	693.0	672.9	Civilian employees	358.8	691.5	776.4	842.1	899.1
MN	86.0	212.2	257.5	301.8	335.8	Black lung benefits [1]	957.2	1,712.1	1,738.5	1,734.6	1,666.9
MS	27.3	51.2	60.3	66.7	70.7	Other [2]	8.7	8.5	8.4	6.5	6.2
MO	63.6	106.4	123.7	137.5	151.6						
MT	16.8	33.9	40.9	45.3	55.9						
NE	17.9	36.2	42.5	48.8	52.6						
NV	24.8	55.0	69.1	80.9	87.7						

[1] Includes payments by Social Security Administration and by Department of Labor. [2] Primarily payments made to dependents of reservists who died while on active duty in the Armed Forces.

Source: U.S. Social Security Administration, *Social Security Bulletin*, April 1984, and unpublished data.

NO. 634. UNEMPLOYMENT INSURANCE—ALL PROGRAMS AND STATE PROGRAMS,

[Includes Puerto Rico; beginning 1978, includes Virgin Islands. Data for State unemployment insurance include unemployment for Federal employees and for ex-servicemen, except as noted. See also table 686 of

YEAR AND STATE OR OTHER AREA	ALL REGULAR PROGRAMS [1]				STATE UNEMPLOYMENT						
					Covered employment [3]			Average weekly—			
						Wages (mil. dol.)		Insured unemployment		Unemployment benefits	
	Initial claims (1,000)	Weeks compensated (1,000)	Average weekly beneficiaries (1,000)	Benefits paid, net [2] (mil.dol.)	Average monthly number of workers [4] (1,000)	Total	Taxable [5]	Number (1,000)	Percent [6]	Current dollars	Percent of weekly wage
1970	16,100	84,319	1,621	4,171	52,814	387,980	182,320	1,805	3.4	50	35.6
1973	13,362	76,229	1,466	4,487	64,645	549,971	253,746	1,632	2.7	59	36.1
1974	19,436	103,178	1,984	6,912	66,696	609,894	265,375	2,262	3.5	64	36.5
1975	25,479	182,835	3,516	19,828	65,411	642,711	265,229	3,986	6.0	70	37.2
1976	20,705	135,000	2,596	16,157	67,890	716,066	303,222	2,991	4.6	75	37.1
1977	20,070	119,526	2,299	13,023	70,830	794,567	323,821	2,655	3.9	79	36.5
1978	18,481	105,326	2,025	9,007	83,173	992,196	412,530	2,359	3.3	84	37.0
1979	20,614	110,202	2,119	9,401	86,613	1,120,585	444,384	2,433	2.9	90	35.9
1980	25,823	153,272	2,947	16,197	86,924	1,228,388	458,885	3,350	3.9	99	37.5
1981	24,329	139,527	2,683	15,298	87,783	1,354,660	478,415	3,048	3.5	107	35.6
1982	**30,598**	**187,440**	**3,605**	**[13] 25,042**	**86,128**	**1,419,018**	**477,305**	**4,061**	**4.6**	**119**	**37.1**
AL	642	3,058	59	280	1,213	17,414	6,557	67	5.4	80	29.2
AK	76	620	12	88	180	5,071	2,211	11	6.8	130	26.0
AZ	254	1,717	33	191	987	15,635	5,175	40	4.0	100	31.9
AR	339	1,633	31	159	689	9,250	3,927	39	5.6	96	37.4
CA	3,602	24,277	467	2,668	9,791	174,647	52,288	517	5.2	100	29.2
CO	236	1,435	28	203	1,260	21,536	7,104	37	3.0	141	41.5
CT	388	2,322	45	273	1,396	24,517	8,004	48	3.4	122	36.0
DE	79	461	9	45	251	4,382	1,324	9	3.5	98	29.9
DC	50	819	16	107	364	7,155	2,144	14	3.9	141	37.2
FL	566	3,691	71	361	3,678	53,638	19,621	90	2.5	95	33.5
GA	851	3,476	67	327	2,065	30,732	10,766	70	3.4	98	33.6
HI	94	626	12	77	377	5,526	3,026	13	3.5	130	46.5
ID	148	926	18	126	290	4,186	2,305	21	7.0	116	42.1
IL	1,401	11,622	223	1,974	4,330	77,065	25,096	245	5.5	146	42.2
IN	782	4,307	83	482	1,909	31,073	9,831	95	4.9	94	30.1
IA	316	2,229	43	349	993	14,546	5,986	46	4.4	137	48.2
KS	222	1,746	34	230	873	13,199	4,281	36	4.0	128	43.4
KY	513	3,098	60	392	1,069	16,398	6,694	64	5.8	116	39.3
LA	427	3,544	68	546	1,535	26,036	8,227	70	4.5	145	42.9
ME	174	791	15	83	391	5,202	1,897	18	4.7	101	39.5
MD	420	2,936	56	378	1,528	23,928	7,224	66	4.2	116	38.2
MA	711	4,694	90	539	2,517	40,743	14,474	99	3.9	115	36.7
MI	1,795	10,512	202	2,006	3,013	56,774	15,221	231	7.2	154	41.2
MN	384	3,240	62	467	1,619	26,322	9,726	68	4.1	137	43.8
MS	357	1,862	36	167	742	9,779	3,733	45	5.8	80	30.6
MO	685	3,301	63	338	1,799	28,342	9,555	79	4.3	94	31.2
MT	86	583	11	77	249	3,583	2,113	13	5.2	122	43.4
NE	104	731	14	67	575	7,967	2,573	16	2.7	97	36.6
NV	121	905	17	122	388	6,342	3,107	19	4.6	116	36.9
NH	97	508	10	48	381	5,443	1,929	11	2.8	95	34.7
NJ	833	6,981	134	963	2,929	51,768	19,270	139	4.7	115	33.6
NM	96	718	14	78	427	6,416	2,700	16	3.8	105	35.8
NY	1,727	12,558	241	1,238	7,009	129,162	34,884	268	3.8	99	28.2
NC	1,715	4,755	91	524	2,258	30,892	11,419	107	4.6	104	39.1
ND	60	381	7	48	221	3,193	1,370	8	3.6	128	45.0
OH	1,654	11,018	212	1,953	3,879	65,985	19,614	238	5.9	144	43.3
OK	244	1,362	26	195	1,147	19,009	6,346	33	3.0	137	41.9
OR	475	3,092	59	417	903	14,442	6,796	67	7.0	117	37.9
PA	2,167	14,233	274	2,128	4,307	70,048	22,879	292	6.6	146	45.8
RI	183	1,063	20	136	376	5,379	2,320	23	5.9	108	39.3
SC	667	2,691	52	286	1,100	14,907	5,572	62	5.5	94	35.9
SD	41	192	4	20	207	2,563	885	5	2.3	110	46.4
TN	876	4,144	80	422	1,602	23,117	8,355	82	5.0	87	31.4
TX	919	5,254	101	668	5,996	103,609	35,094	122	2.1	127	37.2
UT	137	1,047	20	144	495	7,711	3,875	23	4.7	130	42.9
VT	71	450	9	49	191	2,603	912	10	5.0	107	40.8
VA	564	2,331	45	258	1,914	28,513	9,780	49	2.6	108	37.6
WA	624	4,611	89	699	1,475	25,864	11,591	100	6.5	131	38.2
WV	182	1,946	37	276	566	9,416	3,547	42	7.1	130	38.2
WI	764	4,878	94	770	1,780	27,750	8,391	107	5.9	137	43.2
WY	48	396	8	64	205	3,666	1,161	7	3.6	137	38.7
PR	383	1,582	30	190	652	6,101	4,239	61	8.4	66	36.4
VI	8	65	2	7	36	475	185	2	4.5	87	33.8

Z Less than $500,000. [1] Includes State programs, Unemployment Compensation for Federal Employees program and Unemployment Compensation for Ex-servicemen program. Represents unduplicated counts. [2] Includes extended benefits payments made under regular State and Federal unemployment insurance programs, the temporary "Federal Supplemental Benefits Program," and the "Special Unemployment Assistance Program." [3] Source: U.S. Bureau of Labor Statistics, *Employment and Wages*, quarterly. 1982 data are preliminary. [4] For pay period including the 12th of the month. [5] Wages subject to unemployment insurance tax, includes State and local government coverage as well as private industry coverage; see text, p. 352. [6] Insured unemployment as percent of average covered employment in preceding year. [7] Weeks compensated divided by first payment. [8] Based on first payments for 12-month period ending June 30.

SUMMARY, 1970 TO 1982, AND BY STATE AND OTHER AREAS, 1982

compensation for State and local government employees where covered by State law; exclude unemployment compensation this *Abstract* and *Historical Statistics, Colonial Times to 1970*, series H 305-317]

INSURANCE									YEAR AND STATE OR OTHER AREA
Weeks compensated for all unemployment (1,000)	Beneficiaries, first payments (1,000)	Average duration of benefits[7] (weeks)	Claimants exhausting benefits: Number (1,000)	Claimants exhausting benefits: As percent of first payment[8]	Contributions collected[9] (mil. dol.)	Benefits paid (mil. dol.)	Funds available for benefits, end of year[10] (mil. dol.)	Average employer contribution rate[11] (percent)	
78,858	6,402	12.3	1,295	24.4	2,507	[12]3,848	11,896	1.3	1970.
71,223	5,329	13.4	1,495	27.7	5,000	4,008	10,934	2.0	1973.
97,803	7,730	12.7	1,926	31.0	5,228	5,975	10,599	2.0	1974.
175,305	11,160	15.7	4,195	37.6	5,227	11,755	4,523	1.9	1975.
127,425	8,560	14.9	3,270	37.8	7,532	8,975	3,361	2.6	1976.
113,244	7,985	14.2	2,850	33.2	9,171	8,357	4,387	2.8	1977.
100,964	7,565	13.3	2,039	26.7	11,212	7,717	9,307	2.8	1978.
106,112	8,074	13.1	2,037	26.7	12,098	8,613	12,470	2.7	1979.
148,952	9,992	14.9	3,072	33.2	11,416	13,761	11,446	2.5	1980.
135,858	9,399	14.5	2,989	32.4	11,678	13,262	11,588	2.4	1981.
185,345	**11,648**	**15.9**	**4,175**	**38.5**	**12,213**	**20,652**	**7,482**	**2.5**	**1982.**
3,005	240	12.5	71	30.3	155	224	7	1.8	AL.
591	40	14.9	16	41.9	93	71	129	3.0	AK.
1,679	108	15.6	37	41.0	64	164	210	1.2	AZ.
1,613	121	13.3	36	30.8	99	137	−3	2.5	AR.
24,012	1,327	18.1	528	45.7	1,439	2,233	2,579	2.8	CA.
1,413	115	12.3	47	50.3	87	194	−9	1.3	CO.
2,309	175	13.2	34	20.6	184	261	20	2.3	CT.
455	32	14.4	7	19.6	44	41	19	3.4	DE.
709	31	22.9	16	47.9	47	80	−1	2.2	DC.
3,663	277	13.2	105	43.9	188	335	848	1.0	FL.
3,428	318	10.8	101	31.4	148	305	387	1.5	GA.
610	41	14.7	12	29.3	55	71	106	1.8	HI.
903	59	15.3	28	50.5	47	92	26	2.1	ID.
11,541	614	18.8	289	49.2	952	1,576	−25	3.7	IL.
4,264	307	13.9	123	42.1	271	389	71	2.8	IN.
2,219	152	14.6	58	38.7	139	282	−63	2.4	IA.
1,727	114	15.2	43	43.3	106	207	140	2.5	KS.
3,052	192	15.9	72	37.9	235	328	1	3.5	KY.
3,502	204	17.2	78	49.6	182	482	(z)	2.2	LA.
785	51	15.4	28	48.6	59	70	17	3.1	ME.
2,892	177	16.3	61	34.2	102	321	214	1.4	MD.
4,642	285	16.3	87	31.3	470	492	424	3.2	MA.
10,460	604	17.3	250	40.1	599	1,524	7	4.1	MI.
3,215	194	16.6	82	46.6	205	400	−11	2.1	MN.
1,803	130	13.8	40	32.4	108	136	250	2.9	MS.
3,259	238	13.7	89	38.3	246	302	21	2.6	MO.
565	41	13.8	17	43.3	45	62	9	2.7	MT.
723	54	13.4	19	36.0	34	65	70	1.3	NE.
899	59	15.4	21	39.6	57	104	116	1.7	NV.
502	54	9.3	5	9.0	27	46	72	1.4	NH.
6,920	418	16.6	199	45.9	718	807	87	3.1	NJ.
690	42	16.5	15	40.4	44	68	97	1.7	NM.
12,461	634	19.6	230	37.8	1,087	1,132	768	3.1	NY.
4,726	432	11.0	89	21.5	196	449	392	1.6	NC.
375	28	13.6	10	40.9	37	46	10	2.7	ND.
10,950	616	17.8	256	43.5	555	1,496	−51	2.9	OH.
1,345	120	11.2	43	57.7	59	180	107	.8	OK.
3,054	171	17.9	70	39.0	195	336	151	2.9	OR.
14,130	765	18.5	210	30.3	948	1,824	−1	4.1	PA.
1,058	69	15.4	25	37.1	95	107	25	4.1	RI.
2,675	227	11.8	61	29.9	107	239	48	1.9	SC.
188	15	12.5	3	19.7	16	19	8	1.8	SD.
3,977	262	15.2	85	33.1	201	324	6	2.5	TN.
5,209	422	12.3	110	44.3	229	634	1	.6	TX.
1,016	65	15.5	24	42.8	69	122	6	1.8	UT.
447	30	14.9	7	24.1	30	43	4	3.2	VT.
2,299	210	10.9	57	26.7	255	240	10	1.8	VA.
4,550	250	18.2	91	37.4	348	526	141	3.0	WA.
1,938	123	15.8	35	35.2	166	234	−8	4.6	WV.
4,851	311	15.6	123	39.7	222	629	−17	2.7	WI.
391	29	13.4	9	47.8	26	61	43	2.3	WY.
1,572	53	29.8	23	32.3	123	135	23	3.0	PR.
84	4	20.3	2	42.6	5	7	(−z)	3.2	VI.

[9] Contributions from employers; also employees in States which tax workers. [10] Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. Minus sign (−) indicates deficit.
[11] As percent of taxable wages. [12] Includes payments under State (not Federal) temporary extended unemployment insurance provisions. [13] Includes railroad benefits not distributed by State.

Source: Except as noted, U.S. Employment and Training Administration, *Unemployment Insurance Statistics*, monthly; and *Annual Report of the Secretary of Labor.*

No. 635. Persons With Work Disability by Selected Characteristics: 1982

[**In thousands, except percent.** As of **March.** Covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post. Persons are classified as having a work disability if they (1) have a health problem or disability which prevents them from working or which limits the kind or amount of work they can do; (2) have a service-connected disability or ever retired or left a job for health reasons; (3) did not work in survey reference week or previous year because of long-term illness or disability; or (4) are under age 65, and are covered by Medicare or receive Supplemental Security Income. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

AGE AND PARTICIPATION STATUS IN ASSISTANCE PROGRAMS	Total [1]	Male	Female	White	Black	Spanish origin [2]
Persons with work disability	**13,102**	**6,697**	**6,405**	**10,657**	**2,214**	**696**
16-24 years old	1,205	618	587	932	251	78
25-34 years old	1,947	1,035	912	1,541	372	126
35-44 years old	1,942	992	950	1,553	348	116
45-54 years old	2,735	1,378	1,357	2,211	472	151
55-64 years old	5,273	2,674	2,599	4,420	771	226
Percent work disabled of total population	**8.9**	**9.3**	**8.5**	**8.4**	**13.4**	**8.0**
16-24 years old	3.3	3.4	3.1	3.0	5.0	3.0
25-34 years old	5.0	5.4	4.7	4.7	8.4	4.8
35-44 years old	7.1	7.4	6.8	6.5	12.1	7.4
45-54 years old	12.3	12.8	11.7	11.3	20.8	13.6
55-64 years old	24.1	26.2	22.3	22.6	40.0	28.4
Percent of work disabled—						
Receiving Social Security income	30.4	32.6	28.1	31.3	26.6	26.9
Receiving food stamps	20.8	16.1	25.8	15.3	46.9	36.9
Covered by Medicaid	19.8	13.8	26.1	16.1	37.0	34.6
Residing in public housing	3.9	2.4	5.3	2.2	11.5	7.5
Residing in subsidized housing	1.7	1.2	2.2	1.4	3.2	2.7

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 127.

No. 636. Vocational Rehabilitation—Summary: 1970 to 1983

[For years ending **June 30** except beginning **1977,** for years ending **Sept. 30.** Vocational rehabilitation of the disabled defined as *restoration, preservation, or development of the ability to function in productive activity.* Rehabilitation services provided by State vocational rehabilitation agencies with matching State and Federal funds include medical restoration, training, counseling, guidance, and placement services. See also *Historical Statistics, Colonial Times to 1970,* series H 392-397]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
Federal and State expenditures [1]	Mil. dol.	558	867	956	986	1,063	[2] 1,076	1,118	1,167	1,254
Federal expenditures	Mil. dol.	432	673	733	755	813	[2] 817	850	858	937
Percent of total expenditures	Percent	77	78	77	77	77	[2]76	76	74	76
Applicants processed for program eligibility	1,000	608	837	748	730	713	717	681	594	602
Percent accepted into program	Percent	68	64	58	58	58	58	55	56	58
Total persons rehabilitated [3]	1,000	267.0	324.0	291.2	294.4	288.3	277.1	255.9	226.9	216.2
Rehabilitation rate [4]	Percent	77	70	64	65	65	64	62	61	62
Severely disabled persons rehabilitated [3] [5]	1,000	(NA)	115.7	127.5	138.4	143.4	142.5	138.4	129.9	124.8
Rehabilitation rate [4]	Percent	(NA)	(NA)	61	63	62	61	59	59	59
Percent of total persons rehabilitated	Percent	(NA)	36	44	47	50	51	54	57	58
Persons served total [6]	1,000	876	1,244	1,205	1,168	1,128	1,095	1,038	959	939
Persons served, severely disabled [5] [6]	1,000	(NA)	(NA)	569	600	612	606	601	572	564
Percent of total persons served	Percent	(NA)	(NA)	47	51	54	55	58	60	60

NA Not available. [1] *Includes expenditures only under the basic support provisions of the Rehabilitation Act.* [2] Estimates based on amounts appropriated. [3] Persons *successfully placed into gainful employment.* [4] Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not). [5] Severely disabled individuals fall into any of the following four categories: *(a) clients with specified major disabling conditions such as blindness and deafness; (b) clients who at any time in the vocational rehabilitation process had been Social Security disability beneficiaries; (c) clients who at any time in the vocational rehabilitation process had been recipients of Supplemental Security Income;* and (d) other individuals with substantial loss in conducting certain specified activities. [6] Includes active cases accepted for rehabilitation services during year plus active cases on hand at beginning of year.

Source: U.S. Dept. of Education, Rehabilitation Services Administration, *Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Years,* and *State Vocational Rehabilitation Agency Program Data in Fiscal Years,* both annual.

No. 637. Public Aid Payments: 1970 to 1983

[**In millions of dollars.** See headnote, table 638. Supplemental Security Income data cover federally- and State-administered payments. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 346-354]

PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Payments, total	**8,443**	**16,313**	**17,499**	**18,222**	**18,577**	**19,477**	**21,994**	(NA)	(NA)	(NA)
Supplemental Security Income	(X)	5,878	6,066	6,306	6,552	7,075	7,941	8,593	8,981	9,404
Aged	(X)	2,605	2,508	2,448	2,433	2,526	2,734	2,818	2,824	2,814
Blind	(X)	131	138	148	152	166	190	206	217	229
Disabled	(X)	3,142	3,422	3,709	3,966	4,381	5,014	5,566	5,909	6,357
Public assistance	8,443	10,435	11,433	11,916	12,025	12,402	14,048	(NA)	(NA)	(NA)
Old-age assistance	1,882	5	5	5	5	9	9	9	8	(NA)
Blind	98	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(NA)
Permanently, totally disabled	1,000	3	3	3	4	9	9	10	10	(NA)
Families with dependent children	4,853	9,211	10,141	10,604	10,730	11,069	12,475	12,981	12,878	(NA)
Emergency assistance	11	78	56	66	81	84	113	124	102	(NA)
General assistance	618	1,138	1,228	1,238	1,205	1,231	1,442	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Less than $500,000.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly; and *Public Assistance Statistics,* monthly.

No. 638. Public Aid—Recipients of and Average Monthly Cash Payments Under Supplemental Security Income and Public Assistance: 1970 to 1983

[**In thousands, except as indicated.** As of **December**, except as noted. SSI: Supplemental security income. SSI data are for federally administered payments only; see text, p. 352. Excludes vendor payments for medical care (i.e., payments made directly to suppliers of medical care). Beginning 1974, Federal SSI program replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and DC; such grants continued for Puerto Rico, Guam, and Virgin Islands. Residents of Northern Mariana Islands became eligible for SSI in 1978. Public assistance data for all years include Puerto Rico, Guam, and Virgin Islands. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 355-367]

PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Recipients of payments:										
SSI, total [1]	(X)	4,314	4,236	4,238	4,217	4,150	4,142	4,019	3,858	3,901
Percent also receiving Social Security	(X)	52.7	51.9	51.9	51.7	51.4	51.0	50.2	49.4	49.5
Male	(X)	1,532	1,483	1,472	1,454	1,423	1,423	1,380	1,321	1,346
Female	(X)	2,770	2,745	2,759	2,757	2,722	2,715	2,635	2,534	2,552
White	(X)	2,755	2,673	2,758	2,733	2,664	2,636	2,517	2,335	2,275
Black	(X)	1,120	1,101	1,156	1,153	1,141	1,138	1,105	1,043	1,026
Aged	(X)	2,307	2,148	2,051	1,968	1,872	1,808	1,678	1,549	1,515
Blind	(X)	74	76	77	77	77	78	79	77	79
Disabled	(X)	1,933	2,012	2,109	2,172	2,201	2,256	2,262	2,231	2,307
Old-age assistance [2]	2,061	18	19	19	19	19	19	19	19	18
Aid to the blind [2]	80	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Aid to permanently, totally disabled [2]	877	17	17	18	19	20	21	22	22	22
AFDC: [3]										
Families	2,552	3,568	3,588	3,553	3,489	3,560	3,843	3,633	3,596	3,723
Recipients [4]	9,659	11,404	11,211	10,796	10,349	10,379	11,101	10,613	10,504	10,868
Children	7,033	8,106	7,909	7,582	7,226	7,207	7,599	7,125	6,972	7,131
General assistance cases	547	692	685	654	620	696	796	861	1,019	(NA)
Average monthly payments (dol.):										
SSI, total	(X)	114	120	125	130	156	168	183	196	212
Aged	(X)	91	94	97	100	123	128	138	146	158
Blind	(X)	147	153	159	164	212	213	228	242	256
Disabled	(X)	141	146	150	155	182	198	214	229	245
Old-age assistance [2]	75	21	21	22	22	42	39	41	36	(NA)
Aid to the blind [2]	102	15	16	17	19	39	36	43	37	(NA)
Aid to permanently, totally disabled [2]	95	15	15	16	17	38	35	40	37	(NA)
AFDC: [3]										
Families	190	229	241	250	256	271	288	301	310	320
Recipients	50	72	77	82	86	93	100	103	106	109
General assistance cases	112	144	154	156	157	157	161	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Fewer than 500. [1] Includes items not shown separately. [2] Average monthly recipients and payments for the year. [3] Aid to Families with Dependent Children program. [4] Includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin; Social Security Bulletin*, monthly; and *Public Assistance Statistics*, monthly.

No. 639. State-Administered Supplemental Security Income (SSI)—Recipients and Payments, by State: 1980 to 1983

[**1983 preliminary.** Recipients comprise those receiving Federal SSI payments and State-administered supplementation plus those who receive only State supplementary payments. See text, p. 352, and Appendix III]

STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)			STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)		
	1980	1982	1983	1980	1982	1983		1980	1982	1983	1980	1982	1983
Total	**249.5**	**248.0**	**253.9**	**226**	**276**	**270**	Kentucky	8.4	7.7	7.7	12	11	11
							Minnesota	10.4	9.9	9.9	10	12	13
Alabama	17.0	18.1	20.1	12	11	13	Missouri	26.0	19.1	16.4	12	37	8
Alaska	1.0	2.5	4.1	2	3	9	Nebraska	6.1	6.0	7.4	5	6	5
Arizona	1.7	1.7	2.4	1	1	2	New Hampshire	4.5	4.6	4.9	5	6	9
Colorado	31.8	34.5	34.9	32	39	44	North Carolina	10.7	11.0	11.4	23	26	28
Connecticut	12.7	12.4	13.1	20	23	27	Oklahoma	56.4	52.4	53.0	42	40	36
Florida	3.2	7.6	8.1	2	3	5	Oregon	12.3	13.4	13.3	6	9	14
Idaho	3.5	2.5	2.6	3	3	3	South Carolina	1.6	1.8	2.1	2	2	3
Illinois	31.0	28.7	30.1	26	28	27	Virginia	3.1	3.7	4.1	6	9	10
							Other	8.2	8.2	8.5	3	5	5

Source: U.S. Social Security Administration, *Social Security Bulletin*, June issue.

No. 640. Public Aid—Recipients of Aid to Families With Dependent Children (AFDC) and Supplemental Security Income (SSI), States and Other Areas: 1975 to 1983

[In **thousands, except percent.** As of **December,** except as noted. For explanation of methodology, see Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state or other area	AFDC				SSI[2]					Public aid[4] recipients as percent of population	
	Total recipients[1]			Recipient families, 1983	1980	1982	1983				
	1975	1980	1982	1983			Total[3]	Aged	Disabled	1980	1983
Total[5]	**11,404**	**11,101**	**10,504**	**10,868**	**3,723**	**4,142**	**3,858**	**3,901**	**1,515**	**2,307**	(x)	(x)
U.S.	11,189	10,923	10,312	10,677	3,664	4,142	3,857	3,900	1,515	2,307	6.5	6.1
Regions:												
Northeast	3,007.5	2,862.7	2,579.3	2,591.7	871.1	812.5	750.5	757.1	266.2	476.6	7.4	6.7
Midwest	3,053.9	3,032.5	3,023.9	3,218.1	1,066.4	656.6	614.5	627.2	187.2	427.7	6.0	6.4
South	3,047.4	2,883.0	2,582.4	2,653.1	960.9	1,757.8	1,648.6	1,670.3	731.7	908.4	6.0	5.3
West	2,070.2	2,144.4	2,126.0	2,214.5	765.5	914.4	843.4	846.1	329.8	494.1	6.7	6.6
N. Eng	**666.8**	**647.1**	**519.8**	**513.3**	**180.5**	**198.0**	**179.2**	**181.5**	**77.6**	**97.8**	**6.9**	**5.6**
ME	68.2	57.7	47.6	50.1	17.5	21.6	19.9	20.7	8.1	12.2	7.4	6.1
NH	27.2	23.6	19.2	17.1	6.4	[6] 5.4	[6] 5.1	[6] 5.3	[6] 1.6	[6] 3.6	3.0	2.5
VT	24.0	24.3	20.4	24.2	8.3	8.9	8.5	8.7	3.0	5.6	6.4	5.8
MA	358.9	347.8	260.8	248.6	88.6	123.6	108.3	108.4	53.4	50.1	8.3	6.2
RI	53.8	54.0	44.9	45.0	16.0	15.0	14.3	14.5	5.1	9.2	7.2	6.2
CT	134.7	139.7	126.9	128.3	43.7	[6] 23.4	[6] 23.1	[6] 23.9	[6] 6.4	[6] 17.1	5.2	4.9
Mid. Atl	**2,340.7**	**2,215.6**	**2,059.5**	**2,078.4**	**690.6**	**614.5**	**571.2**	**575.6**	**188.6**	**378.8**	**7.6**	**7.1**
NY	1,248.9	1,109.6	1,081.2	1,115.5	369.1	365.5	336.5	336.5	113.6	218.9	8.4	8.1
NJ	451.9	468.6	394.2	388.1	130.6	85.8	82.7	85.1	28.9	55.0	7.4	6.4
PA	639.9	637.4	584.1	574.8	191.0	163.2	152.0	154.0	46.1	104.9	6.7	6.0
E. No. Cent	**2,416.6**	**2,418.5**	**2,480.0**	**2,624.3**	**860.5**	**466.3**	**439.2**	**448.7**	**121.9**	**316.2**	**6.6**	**7.2**
OH	577.7	572.3	608.9	680.4	225.5	119.3	113.1	115.3	27.3	85.6	6.0	7.0
IN	176.3	170.2	162.9	166.1	57.7	[6] 41.4	[6] 39.7	[6] 40.5	[6] 11.6	[6] 27.8	3.7	3.7
IL	803.2	891.4	726.7	742.0	242.4	[6] 123.6	[6] 117.2	[6] 119.8	[6] 29.3	[6] 88.3	7.0	7.5
MI	675.6	752.6	729.5	754.4	242.6	113.8	108.1	110.5	29.7	78.9	8.9	9.5
WI	183.8	232.0	252.0	281.4	92.3	68.3	61.2	62.6	24.0	37.6	6.1	7.0
W. No. Cent	**647.3**	**614.0**	**543.9**	**593.8**	**205.9**	**190.3**	**175.3**	**178.5**	**65.3**	**109.5**	**4.5**	**4.3**
MN	130.0	145.6	132.5	146.9	50.2	[6] 31.9	[6] 29.4	[6] 29.9	[6] 10.0	[6] 19.2	4.2	4.1
IA	94.5	111.3	98.5	111.6	39.4	25.6	24.2	25.5	9.1	15.4	4.6	4.4
MO	273.1	215.7	177.1	194.5	67.5	[6] 84.4	[6] 76.8	[6] 77.1	[6] 30.5	[6] 45.3	5.9	5.2
ND	13.6	13.1	10.3	11.3	4.1	[6] 6.3	[6] 5.8	[6] 5.8	[6] 2.5	[6] 3.3	3.0	2.5
SD	25.0	18.6	16.7	16.4	5.9	8.0	7.4	7.7	3.0	4.5	4.2	3.5
NE	37.0	37.5	38.9	41.3	14.5	[6] 13.7	[6] 12.8	[6] 13.0	[6] 4.2	[6] 8.6	3.2	3.4
KS	74.1	72.0	69.9	71.8	24.3	20.4	18.9	19.5	6.0	13.2	3.8	3.8
So. Atl	**1,494.2**	**1,463.4**	**1,349.4**	**1,342.1**	**501.2**	**744.4**	**708.5**	**719.6**	**287.7**	**418.4**	**5.8**	**5.3**
DE	31.7	34.2	28.3	25.2	9.2	7.2	6.7	6.9	2.0	4.7	6.6	5.4
MD	218.2	220.3	192.0	193.7	71.3	48.3	46.0	47.2	13.7	32.8	6.1	5.5
DC	103.6	82.0	65.1	59.0	22.9	15.1	14.4	14.8	3.9	10.7	15.5	12.1
VA	180.2	175.9	160.7	157.7	59.6	[6] 80.6	[6] 77.6	[6] 79.3	[6] 30.1	[6] 47.8	4.6	4.3
WV	74.3	80.0	77.5	86.1	31.0	[6] 41.0	[7] 39.0	[7] 39.6	[7] 11.0	[7] 28.0	6.0	6.0
NC	192.0	201.8	170.8	170.2	68.6	[6] 140.6	[6] 131.7	[6] 131.9	[6] 54.0	[6] 75.0	5.8	5.1
SC	138.6	156.1	135.4	128.9	47.8	[6] 83.4	[6] 79.5	[6] 81.1	[6] 33.5	[6] 45.7	7.6	6.5
GA	309.5	239.7	238.2	230.1	84.4	154.5	145.3	147.9	61.9	83.2	6.9	6.7
FL	246.1	279.4	281.4	289.2	106.4	173.6	168.3	170.9	77.6	90.5	4.4	4.2
E. So. Cent	**762.6**	**703.6**	**602.8**	**621.8**	**227.1**	**470.1**	**445.2**	**452.7**	**203.9**	**241.0**	**7.9**	**7.1**
KY	197.9	175.1	150.2	158.7	60.1	[6] 93.7	[6] 89.1	[6] 91.7	[6] 34.3	[6] 55.3	7.2	6.6
TN	212.0	173.9	151.1	154.0	59.1	130.6	122.6	124.1	51.0	71.1	6.4	5.9
AL	166.5	178.3	155.1	155.0	55.2	[6] 134.1	[6] 125.9	[6] 127.8	[6] 65.3	[6] 60.6	8.1	7.1
MS	186.2	176.3	146.4	154.1	52.7	111.8	107.7	109.1	53.3	54.0	11.4	10.1
W. So. Cent	**790.6**	**716.0**	**630.2**	**689.2**	**232.6**	**543.3**	**494.8**	**498.0**	**240.1**	**249.0**	**5.2**	**4.4**
AR	108.6	85.0	62.6	62.9	22.3	77.8	70.7	71.5	35.8	34.3	7.2	5.8
LA	232.6	219.0	196.6	212.8	70.4	136.5	123.3	123.1	52.4	68.6	8.3	7.3
OK	88.4	92.0	69.1	78.2	27.2	[6] 67.3	[6] 59.4	[6] 59.1	[6] 26.6	[6] 31.5	5.2	4.0
TX	361.0	320.0	301.7	335.3	112.7	[7] 261.7	[7] 241.4	[7] 244.3	[7] 125.3	[7] 114.6	4.0	3.5
Mt	**322.3**	**301.7**	**289.2**	**307.3**	**108.8**	**116.2**	**110.2**	**112.9**	**39.0**	**71.3**	**3.5**	**3.3**
MT	19.7	19.9	17.3	19.8	7.1	6.8	6.5	6.7	1.8	4.7	3.4	3.0
ID	19.7	20.3	18.3	18.4	6.8	[6] 7.5	[6] 7.2	[6] 7.5	[6] 2.2	[6] 5.2	3.1	2.7
WY	6.4	7.0	6.9	8.4	3.2	[6] 1.8	[6] 1.7	[6] 1.8	[6] .6	[6] 1.1	1.9	2.0
CO	95.0	81.0	83.5	88.5	30.3	[6] 30.5	[6] 28.2	[6] 28.4	[6] 10.1	[6] 17.8	3.7	3.6
NM	60.0	56.2	48.4	49.0	17.9	[6] 25.4	[6] 24.1	[6] 24.6	[6] 9.2	[6] 14.9	6.1	5.1
AZ	68.3	59.8	64.7	72.2	25.9	[6] 29.6	[6] 28.5	[6] 29.2	[6] 9.9	[6] 18.7	3.0	3.3
UT	37.4	43.7	36.7	38.3	13.1	[6] 7.8	[6] 7.5	[6] 7.8	[6] 2.0	[6] 5.7	3.2	2.9
NV	15.8	13.8	13.4	12.7	4.5	6.8	6.6	6.9	3.2	3.2	2.9	2.2
Pac	**1,747.9**	**1,842.7**	**1,836.8**	**1,907.2**	**656.7**	**798.2**	**733.2**	**733.2**	**290.8**	**422.8**	**7.9**	**7.8**
WA	144.2	173.3	144.2	156.5	57.6	45.3	42.5	43.7	12.2	30.9	4.9	4.3
OR	110.2	94.0	73.5	71.8	27.1	[6] 22.2	[6] 21.8	[6] 23.1	[6] 6.5	[6] 16.1	4.9	3.6
CA	1,428.8	1,498.2	1,553.6	1,612.9	549.7	717.5	656.2	653.4	266.6	368.5	8.8	8.9
AK	10.6	15.9	10.7	12.1	4.8	[6] 3.1	[6] 2.9	[6] 3.0	[6] 1.1	[6] 1.9	4.6	3.1
HI	54.1	61.3	54.8	53.9	17.5	10.2	9.8	10.0	4.4	5.4	7.3	6.3
PR	208.1	169.7	184.7	181.0	55.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)
GU	3.3	5.3	4.4	6.2	1.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)
V I	3.9	3.4	3.7	3.8	1.3	(x)	(x)	(x)	(x)	(x)	(x)	(x)
N. Mariana	(x)	(x)	(x)	(x)	(x)	[7] .6	[7] .6	[7] .6	[7] .3	[7] .3	(x)	(x)

X Not applicable. [1] See footnote 4, table 638. [2] Covers persons with Federal Supplemental Security Income (SSI) payments and/or federally-administered State supplementation, except as noted. See text, p. 352. [3] Includes blind recipients. [4] Data compiled by U.S. Bureau of the Census. Total recipients as of June of AFDC and of Federal SSI as percent of resident population. For population figures used, see table 11. [5] SSI totals include small number of recipients whose residence was "unknown." [6] Data for persons with Federal SSI payments only; State has State-administered supplementation. [7] Data for persons with Federal SSI payments only; State supplementary payments not made.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly.

No. 641. Public Aid—Payments Under Aid to Families With Dependent Children (AFDC) and Supplemental Security Income (SSI), States and Other Areas: 1975 to 1983

[Data for SSI cover Federal SSI payments and/or federally-administered State supplementation, except as noted. See text, p. 352 and Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and State or other area	AFDC							SSI				
	Payments for year (mil. dol.)				Average monthly payment per family			Payments for year (mil. dol.)			Avg. mo. payment, Dec. 1983	
	1975	1980	1981	1982	1975	1980	1982	1980	1982	1983	Aged	Disabled
Total	**9,211**	**12,475**	**12,981**	**12,878**	**$219**	**$280**	**$303**	**[1] 7,714.6**	**[1] 8,705.5**	**[1] 9,133.8**	**$158**	**$245**
U.S.	**9,179**	**12,409**	**12,902**	**12,810**	(NA)	(NA)	(NA)	**7,689.8**	**8,704.5**	**9,131.7**	(NA)	(NA)
Region:												
Northeast	3,180	3,864	3,781	3,732	(NA)	(NA)	(NA)	1,615.4	1,817.1	1,920.5	(NA)	(NA)
Midwest	2,610	3,535	3,809	3,729	(NA)	(NA)	(NA)	1,097.1	1,262.6	1,358.3	(NA)	(NA)
South	1,514	1,892	1,939	1,834	(NA)	(NA)	(NA)	2,682.2	3,133.0	3,329.7	(NA)	(NA)
West	1,875	3,118	3,373	3,515	(NA)	(NA)	(NA)	2,295.1	2,491.8	2,523.2	(NA)	(NA)
N. Eng	**685**	**910**	**930**	**836**	(NA)	(NA)	(NA)	**356.3**	**392.7**	**413.5**	(NA)	(NA)
ME	48	60	59	59	170	233	292	28.6	33.2	35.3	94	203
NH	24	27	27	24	232	271	280	[2] 7.8	[2] 9.7	[2] 11.0	118	231
VT	21	32	40	37	261	340	422	15.7	18.1	19.9	142	244
MA	415	510	516	440	309	341	369	240.8	254.4	262.1	161	270
RI	47	72	79	66	241	325	329	24.6	29.3	31.8	141	238
CT	130	209	209	210	268	358	402	[2] 38.8	[2] 48.0	[2] 53.4	148	228
Mid. Atl	**2,495**	**2,954**	**2,851**	**2,896**	(NA)	(NA)	(NA)	**1,259.1**	**1,424.4**	**1,507.0**	(NA)	(NA)
NY	1,448	1,623	1,551	1,656	325	371	391	790.7	879.9	916.7	187	274
NJ	437	560	534	504	274	311	314	156.4	197.7	215.0	181	260
PA	610	771	766	736	268	297	308	312.0	346.8	375.3	152	252
E. No. Cent	**2,131**	**2,838**	**3,063**	**3,027**	(NA)	(NA)	(NA)	**827.4**	**949.6**	**1,022.0**	(NA)	(NA)
OH	405	561	616	606	190	250	257	200.3	235.6	253.9	132	225
IN	105	139	145	140	161	203	213	[2] 59.5	[2] 73.0	[2] 79.7	120	214
IL	773	722	801	805	284	277	294	[2] 206.5	[2] 246.1	[2] 266.0	150	226
MI	655	1,063	1,105	1,063	273	379	383	237.0	259.4	277.6	154	264
WI	193	353	396	413	278	366	422	124.1	135.5	144.6	144	257
W. No. Cent	**479**	**697**	**746**	**702**	(NA)	(NA)	(NA)	**269.7**	**313.0**	**336.3**	(NA)	(NA)
MN	134	207	246	233	256	336	425	[2] 41.8	[2] 47.9	[2] 52.1	122	184
IA	95	144	142	130	278	307	321	33.7	40.7	44.9	106	200
MO	130	182	190	176	126	217	232	[2] 128.4	[2] 146.4	[2] 154.7	130	219
ND	12	16	16	14	226	277	309	[2] 8.6	[2] 9.8	[2] 10.3	115	202
SD	20	19	17	17	204	216	241	10.3	12.5	13.7	109	197
NE	27	42	48	49	191	274	313	[2] 19.0	[2] 22.7	[2] 24.5	109	199
KS	61	87	87	83	215	271	305	27.9	33.0	36.1	124	197
So. Atl	**858**	**1,125**	**1,178**	**1,161**	(NA)	(NA)	(NA)	**1,173.1**	**1,398.0**	**1,492.9**	(NA)	(NA)
DE	22	32	31	28	178	227	234	11.0	13.1	14.3	122	219
MD	144	214	224	215	175	228	255	82.0	97.7	105.3	138	233
DC	92	92	88	86	239	252	283	31.0	36.0	38.5	154	263
VA	135	160	174	166	192	214	234	[2] 119.5	[2] 145.1	[2] 156.8	129	214
WV	44	60	60	58	171	182	183	[2] 72.3	[3] 84.8	[3] 90.7	142	235
NC	121	154	156	143	158	164	176	[2] 209.8	[2] 245.5	[2] 261.3	132	214
SC	46	72	79	75	88	107	124	[2] 123.6	[2] 146.6	[3] 156.9	128	211
GA	136	138	161	177	100	133	170	232.9	270.3	286.1	131	208
FL	118	203	205	213	122	175	184	291.0	358.9	383.0	176	223
E. So. Cent	**295**	**366**	**361**	**324**	(NA)	(NA)	(NA)	**715.8**	**839.4**	**896.1**	(NA)	(NA)
KY	119	136	141	122	177	177	184	[2] 151.0	[2] 179.7	[2] 195.1	136	227
TN	85	85	82	76	106	113	113	198.7	232.6	247.0	127	216
AL	59	84	76	72	96	110	109	[2] 195.3	[2] 226.5	[2] 241.5	132	214
MS	32	61	62	54	49	88	89	170.8	200.6	212.5	134	216
W. So. Cent	**361**	**401**	**400**	**349**	(NA)	(NA)	(NA)	**793.3**	**895.6**	**940.7**	(NA)	(NA)
AR	50	51	47	34	125	145	124	107.2	119.9	125.8	123	197
LA	98	124	130	127	121	148	168	220.9	246.3	256.8	143	220
OK	67	92	89	71	188	250	257	[2] 100.2	[2] 108.1	[3] 112.3	135	202
TX	146	134	134	117	108	109	105	[3] 365.0	[3] 421.3	[3] 445.8	132	203
Mt	**218**	**274**	**289**	**293**	(NA)	(NA)	(NA)	**167.6**	**223.4**	**239.1**	(NA)	(NA)
MT	13	19	19	20	155	228	287	10.7	12.7	13.5	114	217
ID	18	24	21	20	227	258	258	[2] 11.0	[2] 13.6	[2] 14.9	115	203
WY	5	9	8	9	163	262	315	[2] 2.5	[2] 3.0	[2] 3.2	121	221
CO	75	81	90	88	200	239	277	[2] 46.4	[2] 53.8	[2] 57.5	138	213
NM	32	42	46	44	142	185	204	[2] 41.3	[2] 48.4	[2] 51.7	138	224
AZ	32	40	44	51	131	174	191	[2] 53.2	[2] 63.2	[2] 68.3	161	244
UT	34	48	49	49	227	314	341	[2] 11.4	[2] 14.2	[2] 15.4	147	202
NV	9	11	12	12	151	207	220	11.1	14.5	14.6	158	236
Pac	**1,657**	**2,844**	**3,084**	**3,222**	(NA)	(NA)	(NA)	**2,107.5**	**2,268.4**	**2,284.1**	(NA)	(NA)
WA	138	251	230	242	241	365	389	85.4	95.3	103.9	152	254
OR	97	147	109	99	224	318	293	[2] 34.7	[2] 42.7	[2] 47.4	124	222
CA	1,349	2,328	2,616	2,763	248	399	447	1,962.0	2,100.2	2,100.5	222	322
AK	13	27	36	31	271	359	516	[2] 5.5	[2] 6.5	[2] 7.1	178	232
HI	60	91	93	87	325	386	406	19.9	23.7	25.2	194	252
PR	25	60	72	64	46	113	97	(X)	(X)	(X)	(X)	(X)
GU	2	3	4	4	191	209	230	(X)	(X)	(X)	(X)	(X)
VI	2	2	3	3	129	196	198	(X)	(X)	(X)	(X)	(X)
N. Mariana	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[3] 1.4	[3] 1.6	[3] 1.7	238	252

NA Not available. X Not applicable. [1] 1980 figures include payments to Indochina refugees (U.S. total $23.6 million in 1980) which were not available by State. In addition, totals were reduced to reflect returned checks and overpayment refunds. [2] Federal SSI payments only; State has State-administered supplementation. [3] Federal SSI payments only.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and *Public Assistance Statistics*, monthly.

No. 642. Aid to Families With Dependent Children (AFDC)—Percent Distribution of Recipient Families and Children, by Characteristics: 1975 to 1982

[Refers to federally-aided State programs providing aid to needy children deprived of parental care or support. Based on a sample and subject to sampling variability; for details, see source]

FAMILIES	1975	1981	1982	CHILDREN	1975	1981	1982
Recipient families (1,000)	3,420	3,707	3,390	**Recipient children (1,000)**	6,121	7,341	6,624
PERCENT DISTRIBUTION				PERCENT DISTRIBUTION			
Families with—				Basis for eligibility:			
1 child	37.9	44.6	43.4	Father is—			
2 children	26.0	28.6	30.7	Deceased	3.7	1.5	.9
3 children	16.1	16.1	15.2	Incapacitated	7.7	4.1	3.5
4 or 5 children	15.0	9.2	8.0	Unemployed	3.7	5.1	6.0
6 or more children	5.0	1.7	1.6				
				Absent from home:			
Years as recipient: [1]				Divorced	19.4	[2] 21.8	[2] 20.6
Under 1 year	27.7	30.4	31.8	Separated	[3] 28.6	[4] 20.0	[4] 19.0
1-3 years	27.3	30.2	29.5	Not married to mother	31.0	43.8	46.5
4-5 years	18.8	13.5	14.5	Other	4.3	2.7	2.2
6-10 years	19.3	17.5	16.2	Mother is absent, not father	1.6	1.0	1.3
Over 10 years	6.3	8.4	7.9				
				Age: [1]			
				Under 6 years, including unborn	34.6	39.7	41.1
				6-11 years	33.7	32.0	32.4
				12-17 years	28.5	25.7	25.1
				18-20 years	2.4	2.7	1.5

[1] For 1975, excludes unknown or not reported. [2] Legally separated included with divorced. [3] Legally and nonlegally separated. [4] Nonlegally separated only.

Source: U.S. Social Security Administration, *1975 Recipient Characteristics Study* (Part 1), Sept. 1977; and unpublished data.

No. 643. Orphans, by Type: 1960 to 1983

[Includes Puerto Rico and Virgin Islands; beginning 1980, also includes American Samoa, Guam, and citizens (including Armed Forces) overseas. Covers children under age 18 who have been orphaned at any time. Paternal orphan refers to loss of father only, maternal orphan to loss of mother only, full orphan to loss of both parents. Percent of child population based on Social Security Administration estimates of number of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology]

YEAR	NUMBER (1,000)				PERCENT OF CHILD POPULATION			
	Total	Paternal	Maternal	Full	Total	Paternal	Maternal	Full
1960, January	2,955	2,055	840	60	4.5	3.1	1.3	.1
1965, January	3,290	2,330	890	70	4.7	3.3	1.3	.1
1970, July	3,260	2,300	890	70	4.6	3.2	1.3	.1
1975, July	3,334	2,339	938	57	4.8	3.4	1.3	.1
1980, July	2,915	2,095	768	52	4.4	3.1	1.2	.1
1981, July	2,784	2,008	728	48	4.2	3.0	1.1	.1
1982, July	2,647	1,914	689	44	4.0	2.9	1.0	.1
1983, July	2,518	1,826	653	39	3.9	2.8	1.0	.1

Source: U.S. Social Security Administration, unpublished data.

No. 644. Head Start Program—Enrollment and Appropriations: 1970 to 1983

[For years ending **June 30**, except, beginning 1977, ending **Sept. 30**. Head Start program was designed to help communities overcome the handicaps of disadvantaged preschool children by providing preschool children from low-income families with a comprehensive program that would meet their educational, social, health, nutritional, and psychological needs]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total enrollment	1,000	424	368	338	338	322	391	388	376	387	391	396
Full year program [1]	1,000	229	299	292	292	296	365	369	362	375	391	396
Summer program [2]	1,000	195	69	46	46	26	26	18	14	12	(X)	(X)
Federal gov't appropriation	Mil. dol	326	392	441	455	475	625	680	735	819	912	912

X Not applicable. [1] Includes children enrolled in Parent and Child Centers which serve children from infancy to 3 years old. [2] Program discontinued in 1982.

Source: U.S. Dept. of Health and Human Services, Administration for Children, Youth and Families, unpublished data.

No. 645. Child Support and Alimony—Selected Characteristics of Women: 1981

[Women as of **spring 1982.** Child support data are for women with own children under 21 years of age present from an absent father. Alimony data are for ever-divorced and currently separated women. Covers civilian noninstitutional population. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

Recipiency status of women	Unit	Total[1]	Current marital status				Race		Spanish origin[4]	Age		
			Divorced	Married[2]	Single[3]	Separated	White	Black		18 to 29 years	30 to 39 years	40 years and over
CHILD SUPPORT												
All women, total	1,000	**8,387**	**2,861**	**2,201**	**1,708**	**1,552**	**5,977**	**2,283**	**628**	**3,053**	**3,288**	**2,046**
Payments awarded[5]	1,000	4,969	2,304	1,712	244	665	4,136	772	276	1,401	2,292	1,277
Percent of total	Percent	59.2	80.5	77.8	14.3	42.8	69.2	33.8	43.9	45.9	69.7	62.4
Due child support payment in 1981	1,000	4,043	2,033	1,298	178	518	3,443	546	232	1,166	1,943	933
Received payment	1,000	2,902	1,501	866	112	414	2,495	366	153	723	1,482	697
Percent of total	Percent	34.6	52.5	39.3	6.6	26.7	41.7	16.0	24.4	23.7	45.1	34.1
Percent of due	Percent	71.8	73.8	66.7	62.9	79.9	72.5	67.0	65.9	62.0	76.3	74.7
Did not receive payment	1,000	1,140	533	432	66	103	948	180	79	443	462	236
Payments not awarded	1,000	3,417	557	489	1,464	887	1,841	1,511	352	1,653	996	769
Mean money income:												
Women received payments	Dollars	11,747	14,230	9,081	5,555	9,893	12,198	8,849	8,667	8,074	12,494	13,969
Mean child support	Dollars	2,106	2,220	1,909	1,015	2,374	2,180	1,640	2,068	1,483	2,231	2,484
Women did not receive payments	Dollars	8,027	9,767	7,035	(B)	5,475	8,109	7,582	8,060	6,384	8,042	11,085
Women not awarded payments	Dollars	6,135	8,697	6,413	4,937	6,322	6,612	5,574	4,967	4,614	7,569	7,546
Women with incomes below the poverty level in 1981, total	1,000	**2,566**	**694**	**181**	**893**	**784**	**1,355**	**1,167**	**284**	**1,293**	**837**	**435**
Payments awarded[5]	1,000	1,018	498	110	127	278	695	311	90	441	404	173
Received payments in 1981	1,000	495	241	46	65	144	344	144	44	217	200	79
Mean income from child support	Dollars	1,440	1,466	(B)	(B)	1,768	1,499	1,320	(B)	1,240	1,515	1,799
Did not receive payment	1,000	311	164	41	27	73	233	73	33	145	131	35
Payments not awarded	1,000	1,547	196	71	767	507	660	856	194	852	434	262
ALIMONY												
All women, total	1,000	**16,996**	**6,749**	**6,453**	(X)	**2,787**	**14,274**	**2,470**	**964**	**3,090**	**5,058**	**8,848**
Payments awarded[5]	1,000	2,534	1,172	923	(X)	283	2,312	206	102	269	650	1,614
Received payments in 1981	1,000	527	392	34	(X)	100	488	34	28	56	202	269
Mean income from alimony	Dollars	3,000	3,006	(B)	(X)	3,291	3,040	(B)	(B)	(B)	2,453	3,631
Did not receive payment	1,000	255	160	46	(X)	47	231	22	17	53	97	105
Payments not awarded	1,000	14,462	5,578	5,530	(X)	2,504	11,963	2,265	862	2,820	4,408	7,234
Women with incomes below the poverty level in 1981, total	1,000	**3,548**	**1,535**	**479**	(X)	**1,276**	**2,524**	**968**	**324**	**858**	**1,016**	**1,674**
Payments awarded	1,000	361	202	45	(X)	102	330	49	23	60	109	212
Payments not awarded	1,000	3,167	1,332	434	(X)	1,175	2,194	919	301	798	907	1,461

B Base less than 75,000. X Not applicable. [1] Includes other items, not shown separately. [2] Remarried women whose previous marriage ended in divorce. [3] Never-married women. [4] Persons of Spanish origin may be of any race. [5] Includes women who were not supposed to receive payments in 1981, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 124.

No. 646. Child Care Arrangements Used by Employed Mothers For Youngest Child Under 5 Years Old: 1982

[As of **June.** Covers employed women, 18 to 44 years old having at least one child under 5 years old. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III]

Principal child care arrangement	Total[1]	Employment status		Marital status		Race	
		Full-time	Part-time	Married, husband present	Other[2]	White	Black
Number of mothers employed (1,000)	5,086	3,263	1,824	4,093	993	4,203	717
PERCENT DISTRIBUTION							
Total[3]	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Care in child's home	30.6	25.7	39.3	30.4	31.6	30.8	26.7
By father	13.9	10.3	20.3	16.8	1.9	14.7	8.3
By other relative	11.2	10.3	12.7	8.8	21.0	9.7	16.5
By nonrelative	5.5	5.1	6.3	4.8	8.7	6.4	1.9
Care in another home	40.2	43.8	34.0	40.7	38.2	40.3	42.2
By relative	18.2	19.7	15.6	18.0	19.0	16.7	28.4
By nonrelative	22.0	24.1	18.4	22.7	19.2	23.6	13.8
Group care center	14.8	18.8	7.5	13.4	20.2	13.6	20.9
Mother cares for child while working	9.1	6.2	14.4	10.5	3.3	10.3	3.1
Other arrangements[4]	.2	.3	.1	.1	.5	.1	.6

[1] Includes other races not shown separately. [2] Represents married women with husband absent (including separated) and widowed, divorced, and never-married women. [3] Includes women who don't know or gave no answer. [4] Includes child taking care of self.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 129.

No. 647. Percent of Adult Population Doing Volunteer Work: 1981 and 1983

[Volunteers are persons who worked in some way to help others for no monetary pay during the previous year. Covers persons 18 years old and over. Data for 1981 were collected in March 1981 and 1983 data were collected in fall 1983 as part of Gallup Poll. Based on a sample and subject to sampling variability, see source]

SEX, RACE AND EDUCATIONAL ATTAINMENT	1981	1983	AGE AND HOUSEHOLD INCOME	1983	TYPE OF ACTIVITY	1983
Total	**52**	**55**	18-24 yrs. old	53	Percent of volunteers involved in—	
			25-29 yrs. old	67		
Male	47	53	30-49 yrs. old	63	Religious	37
Female	56	56	50-64 yrs. old	54	Health	23
			65 yrs. old and over	32	Education	23
White	54	55			Recreation	13
Black and other	41	39	Under $10,000	37	Political	11
			$10,000-$20,000	52	Citizenship	11
Grade school	26	26	$20,000-$30,000	56	Community action	11
High school, 1-3 years	31	32	$30,000-$40,000	74	Social welfare	10
High school, 4 years	54	51	$40,000 and over	78	Informal, *alone*	44
College, 1-3 years	65	67			Work-related	11
College, 4 years or more	75	77			Fundraising	11

Source: Volunteer: The National Center for Citizen Involvement, Arlington, VA, *Voluntary Action Leadership*, Spring 1984. (Copyright.)

No. 648. American Red Cross—Summary: 1970 to 1983

[For years ending June 30]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983
Red Cross chapters	Number	3,240	3,142	3,108	3,082	3,053	3,011	2,963
Community volunteers [1]	1,000	2,310	1,371	1,357	1,418	1,406	1,375	1,458
Students participating in Red Cross school programs	1,000	6,820	6,191	5,590	4,196	3,586	3,493	2,608
Blood donors—Red Cross and community services [1]	1,000	(NA)	4,262	3,855	4,158	4,683	4,915	5,149
Income, total	Mil. dol.	147.1	248.7	426.9	481.6	553.0	637.0	722.2
Fund campaign contributions	Mil. dol.	124.4	125.6	152.1	163.5	173.2	172.5	194.4
Blood services, U.S. Government *research grants* [2]	Mil. dol.	([3])	88.7	222.8	241.2	301.7	371.9	419.0
Other [4]	Mil. dol.	22.7	34.5	52.0	76.9	78.1	92.6	108.8
Expenditures, total [5]	Mil. dol.	149.4	237.3	398.2	455.0	524.2	587.5	653.4
Services to Armed Forces, veterans, and families	Mil. dol.	56.8	52.7	48.8	55.6	58.8	59.5	61.8
Disaster services	Mil. dol.	32.6	22.0	36.6	57.5	48.6	48.8	63.2
Blood services	Mil. dol.	[3] 15.3	100.3	217.8	241.2	301.4	353.2	391.7
Disaster services:								
Disaster relief operations	Number	688	1,023	2,446	3,418	6,734	7,065	6,039
Families assisted	1,000	43.4	22.3	43.2	90.5	36.3	31.5	49.7
Persons given emergency care	1,000	398	278	494	689	997	512	486
Disaster incidents [6]	1,000	20.4	31.0	38.1	35.7	36.4	36.1	37.3
Families assisted	1,000	31.2	45.4	50.0	46.3	50.3	50.7	54.5
Red Cross blood services:								
Blood voluntarily donated	1,000 units	3,175	4,291	5,215	5,435	5,629	5,911	6,222
Hospitals and blood banks served	Number	4,100	4,117	4,338	4,358	4,541	4,887	[1] 4,800
Certificates issued: Health services	1,000	4,359	4,946	5,743	6,041	6,373	6,416	6,470

NA Not available. [1] Estimated. [2] Includes civilian and Federal hospital participation *fees and other*. [3] Expenditures reported net of income. [4] Primarily income from endowment and other invested funds, legacies, and restricted contributions. [5] Includes other types not shown separately. [6] Mainly involving a small number of families.

Source: American Red Cross, Washington, DC, *Annual Report*.

No. 649. United Way Campaign Funds Raised, by Major Donor: 1960 to 1983

[*In millions of dollars.* "Campaign": A series of operations or systematic effort to reach a desired result or "goal"]

MAJOR DONOR GROUP	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**457**	**598**	**788**	**979**	**1,023**	**1,104**	**1,205**	**1,318**	**1,423**	**1,530**	**1,680**	**1,781**	**1,950**
Corporations	159	194	225	271	281	293	301	331	394	430	457	499	528
Individuals:													
At workplace	231	349	478	601	643	700	783	893	931	999	1,085	1,127	1,260
Residential	67	22	37	36	40	34	33	33	34	34	138	155	162
Other		33	48	71	59	77	88	61	64	67			

Source: United Way of America, Alexandria, VA, unpublished data.

NO. 650. PRIVATE PHILANTHROPY FUNDS, BY SOURCE AND ALLOCATION: 1970 TO 1983

[**In billions of dollars.** Estimates for sources of funds based largely on reports of the U.S. Internal Revenue Service for itemized deductions, corporate profits, and bequests. Data adjusted for nonitemized IRS deductions and after comparison with levels of gross national product, personal income, population, and publicly reported large bequests. For bases of allocation of funds, see source. See *Historical Statistics, Colonial Times to 1970*, series H 398–411, for similar but not comparable data]

SOURCE AND ALLOCATION	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total funds	**20.7**	**25.6**	**27.7**	**29.7**	**32.5**	**36.0**	**40.1**	**43.3**	**47.7**	**54.1**	**60.0**	**64.9**
Individuals	15.9	20.4	22.3	24.2	26.6	29.3	32.8	36.5	39.8	44.6	48.5	53.9
Foundations	1.9	2.0	2.1	2.0	2.1	2.0	2.6	2.2	2.9	3.1	3.2	3.5
Corporations	.8	1.2	1.2	1.2	1.5	1.7	2.1	2.3	2.7	2.9	3.0	3.1
Charitable bequests	2.1	2.0	2.1	2.2	2.4	3.0	2.6	2.2	2.4	3.5	5.5	4.5
Allocation:												
Religion	9.3	10.5	11.9	12.9	14.2	16.9	18.5	20.1	22.2	24.9	28.1	31.0
Education	3.2	4.1	4.1	4.0	4.5	4.8	5.6	6.0	6.7	7.6	8.4	9.0
Health and hospitals	3.4	4.2	4.3	4.4	4.9	4.9	5.5	6.0	6.5	7.5	8.4	9.2
Social welfare	2.9	3.1	3.1	3.1	3.2	3.5	4.0	4.4	4.7	5.4	6.3	6.9
Arts and humanities	.6	1.3	1.3	1.7	2.3	2.3	2.5	2.7	3.0	3.5	5.0	4.1
Civic and public	.4	.6	.8	.9	1.1	1.2	1.2	1.2	1.4	1.6	1.7	1.8
Other	.9	1.9	2.2	2.7	2.4	2.5	2.5	2.9	3.4	3.7	2.2	2.9

Source: American Association of Fund-Raising Counsel, Inc., New York, NY, *Giving USA*, annual. (Copyright.)

NO. 651. FOUNDATIONS—NUMBER AND FINANCES, STATES AND OTHER AREAS

[Figures are for latest year reported by foundations, usually **1981** or **1982.** Covers nongovernment nonprofit organizations with funds and programs managed by their own trustees or directors, whose goal was to maintain or aid social, educational, religious, or other activities deemed to serve the common good. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, or do not currently award grants]

STATE	Number	FINANCES (mil. dol.)			STATE	Number	FINANCES (mil. dol.)		
		Assets	Grants	Gifts received			Assets	Grants	Gifts received
Total	**21,967**	**47,567**	**3,795**	**2,392**	Massachusetts	1,259	1,040	101	44
					Michigan	671	1,941	188	83
Alabama	157	105	8	3	Minnesota	466	1,644	145	204
California	1,654	4,331	366	494	Missouri	512	738	69	41
Colorado	220	497	39	17	New Jersey	648	1,843	103	53
Connecticut	577	761	93	62	New York	4,223	12,656	966	523
Delaware	125	456	22	21	North Carolina	386	838	76	25
District of Columbia	215	462	29	27	Ohio	1,102	1,784	162	156
Florida	641	666	54	59	Oklahoma	170	1,073	61	21
Georgia	373	600	49	23	Oregon	170	148	14	7
Hawaii	82	135	10	3	Pennsylvania	1,234	3,903	272	86
Illinois	1,424	3,300	277	74	Rhode Island	122	94	9	4
Indiana	434	1,125	73	17	South Carolina	132	119	8	4
Iowa	269	153	16	8	Tennessee	212	371	27	22
Kansas	194	129	16	13	Texas	1,085	3,585	303	146
Kentucky	120	180	13	7	Virginia	352	343	22	18
Louisiana	178	206	12	6	Washington	311	407	38	14
Maryland	359	360	31	22	Wisconsin	626	574	54	29
					Other States and PR	1,244	800	68	58

Source: The Foundation Center, New York, NY, *The National Data Book*, 8th edition, 1984.

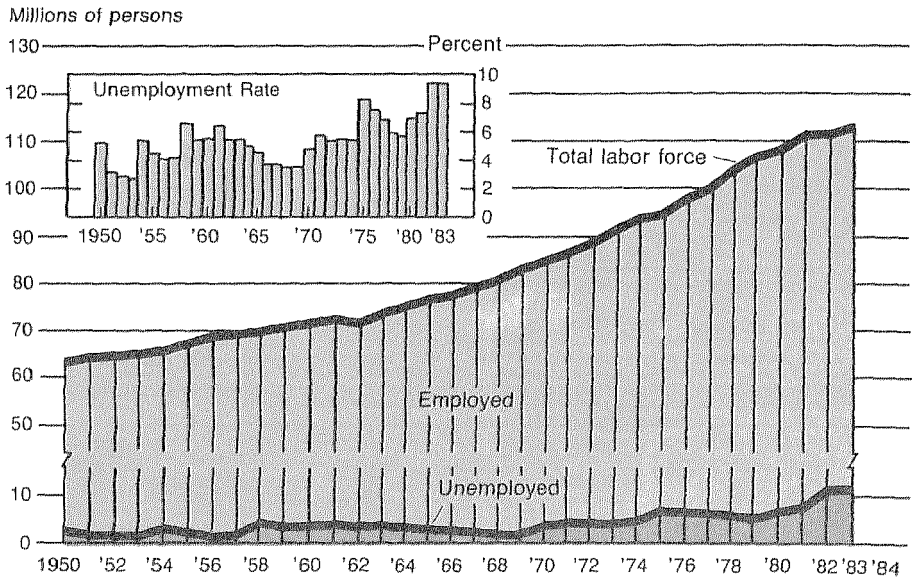
NO. 652. FOUNDATIONS—GRANTS REPORTED, BY SUBJECT FIELD: 1980 TO 1983

[Number and type of foundations reporting varies from year to year. Covers grants of $5,000 or more in size. For 1983, based on reports of about 450 foundations which represented about 42 percent of all grant dollars awarded by private foundations. For definition of foundation, see headnote, table 651]

SUBJECT FIELD	NUMBER OF GRANTS				AMOUNT							
					Total (mil. dol.)				Percent distribution			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
Total	**21,590**	**22,322**	**27,121**	**32,165**	**1,191**	**1,257**	**1,490**	**1,793**	**100.0**	**100.0**	**100.0**	**100.0**
Welfare	6,811	7,247	9,014	10,960	292	329	387	509	24.5	26.2	25.9	28.4
Education	4,719	4,506	5,145	5,775	266	266	356	286	22.4	21.1	23.9	16.0
Health	3,494	3,746	4,584	5,347	299	283	312	390	25.1	22.5	20.8	21.7
Culture	3,291	3,878	4,435	5,151	161	193	209	277	13.5	15.3	14.1	15.4
Science	1,375	1,268	1,844	2,043	75	87	96	161	6.3	6.9	6.5	9.0
Social science	1,182	1,273	1,704	2,225	68	75	102	132	5.7	6.0	6.9	7.4
Religion	718	404	595	664	29	25	28	38	2.4	2.0	1.9	2.1

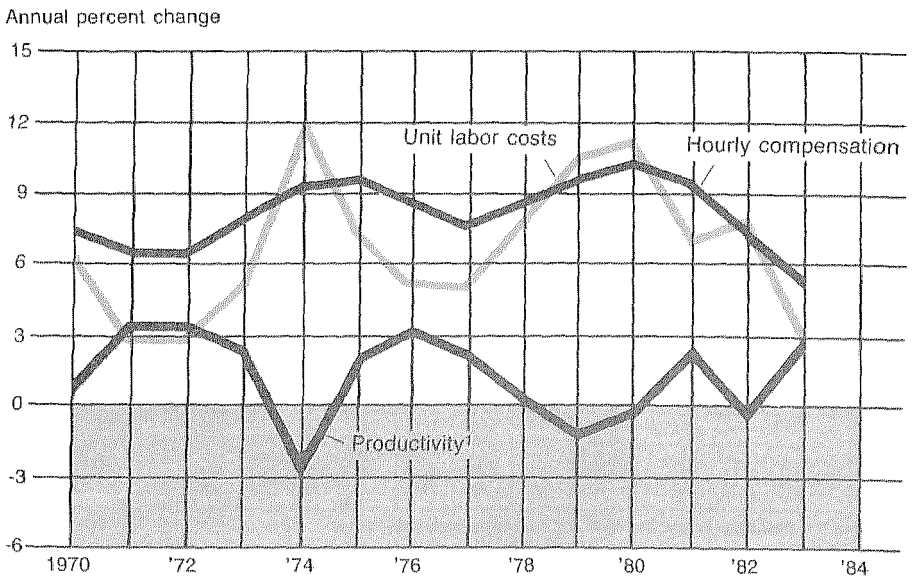
Source: The Foundation Center, New York, NY, *Foundation Grants Index*, annual.

Figure 14.1
Trends in the Labor Force: 1950 to 1983

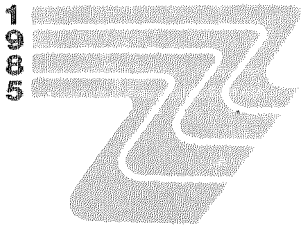


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 653.

Figure 14.2
Productivity, Hourly Compensation, and Unit Labor Costs: 1970 to 1983



¹ Output per hour, all persons.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 692.



Section 14

Labor Force, Employment, and Earnings

This section presents data on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor. The chief source of these data is the Current Population Survey conducted by the U.S. Bureau of the Census. Comprehensive historical data are published by the Bureau of Labor Statistics (BLS) in *Labor Force Statistics Derived From the Current Population Survey: A Databook, BLS Bulletin 2096* and its supplement, and the *Handbook of Labor Statistics.* These volumes are supplemented on a current basis by the BLS monthly publications *Employment and Earnings* and the *Monthly Labor Review* and the periodic BLS Special Labor Force Bulletins. Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

Types of data.—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classifications can be readily derived only from establishment records.

Household data are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the week including the 12th of the month, and provides current comprehensive data on the labor force (see text, p. 2). The CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they work the most hours during the survey week.

Monthly data from the CPS are published by the Bureau of Labor Statistics in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals by sex, race, and age, of the number of persons in the civilian labor force; the number employed, hours of work; industry and occupational groups; and the number unemployed, reasons for, and duration of unemployment. Monthly data from the CPS are also presented for 10 large States, New York City and the Los Angeles SMSA. Annual data shown in this section are averages of monthly figures for each calendar year, unless otherwise specified.

In addition to monthly data, the CPS also produces annual estimates of employment and unemployment for each State, the 30 largest standard metropolitan statistical areas (SMSA's). These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment.* More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1983, reporting establishments employed 10 million manufacturing workers (55 percent of the total manufacturing employment at the time), 13 million workers in nonmanufacturing industries (25 percent of the total in nonmanufacturing), and 12 million Federal, State, and local government employees (72 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with the CPS, the week including the 12th of the month). Thus, unlike the CPS, a person with two jobs is counted twice. The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonagricultural wage and salary employment, average weekly hours, and average hourly and weekly earnings. Establishment survey data are published in *Employment and Earnings* and the *Monthly Labor Review,* cited above. Historical, national, and geographic data are published in *BLS Bulletin 1312-12, Employment, Hours, and Earnings, United States, 1909-84* and *Bulletin 1370-17, Employment, Hours and Earnings, 1939-82,* and their annual supplements, and in the *Handbook of Labor Statistics.*

Labor force.—According to the CPS definitions, the civilian labor force comprises all civilians in the noninstitutional population 16 years and over classified according to the criteria below: Employed civilians comprise (a) all civilians, who, during the reference week, did any work for pay or profit (minimum of an hour's work) or worked 15 hours or more as unpaid workers in a family enterprise, and (b) all civilians who were not working but who had jobs or businesses from which they were temporarily absent for noneconomic reasons (illness, weather conditions, vacation, labor-management dispute, etc.). The labor force also includes members of the Armed Forces stationed in the United States. They are also included in the employed totals. Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed. All other persons, 16 years old and over, are "not in the labor force."

Beginning in 1982, changes in the estimation procedures and the introduction of 1980 census data caused substantial increases in the population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, were essentially unchanged. In order to avoid major breaks in series, some 30,000 labor force series were adjusted back to 1970. The effect of the 1982 revisions on various data series and an explanation of the adjustment procedure used are described in "Revisions in the Current Population Survey in January 1982," in the February 1982 issue of *Employment and Earnings*. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1978, and data users should make allowances for them in making certain data comparisons.

Hours and earnings.—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Wages and salaries from the CPS consist of total monies received for work performed by an employee during the income year. It includes wages, salaries, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, union dues, etc. Persons who worked 35 hours or more are classified as working full-time (see table 662).

Industrial and occupational groups.—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the Standard Industrial Classification (SIC) Manual, Office of Management and Budget; 1972 is the latest issue. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the leval of industrial detail. For example, manufacturing is a major industrial division, food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy.

All industry data derived from the CPS beginning in January 1983 utilizes the SIC, rather than the 1970 census classification system. Comparability of most of the industry detail was not affected.

The occupational classification system used in the 1980 census (see table 673) and in the CPS beginning in January 1983, evolved from the 1980 Standard Occupational Classification (SOC) system, first introduced in 1977. Occupational categories used in the 1980 census classification system are so radically different from the 1970 census system used in the CPS through 1982, that their implementation represented a break in historical data series. In cases where data have not yet been converted to the 1980 classifications and still reflect the 1970 classifications (e.g., table 702), comparisons between the two systems should not be made. To help users bridge the data gap, a limited set of estimates was developed for the 1972–1982 period based on the new classifications. The estimates were developed by means of applying conversion factors created by double coding a 20-percent of CPS occupational records for 6 months during 1981–82. For further details, contact BLS.

Productivity.—BLS publishes measures of productivity under two major programs which measure the relationship between output and one factor of input, labor time. The first program is concerned with measures relating to business as a whole and its various subsectors; the second provides measures for selected specific industries and various functional areas of the Federal civilian government. Data for the first program are published quarterly in the BLS press release *Productivity and Costs.* Data for the second program are published annually in the BLS Bulletin, *Productivity Indexes for Selected Industries.* Conceptual and background information concerning the Federal-sector measures appears in *Monthly Labor Review,* Nov. 1974. Detailed information on methods, limitations, and data sources for both programs appears in *BLS Handbook of Methods,* Volume 1, BLS Bulletin 2134-1 (1982), chapters 13 and 14.

Unions.—As defined here, unions include all affiliates of the AFL-CIO, all unaffiliated national unions, and all unaffiliated unions which are party to collective bargaining agreements with different employers in more than one State. The definition excludes unions whose activities are confined to a single locality or to a single employer. In addition, BLS accounts for all unions of Federal Government employees that have received exclusive recognition. (This program was discontinued in 1980, see table 709.) Collective bargaining settlements data are available for unions of 1,000 members or more.

Work stoppages.—Work stoppages include all strikes and lockouts known to BLS and its cooperating agencies which last for at least one full day or shift and involve 1,000 or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

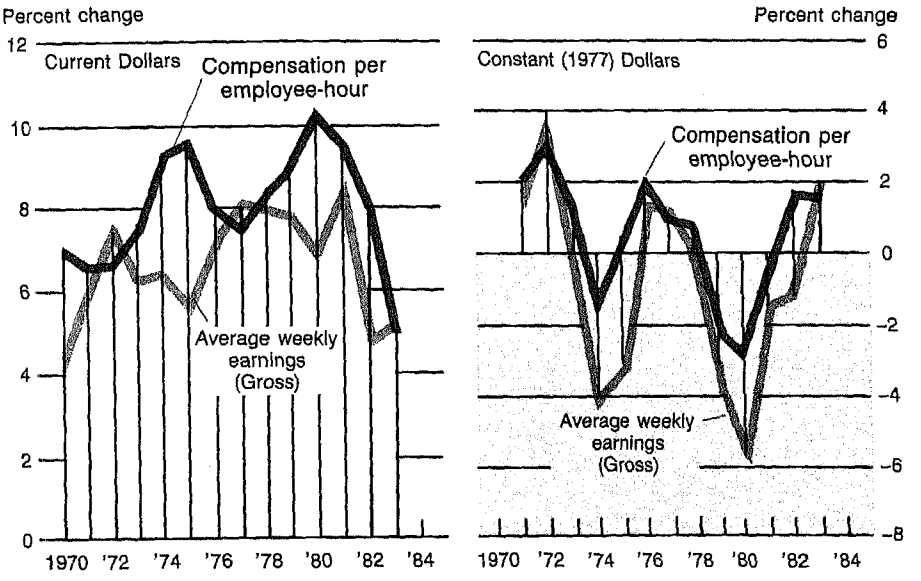
Seasonal adjustment.—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

Statistical reliability.—For discussion of statistical collection, estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau and BLS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 14.3

Earnings and Compensation — Annual Percent Change: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 694 and 695.

No. 653. Employment Status of the Noninstitutional Population 16 Years Old and Over By Sex: 1950 to 1984

[**In thousands, except as indicated.** Annual averages of monthly figures, except as indicated. Based on Current Population Survey; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86]

Year and sex	Noninstitutional population[1]	Labor force[1]								Not in labor force
			Employed					Unemployed		
		Number	Total[1]	Resident Armed Forces	Civilian			Number	Percent of labor force[2]	
					Total	Agriculture	Nonagriculture industries			
Total: 1950	106,164	63,377	60,087	1,169	58,918	7,160	51,758	3,288	5.2	42,787
1955	111,747	67,087	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1960	119,106	71,489	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1965	128,459	76,401	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1967	132,092	79,565	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527
1968	134,281	80,990	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969	136,573	82,972	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970	139,203	84,889	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971	142,189	86,355	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972	145,939	88,847	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973	148,870	91,203	86,638	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974	151,841	93,670	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975	154,831	95,453	87,524	1,676	85,846	3,408	82,438	7,929	8.3	59,377
1976	157,818	97,826	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977	160,689	100,665	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978	163,541	103,882	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979	166,460	106,559	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,349	108,544	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982	173,939	111,872	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983	175,891	113,226	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
1984, June [3]	177,974	115,567	107,438	1,690	105,748	3,403	102,344	8,130	7.0	62,407
Male: 1950	51,875	44,969	42,728	1,150	41,578	6,002	35,576	2,239	5.0	6,906
1960	57,495	48,221	45,737	1,833	43,904	4,472	39,431	2,486	5.2	9,274
1970	66,385	53,309	51,071	2,081	48,990	2,862	46,128	2,238	4.2	13,076
1975	73,891	57,899	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993
1980	80,877	62,932	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945
1983	84,064	64,580	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484
Female: 1950	54,289	18,408	17,359	19	17,340	1,159	16,181	1,049	5.7	35,881
1960	61,610	23,268	21,902	28	21,874	986	20,887	1,366	5.9	38,343
1970	72,819	31,580	29,725	37	29,688	601	29,087	1,855	5.9	41,239
1975	80,938	37,553	34,067	78	33,989	584	33,404	3,486	9.3	43,386
1980	88,472	45,611	42,241	124	42,117	656	41,461	3,370	7.4	42,861
1983	91,827	48,646	44,190	143	44,047	680	43,367	4,457	9.2	43,181
PERCENT DISTRIBUTION										
Total: 1950	100.0	59.7	56.6	1.1	55.5	6.7	48.8	3.1	(X)	40.3
1955	100.0	60.0	57.5	1.8	55.6	5.8	49.9	2.6	(X)	40.0
1960	100.0	60.0	56.8	1.6	55.2	4.6	50.6	3.2	(X)	40.0
1965	100.0	59.5	56.9	1.5	55.3	3.4	51.9	2.6	(X)	40.5
1967	100.0	60.2	58.0	1.7	56.3	2.9	53.4	2.3	(X)	39.8
1968	100.0	60.3	58.2	1.7	56.5	2.8	53.7	2.1	(X)	39.7
1969	100.0	60.8	58.7	1.6	57.0	2.6	54.4	2.1	(X)	39.2
1970	100.0	61.0	58.0	1.5	56.5	2.5	54.0	2.9	(X)	39.0
1971	100.0	60.7	57.2	1.4	55.8	2.4	53.4	3.5	(X)	39.3
1972	100.0	60.9	57.5	1.2	56.3	2.4	53.9	3.3	(X)	39.1
1973	100.0	61.3	58.3	1.2	57.1	2.3	54.8	2.9	(X)	38.7
1974	100.0	61.7	58.3	1.1	57.2	2.3	54.8	3.4	(X)	38.3
1975	100.0	61.6	56.5	1.1	55.4	2.2	53.2	5.1	(X)	38.3
1976	100.0	62.0	57.3	1.1	56.2	2.1	54.1	4.7	(X)	38.0
1977	100.0	62.6	58.3	1.0	57.3	2.0	55.2	4.4	(X)	37.4
1978	100.0	63.5	59.7	1.0	58.7	2.1	56.7	3.8	(X)	36.5
1979	100.0	64.0	60.3	1.0	59.4	2.0	57.4	3.7	(X)	36.0
1980	100.0	64.1	59.6	.9	58.6	2.0	56.7	4.5	(X)	35.9
1981	100.0	64.2	59.4	1.0	58.4	2.0	56.5	4.8	(X)	35.8
1982	100.0	64.3	58.2	1.0	57.2	2.0	55.3	6.1	(X)	35.7
1983	100.0	64.4	58.3	1.0	57.3	1.9	55.4	6.1	(X)	35.6
1984, June [3]	100.0	64.9	60.4	.9	59.4	1.9	57.5	4.6	(X)	35.1
Male: 1950	100.0	86.7	82.4	2.2	80.2	11.6	68.6	4.3	(X)	13.3
1960	100.0	83.9	79.5	3.2	76.4	7.8	68.6	4.3	(X)	16.1
1970	100.0	80.3	76.9	3.1	73.8	4.3	69.4	3.4	(X)	19.7
1975	100.0	78.4	72.3	2.2	70.2	3.8	66.4	6.0	(X)	21.6
1980	100.0	77.8	72.5	1.8	70.7	3.3	67.4	5.3	(X)	22.2
1983	100.0	76.8	69.4	1.8	67.6	3.2	64.3	7.4	(X)	23.2
Female: 1950	100.0	33.9	32.0	(Z)	31.9	2.1	29.8	1.9	(X)	66.1
1960	100.0	37.8	35.5	(Z)	35.5	1.6	33.9	2.2	(X)	62.2
1970	100.0	43.4	40.8	(Z)	40.8	.8	39.9	2.5	(X)	56.6
1975	100.0	46.4	42.1	(Z)	42.0	.7	41.3	4.3	(X)	53.6
1980	100.0	51.6	47.7	.1	47.6	.7	46.9	3.8	(X)	48.4
1983	100.0	53.0	48.1	.2	48.0	.7	47.2	4.9	(X)	47.0

X Not applicable. Z Less than .05. [1] Includes resident Armed Forces. [2] Unemployment as a percent of the labor force, including resident Armed Forces. [3] Seasonally adjusted, except for population and resident Armed Forces.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 654. Employment Status of the Civilian Noninstitutional Population by Sex, Race, and Hispanic Origin: 1960 to 1984

[**In thousands, except as indicated.** Annual averages of monthly figures, except as indicated. Based on Current Population Survey, see Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970*, Series D 11-19 and D 85-86]

Year, sex, race, and Hispanic origin	Civilian noninstitutional population	Civilian labor force						Not in labor force	
		Total	Percent of population	Employed	Employment/population ratio[1]	Unemployed			
						Number	Percent of labor force	Number	Percent of population
Total:									
1960	117,245	69,628	59.4	65,778	56.1	3,852	5.5	47,617	40.6
1965	126,513	74,455	58.9	71,088	56.2	3,366	4.5	52,058	41.1
1970	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315	39.6
1975	153,153	93,775	61.2	85,846	56.1	7,929	8.5	59,377	38.8
1978	161,910	102,251	63.2	96,048	59.3	6,202	6.1	59,659	36.8
1979	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900	36.3
1980	167,745	106,940	63.8	99,303	59.2	7,637	7.1	60,806	36.2
1981	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460	36.1
1982	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067	36.0
1983	174,215	111,550	64.0	100,834	57.9	10,717	9.6	62,665	36.0
1984, June [2]	176,284	113,877	64.6	105,748	60.0	8,130	7.1	62,407	35.4
Male:									
1960	55,662	46,388	83.3	43,904	78.9	2,486	5.4	9,274	16.7
1965	59,782	48,255	80.7	46,340	77.5	1,914	4.0	11,527	19.3
1970	64,304	51,228	79.7	48,990	76.2	2,238	4.4	13,076	20.3
1975	72,291	56,299	77.9	51,857	71.7	4,442	7.9	15,993	22.1
1978	76,576	59,620	77.9	56,479	73.8	3,142	5.3	16,956	22.1
1979	78,020	60,726	77.8	57,607	73.8	3,120	5.1	17,293	22.2
1980	79,398	61,453	77.4	57,186	72.0	4,267	6.9	17,945	22.7
1981	80,511	61,974	77.0	57,397	71.3	4,577	7.4	18,537	23.0
1982	81,523	62,450	76.6	56,271	69.0	6,179	9.9	19,073	23.4
1983	82,531	63,047	76.4	56,787	68.8	6,260	9.9	19,484	23.6
1984, June [2]	83,556	63,907	76.5	59,378	71.1	4,529	7.1	19,649	23.5
Female:									
1960	61,582	23,240	37.7	21,874	35.5	1,366	5.9	38,343	62.3
1965	66,731	26,200	39.3	24,748	37.1	1,452	5.5	40,531	60.7
1970	72,782	31,543	43.3	29,688	40.8	1,855	5.9	41,239	56.7
1975	80,860	37,475	46.3	33,989	42.0	3,486	9.3	43,386	53.7
1978	85,334	42,631	50.0	39,569	46.4	3,061	7.2	42,703	50.0
1979	86,843	44,235	50.9	41,217	47.5	3,018	6.8	42,608	49.1
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861	48.5
1981	89,618	46,696	52.1	43,000	48.0	3,696	7.9	42,922	47.8
1982	90,748	47,755	52.6	43,256	47.7	4,499	9.4	42,993	47.4
1983	91,684	48,503	52.9	44,047	48.0	4,457	9.2	43,181	47.1
1984, June [2]	92,728	49,970	53.9	46,370	50.0	3,600	7.2	42,758	46.1
White:									
1960	105,282	61,915	58.8	58,850	55.9	3,065	5.0	43,367	41.1
1965	113,284	66,137	58.4	63,445	56.0	2,691	4.1	47,147	41.6
1970	122,174	73,556	60.2	70,217	57.5	3,339	4.5	48,618	39.8
1975	134,790	82,831	61.5	76,411	56.7	6,421	7.8	51,959	38.5
1978	141,612	89,634	63.3	84,936	60.0	4,698	5.2	51,978	36.7
1979	143,894	91,923	63.9	87,259	60.6	4,664	5.1	51,971	36.1
1980	146,122	93,600	64.1	87,715	60.0	5,884	6.3	52,522	35.9
1981	147,908	95,052	64.3	88,709	60.0	6,343	6.7	52,856	35.7
1982	149,441	96,143	64.3	87,903	58.8	8,241	8.6	53,298	35.7
1983	150,805	97,021	64.3	88,893	58.9	8,128	8.4	53,784	35.7
1984, June [2]	152,295	98,770	64.9	92,697	60.9	6,072	6.1	53,525	35.1
Black:									
1973	14,917	8,976	60.2	8,128	54.5	846	9.4	5,941	39.8
1975	15,751	9,263	58.8	7,894	50.1	1,369	14.8	6,488	41.2
1978	16,970	10,432	61.5	9,102	53.6	1,330	12.8	6,538	38.5
1979	17,397	10,678	61.4	9,359	53.8	1,319	12.3	6,719	38.6
1980	17,824	10,865	61.0	9,313	52.2	1,553	14.3	6,959	39.0
1981	18,219	11,086	60.8	9,355	51.3	1,731	15.6	7,133	39.2
1982	18,584	11,331	61.0	9,189	49.4	2,142	18.9	7,254	39.0
1983	18,925	11,647	61.5	9,375	49.5	2,272	19.5	7,278	38.5
1984, June [2]	19,330	11,962	61.9	10,168	52.6	1,795	15.0	7,368	38.1
Hispanic origin: [3]									
1973	6,104	3,673	60.2	3,396	55.6	277	7.5	2,431	39.8
1975	6,862	4,171	60.8	3,663	53.4	508	12.2	2,691	39.2
1978	7,912	4,979	62.9	4,527	57.2	452	9.1	2,933	37.1
1979	8,207	5,219	63.6	4,785	58.3	434	8.3	2,988	36.4
1980	8,901	5,700	64.0	5,126	57.6	575	10.1	3,201	36.0
1981	9,310	5,972	64.1	5,348	57.4	624	10.4	3,338	35.9
1982	9,400	5,982	63.6	5,158	54.9	825	13.8	3,417	36.4
1983	9,632	6,142	63.8	5,303	55.1	839	13.7	3,491	36.2
1984, June [2]	9,824	6,298	64.1	5,669	57.7	629	10.0	3,526	35.9

[1] Civilian employed as a percent of the noninstitutional population.
[2] Seasonally adjusted, except population figures. [3] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 655. Civilian Labor Force and Participation Rates, by Race, Sex, and Age, 1970 to 1983, and Projections, 1990 and 1995

[**Persons 16 years old and over.** Labor force data are annual averages of monthly figures. Rates are based on annual average civilian noninstitutional population of each specified group and represent proportion of each specified group in the civilian labor force. See also *Historical Statistics, Colonial Times to 1970*, series D 42-48]

Race, sex, and age	Civilian labor force (millions)							Participation rate (percent)						
	1970	1975	1980	1982	1983	1990	1995	1970	1975	1980	1982	1983	1990	1995
Total [1]	**82.8**	**93.8**	**106.9**	**110.2**	**111.6**	**125.0**	**131.4**	**60.4**	**61.2**	**63.8**	**64.0**	**64.0**	**66.9**	**67.8**
White	73.6	82.8	93.6	96.1	97.0	107.7	112.4	60.2	61.5	64.1	64.3	64.3	67.3	68.1
Male	*46.0*	*50.3*	*54.5*	*55.1*	*55.5*	*59.2*	*60.8*	*80.0*	*78.7*	*78.2*	*77.4*	*77.1*	*77.4*	*77.0*
Female	27.5	32.5	39.1	41.0	41.5	48.5	51.6	42.6	45.9	51.2	52.4	52.7	58.1	60.0
Black [2]	9.2	9.3	10.9	11.3	11.6	13.6	14.8	61.8	58.8	61.0	61.0	61.5	64.5	65.4
Male	*5.2*	*5.0*	*5.6*	*5.8*	*6.0*	*6.7*	*7.3*	*76.5*	*71.0*	*70.6*	*70.1*	*70.6*	*70.4*	*70.5*
Female	4.0	4.2	5.3	5.5	5.7	6.9	7.6	49.5	48.9	53.2	53.7	54.2	59.0	61.2
Male	51.2	56.3	61.5	62.5	63.0	67.7	70.0	79.7	77.9	77.4	76.6	76.4	76.5	76.1
16-19 years	4.0	4.8	5.0	4.5	4.3	4.1	4.0	56.1	59.1	60.5	56.7	56.2	62.3	62.9
16 and 17 years	1.8	2.1	2.1	1.8	1.6	1.7	1.8	47.0	48.6	50.1	45.4	43.2	51.0	52.7
18 and 19 years	2.2	2.7	2.9	2.7	2.7	2.5	2.3	66.7	70.6	71.3	67.9	68.6	73.2	74.4
20-24 years	*5.7*	*7.6*	*8.6*	*8.6*	*8.6*	*7.2*	*6.5*	*83.3*	*84.5*	*85.9*	*84.9*	*84.8*	*84.4*	*84.1*
25-34 years	11.3	14.2	17.0	17.8	18.0	19.6	18.1	96.4	95.2	95.2	94.7	94.2	93.7	93.1
35-44 years	10.5	10.4	11.8	12.8	13.4	17.5	19.4	96.9	95.6	95.5	95.3	95.2	95.6	95.3
45-54 years	*10.4*	*10.4*	*9.9*	*9.8*	*9.7*	*11.1*	*13.8*	*94.3*	*92.1*	*91.2*	*91.2*	*91.2*	*91.3*	*91.1*
55-64 years	7.1	7.0	7.2	7.2	7.1	6.4	6.3	83.0	75.6	72.1	70.2	69.4	65.5	64.5
65 years and over	2.2	1.9	1.9	1.8	1.8	1.8	1.7	26.8	21.6	19.0	17.8	17.4	14.9	13.3
Female	31.5	37.5	45.5	47.8	48.5	57.3	61.4	43.3	46.3	51.5	52.6	52.9	58.3	60.3
16-19 years	3.2	4.1	4.4	4.1	3.9	3.8	3.8	44.0	49.1	52.9	51.4	50.8	56.8	58.2
16 and 17 years	1.3	1.7	1.8	1.6	1.5	1.5	1.6	34.9	40.2	43.6	41.0	39.9	46.2	48.0
18 and 19 years	1.9	2.4	2.6	2.5	2.4	2.3	2.2	53.5	58.1	61.9	61.2	60.7	66.5	68.9
20-24 years	4.9	6.2	7.3	7.5	7.5	7.0	6.8	57.7	64.1	68.9	69.8	69.9	78.1	82.0
25-34 years	5.7	8.7	12.3	13.4	13.8	16.8	16.3	45.0	54.9	65.5	68.0	69.0	78.1	81.7
35-44 years	6.0	6.5	8.6	9.7	10.2	15.0	17.4	51.1	55.8	65.5	68.0	68.7	78.6	82.8
45-54 years	6.5	6.7	7.0	7.1	7.1	8.7	11.1	54.4	54.6	59.9	61.6	61.9	67.1	69.5
55-64 years	4.2	4.3	4.7	4.9	4.9	4.6	4.7	43.0	40.9	41.3	41.6	41.5	41.5	42.5
65 years and over	1.1	1.0	1.2	1.2	1.2	1.3	1.3	9.7	8.2	8.1	7.9	7.8	7.4	7.0

[1] Beginning 1975, includes other races not shown separately. [2] For 1970, Black and other.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly and *Monthly Labor Review*, November 1983.

No. 656. Civilian Labor Force—Percent Distribution, by Sex and Age: 1960 to 1983

[*Annual average of monthly figures. See Historical Statistics, Colonial Times to 1970, series D 29-41, for similar but not exactly comparable data*]

Year and sex	Civilian labor force (1,000)	Percent distribution						
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
Total: 1960	69,628	7.0	9.6	20.7	23.4	21.3	13.5	4.6
1965	74,455	7.9	11.1	19.1	22.6	21.2	13.9	4.2
1970	82,771	8.8	12.8	20.6	19.9	20.5	13.6	3.9
1975	93,775	9.5	14.7	24.4	18.0	18.2	12.1	3.2
1977	99,009	9.4	15.0	25.8	18.1	17.0	11.7	3.0
1978	102,251	9.4	15.0	26.1	18.4	16.5	11.5	3.0
1979	104,962	9.2	15.0	26.6	18.8	16.1	11.4	3.0
1980	106,940	8.8	14.9	27.3	19.1	15.8	11.2	2.9
1981	108,670	8.3	14.8	28.0	19.5	15.6	11.0	2.8
1982	110,204	7.7	14.6	28.3	20.4	15.3	10.9	2.7
1983	111,550	7.3	14.4	28.5	21.2	15.1	10.8	2.7
Male: 1960	46,388	6.0	8.9	22.1	23.6	20.6	13.8	4.9
1965	48,255	7.0	10.1	20.5	23.0	20.8	14.0	4.4
1970	51,228	7.8	11.2	22.1	20.4	20.3	13.9	4.2
1975	56,299	8.5	13.4	25.2	18.5	18.5	12.5	3.4
1977	58,396	8.6	13.9	26.3	18.4	17.4	12.2	3.2
1978	59,620	8.6	14.0	26.5	18.7	16.9	12.0	3.2
1979	60,726	8.4	14.1	27.0	19.0	16.5	11.9	3.2
1980	61,453	8.1	14.0	27.6	19.3	16.1	11.8	3.1
1981	61,974	7.7	14.0	28.2	19.6	15.9	11.6	3.0
1982	62,450	7.2	13.8	28.5	20.5	15.7	11.5	3.0
1983	63,047	6.8	13.6	28.6	21.3	15.5	11.3	2.9
Female: 1960	23,240	8.8	11.1	17.8	22.8	22.7	12.8	3.9
1965	26,200	9.6	12.8	16.5	21.8	21.8	13.7	3.7
1970	31,543	10.3	15.5	18.1	18.9	20.7	13.2	3.3
1975	37,475	10.8	16.5	23.1	17.4	17.8	11.5	2.8
1977	40,613	10.6	16.5	25.0	17.7	16.5	11.0	2.7
1978	42,631	10.6	16.5	25.5	18.0	16.0	10.8	2.7
1979	44,235	10.2	16.4	26.1	18.4	15.6	10.7	2.6
1980	45,487	9.6	16.1	26.9	19.0	15.4	10.4	2.6
1981	46,696	9.0	16.0	27.7	19.4	15.2	10.3	2.5
1982	47,755	8.5	15.7	28.0	20.2	14.9	10.2	2.5
1983	48,503	8.0	15.4	28.4	21.1	14.6	10.0	2.5

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 657. Characteristics of the Civilian Labor Force, by State: 1983

[**In thousands, except ratio and rate.** Persons 16 years old and over. Annual averages of monthly figures. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. For composition of regions, see fig. I inside front cover]

Region, division and state	Total		Employed		Employed/ population ratio [1]	Unemployed					Participation rate [3]	
						Total		Rate [2]				
	Number	Female	Total	Female		Number	Female	Total	Male	Female	Male	Female
U.S.	**111,550**	**48,503**	**100,834**	**44,047**	**57.9**	**10,717**	**4,457**	**9.6**	**9.9**	**9.2**	**76.4**	**52.9**
Region:												
Northeast	23,607	10,231	21,545	9,402	56.5	2,062	828	8.7	9.2	8.1	75.1	50.3
Midwest	28,596	12,422	25,504	11,184	58.1	3,091	1,238	10.8	11.5	10.0	77.1	54.2
South	37,181	16,263	33,728	14,725	57.5	3,453	1,538	9.3	9.2	9.5	75.7	52.4
West	22,376	9,579	20,245	8,817	59.8	2,131	861	9.5	10.0	8.9	78.0	55.1
N. Eng	**6,379**	**2,620**	**5,943**	**2,631**	**61.7**	**436**	**190**	**6.8**	**6.9**	**6.7**	**77.8**	**55.9**
ME	537	237	488	216	57.3	48	21	9.0	9.2	8.8	73.4	53.3
NH	503	223	476	209	65.6	27	14	5.4	4.8	6.2	80.2	59.3
VT	268	118	249	110	62.9	18	8	6.9	6.9	6.8	78.1	57.7
MA	2,987	1,321	2,781	1,233	62.0	205	88	6.9	7.1	6.7	78.4	55.9
RI	477	214	438	194	59.2	40	20	8.3	7.4	9.4	76.1	54.4
CT	1,608	708	1,511	669	62.3	97	39	6.0	6.4	5.5	77.8	55.8
Mid. Atl	**17,228**	**7,410**	**15,601**	**6,772**	**54.7**	**1,626**	**638**	**9.4**	**10.1**	**8.6**	**74.2**	**48.5**
NY	8,062	3,524	7,373	3,240	54.3	689	284	8.6	8.9	8.1	73.2	47.9
NJ	3,656	1,586	3,369	1,454	58.6	287	133	7.8	7.4	8.4	77.5	51.5
PA	5,510	2,300	4,859	2,078	52.9	651	222	11.8	13.4	9.6	73.7	47.6
E. No. Cent	**20,027**	**8,668**	**17,614**	**7,710**	**56.8**	**2,413**	**958**	**12.0**	**12.8**	**11.1**	**76.7**	**53.5**
OH	5,110	2,212	4,488	1,973	55.7	622	238	12.2	13.2	10.8	76.4	52.0
IN	2,584	1,143	2,298	1,022	56.5	286	120	11.1	11.5	10.5	75.0	53.2
IL	5,593	2,394	4,953	2,126	57.8	640	268	11.4	11.6	11.2	77.4	53.8
MI	4,303	1,856	3,693	1,613	54.7	610	243	14.2	15.0	13.1	75.7	52.8
WI	2,435	1,063	2,181	975	61.4	254	88	10.4	12.1	8.3	79.5	58.1
W. No. Cent	**8,569**	**3,754**	**7,890**	**3,474**	**61.1**	**679**	**280**	**7.9**	**8.3**	**7.5**	**78.0**	**55.7**
MN	2,174	973	1,997	906	64.8	178	67	8.2	9.2	6.9	78.9	61.6
IA	1,422	609	1,307	563	60.4	116	46	8.1	8.6	7.6	78.6	54.1
MO	2,350	1,033	2,118	927	56.7	233	106	9.9	9.6	10.2	75.2	52.1
ND	317	129	299	123	61.8	18	6	5.6	6.2	4.6	78.3	52.9
SD	331	140	314	132	62.7	18	8	5.4	5.0	5.9	78.4	54.8
NE	788	348	743	329	63.6	45	19	5.7	5.9	5.5	79.2	56.8
KS	1,185	521	1,113	493	62.4	72	28	6.1	6.6	5.4	79.1	55.2
So. Atl	**18,350**	**8,230**	**16,799**	**7,506**	**57.7**	**1,551**	**724**	**8.5**	**8.2**	**8.8**	**74.4**	**53.0**
DE	298	134	274	124	59.8	24	10	8.1	8.5	7.5	76.1	55.2
MD	2,211	984	2,058	915	63.1	153	69	6.9	6.8	7.0	78.9	57.7
DC	325	163	287	149	58.5	38	15	11.7	14.3	9.1	73.5	60.3
VA	2,722	1,225	2,557	1,144	62.6	165	80	6.1	5.7	6.6	78.2	56.5
WV	772	301	633	262	43.0	139	39	18.0	21.1	13.0	68.5	38.4
NC	2,946	1,323	2,684	1,190	59.6	262	133	8.9	7.9	10.1	76.6	55.4
SC	1,476	689	1,328	608	58.5	148	80	10.0	8.6	11.7	74.3	53.4
GA	2,696	1,206	2,495	1,106	59.9	202	99	7.5	6.9	8.2	76.8	54.2
FL	4,903	2,204	4,482	2,006	53.7	421	198	8.6	8.3	9.0	69.3	49.5
E. So. Cent	**6,719**	**2,925**	**5,894**	**2,564**	**53.6**	**825**	**361**	**12.3**	**12.2**	**12.3**	**74.4**	**49.6**
KY	1,702	733	1,503	651	55.2	198	82	11.7	12.1	11.1	75.7	50.8
TN	2,189	965	1,937	852	55.1	251	113	11.5	11.3	11.7	74.7	51.3
AL	1,761	767	1,521	663	52.2	241	104	13.7	13.7	13.6	74.2	48.7
MS	1,068	460	933	398	50.9	135	62	12.6	12.0	13.5	72.4	46.3
W. So. Cent	**12,113**	**5,108**	**11,036**	**4,655**	**59.5**	**1,077**	**453**	**8.9**	**8.9**	**8.9**	**78.5**	**53.1**
AR	1,026	446	922	397	53.8	104	49	10.1	9.4	11.0	72.9	48.6
LA	1,910	783	1,685	694	53.4	225	89	11.8	12.1	11.3	74.4	47.6
OK	1,544	667	1,405	611	58.4	140	56	9.0	9.5	8.4	76.4	53.2
TX	7,629	3,210	7,020	2,951	62.3	609	259	8.0	7.9	8.1	80.9	55.3
Mt	**5,943**	**2,548**	**5,433**	**2,339**	**61.5**	**510**	**209**	**8.6**	**8.9**	**8.2**	**79.0**	**56.1**
MT	394	163	359	149	60.4	35	14	8.8	9.1	8.5	79.0	53.9
ID	456	195	412	178	59.9	45	17	9.8	10.5	8.8	78.5	55.0
WY	262	112	240	103	66.4	22	8	8.4	9.1	7.4	84.5	60.7
CO	1,667	728	1,557	682	67.3	110	46	6.6	6.9	6.3	82.6	62.0
NM	607	253	546	227	55.1	62	26	10.1	10.0	10.3	74.5	49.2
AZ	1,376	599	1,251	545	57.6	125	54	9.1	9.2	9.0	74.4	53.1
UT	691	285	627	259	60.1	64	25	9.2	9.4	8.9	81.3	52.3
NV	487	212	439	194	65.3	48	18	9.8	10.6	8.7	82.3	62.8
Pac	**16,433**	**7,131**	**14,812**	**6,478**	**59.2**	**1,621**	**652**	**9.9**	**10.4**	**9.1**	**77.6**	**54.8**
WA	2,063	881	1,832	789	57.7	230	92	11.2	11.7	10.5	76.2	54.2
OR	1,337	577	1,192	519	59.6	145	58	10.8	11.4	10.1	77.5	56.5
CA	12,333	5,357	11,141	4,876	59.3	1,192	480	9.7	10.2	9.0	77.9	54.4
AK	229	99	206	90	65.5	24	9	10.3	11.4	8.9	82.8	63.2
HI	473	218	442	206	62.5	30	13	6.5	7.0	5.8	75.1	59.1

[1] Civilian employment as a percent of civilian noninstitutional population. [2] Percent unemployed of the civilian labor force. [3] Percent of civilian noninstitutional population of each specified group in the civilian labor force.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1983.*

NO. 658. CIVILIAN LABOR FORCE—EMPLOYMENT STATUS, BY SEX, RACE, AND AGE: 1983

[Persons 16 years old and over; civilian noninstitutional population. Annual averages of monthly figures]

AGE AND RACE	CIVILIAN LABOR FORCE			MALE (1,000)			FEMALE (1,000)			PERCENT OF LABOR FORCE			
		Percent by age								Employed		Unemployed	
	Total (1,000)	Male	Female	Total	Employed	Unemployed	Total	Employed	Unemployed	Male	Female	Male	Female
All workers [1]	**111,550**	**100.0**	**100.0**	**63,047**	**56,787**	**6,260**	**48,503**	**44,047**	**4,457**	**90.1**	**90.8**	**9.9**	**9.2**
16–19 yr	8,171	6.8	8.0	4,303	3,300	1,003	3,868	3,043	825	76.7	78.7	23.3	21.3
20–24 yr	16,052	13.6	15.4	8,601	7,232	1,369	7,451	6,490	961	84.1	87.1	15.9	12.9
25–34 yr	31,834	28.6	28.4	18,038	16,216	1,822	13,796	12,540	1,255	89.9	90.9	10.1	9.1
35–44 yr	23,611	21.3	21.1	13,398	12,450	947	10,213	9,510	703	92.9	93.1	7.1	6.9
45–54 yr	16,851	15.5	14.6	9,746	9,133	613	7,105	6,678	427	93.7	94.0	6.3	6.0
55–64 yr	11,992	11.3	10.0	7,119	6,686	433	4,873	4,629	244	93.9	95.0	6.1	5.0
65 yr. and over	3,040	2.9	2.5	1,842	1,770	73	1,198	1,157	41	96.1	96.6	3.9	3.4
White	**97,021**	**100.0**	**100.0**	**55,480**	**50,621**	**4,859**	**41,541**	**38,272**	**3,270**	**91.2**	**92.1**	**8.8**	**7.9**
16–19 yr	7,186	6.8	8.2	3,764	3,009	761	3,422	2,796	626	79.8	81.7	20.2	18.3
20–24 yr	13,816	13.3	15.4	7,406	6,386	1,019	6,410	5,751	659	86.2	89.7	13.8	10.3
25–34 yr	27,237	28.3	27.8	15,707	14,297	1,410	11,530	10,659	872	91.0	92.4	9.0	7.6
35–44 yr	20,488	21.3	20.9	11,817	11,062	755	8,670	8,132	539	93.6	93.8	6.4	6.2
45–54 yr	14,798	15.6	14.8	8,649	8,152	497	6,149	5,809	340	94.3	94.5	5.7	5.5
55–64 yr	10,732	11.6	10.3	6,446	6,084	362	4,285	4,084	201	94.4	95.3	5.6	4.7
65 yr. and over	2,766	3.0	2.6	1,691	1,637	54	1,074	1,041	33	96.8	96.9	3.2	3.1
Black	**11,647**	**100.0**	**100.0**	**5,966**	**4,753**	**1,213**	**5,681**	**4,622**	**1,059**	**79.7**	**81.4**	**20.3**	**18.6**
16–19 yr	809	7.3	6.6	433	222	211	375	194	181	51.3	51.7	48.7	48.3
20–24 yr	1,871	16.7	15.4	997	684	313	874	596	278	68.6	68.2	31.4	31.8
25–34 yr	3,675	30.8	32.3	1,840	1,483	358	1,835	1,493	342	80.6	81.4	19.5	18.6
35–44 yr	2,406	20.0	21.3	1,196	1,034	162	1,210	1,073	137	86.5	88.7	13.5	11.4
45–54 yr	1,630	14.2	13.8	845	749	96	785	707	77	88.6	90.1	11.4	9.8
55–64 yr	1,032	9.0	8.7	536	477	59	496	460	36	89.0	92.7	11.0	7.3
65 yr. and over	224	2.0	1.8	119	105	14	105	99	7	88.2	94.3	11.8	6.3

[1] Includes other races not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 659. EMPLOYED PERSONS, BY SELECTED CHARACTERISTICS: 1970 TO 1983

[In thousands of persons 16 years old and over; civilian noninstitutional population. Annual averages of monthly figures]

AGE, SEX, AND MARITAL STATUS	1970	1975	1978	1979	1980	1981	1982	1983
Total employed	**78,678**	**85,846**	**96,048**	**98,824**	**99,303**	**100,397**	**99,526**	**100,834**
16–19 years	6,144	7,104	8,070	8,083	7,710	7,225	6,549	6,342
20–24 years	9,731	11,885	13,887	14,327	14,087	14,122	13,690	13,722
25–34 years	16,318	21,087	25,281	26,492	27,204	28,180	28,149	28,756
35–44 years	15,922	15,953	18,128	18,981	19,523	20,145	20,879	21,960
45–54 years	16,479	16,190	16,338	16,357	16,234	16,255	15,923	15,812
55–64 years	10,974	10,827	11,400	11,585	11,586	11,525	11,414	11,315
65 years and over	3,118	2,801	2,946	2,999	2,960	2,945	2,923	2,927
Male	**48,990**	**51,857**	**56,479**	**57,607**	**57,186**	**57,397**	**56,271**	**56,787**
16–19 years	3,409	3,839	4,336	4,300	4,085	3,815	3,379	3,300
20–24 years	5,237	6,484	7,559	7,791	7,532	7,504	7,197	7,232
25–34 years	10,936	13,205	15,124	15,688	15,832	16,266	16,002	16,216
35–44 years	10,216	9,891	10,845	11,202	11,355	11,613	11,902	12,450
45–54 years	10,170	9,902	9,806	9,735	9,548	9,478	9,234	9,133
55–64 years	6,928	6,722	6,954	7,015	6,999	6,909	6,781	6,686
65 years and over	2,094	1,811	1,855	1,876	1,835	1,812	1,776	1,770
Female	**29,688**	**33,989**	**39,569**	**41,217**	**42,117**	**43,000**	**43,256**	**44,047**
16–19 years	2,735	3,263	3,734	3,783	3,625	3,411	3,170	3,043
20–24 years	4,494	5,401	6,328	6,536	6,555	6,618	6,492	6,490
25–34 years	5,382	7,882	10,157	10,802	11,370	11,914	12,147	12,540
35–44 years	5,706	6,061	7,282	7,779	8,168	8,532	8,977	9,510
45–54 years	6,303	6,288	6,532	6,622	6,686	6,777	6,689	6,678
55–64 years	4,046	4,105	4,446	4,569	4,587	4,616	4,634	4,629
65 years and over	1,023	989	1,091	1,124	1,125	1,133	1,147	1,157
Male: Married, spouse present	37,982	38,249	39,267	39,740	39,004	38,882	38,074	37,967
Single (never-married)	8,426	10,313	12,915	13,424	13,515	13,577	13,304	13,783
Widowed, divorced, separated	2,582	3,294	4,298	4,443	4,668	4,938	4,892	5,036
Female: Married, spouse present	17,572	19,788	22,239	23,126	23,532	23,915	24,053	24,603
Single (never-married)	6,613	7,943	9,861	10,386	10,567	10,685	10,765	10,996
Widowed, divorced, separated	5,505	6,258	7,469	7,706	8,018	8,400	8,438	8,447

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

NO. 660. FULL- AND PART-TIME STATUS OF THE CIVILIAN LABOR FORCE: 1965 TO 1983

[In thousands, except percent. Persons 16 years old and over, except as indicated. Annual averages of monthly figures. The part-time (working less than 35 hours per week) labor force consists of persons working part-time voluntarily and unemployed persons seeking part-time work]

ITEM	FULL-TIME					PART-TIME				
	1965	1970	1975	1980	1983	1965	1970	1975	1980	1983
Civilian labor force	**65,929**	**71,069**	**80,117**	**91,295**	**95,736**	**8,527**	**11,703**	**13,659**	**15,644**	**15,814**
Percent of total	88.5	85.9	85.4	85.4	85.8	11.4	14.1	14.6	14.6	14.2
Employed	63,138	67,863	73,595	85,027	86,661	7,952	10,814	12,251	14,275	14,172
Unemployed	2,791	3,206	6,523	6,269	9,075	575	889	1,408	1,369	1,642
Percent [1]	4.2	4.5	8.1	6.9	9.5	6.7	7.6	10.3	8.8	10.4
Males, 20 yr. and over	43,243	44,962	48,895	53,571	55,636	1,616	2,259	2,601	2,883	3,108
Employed	41,892	43,460	45,640	50,405	50,653	1,530	2,122	2,378	2,697	2,834
Unemployed	1,351	1,502	3,255	3,167	4,982	86	137	223	186	274
Percent [1]	3.1	3.3	6.7	5.9	9.0	5.3	6.1	8.6	6.5	8.8
Females, 20 yr. and over	19,138	22,226	26,359	32,722	35,854	4,550	6,074	7,052	8,383	8,782
Employed	18,260	21,149	24,148	30,588	32,812	4,371	5,803	6,578	7,904	8,192
Unemployed	878	1,077	2,210	2,135	3,042	179	271	474	480	589
Percent [1]	4.6	4.8	8.4	6.5	8.5	3.9	4.5	6.7	5.7	6.7
Persons, 16–19 yr	3,549	3,881	4,864	5,001	4,247	2,361	3,370	4,005	4,377	3,924
Employed	2,986	3,254	3,807	4,035	3,196	2,050	2,889	3,295	3,676	3,146
Unemployed	563	626	1,057	966	1,051	311	480	709	701	778
Percent [1]	15.9	16.1	21.7	19.3	24.7	13.2	14.3	17.7	16.0	19.8

[1] Unemployed as percent of civilian labor force in specified group.

NO. 661. PERSONS WITH A JOB BUT NOT AT WORK: 1965 TO 1983

[In thousands, except percent. Persons 16 years old and over, except 1965, 14 years old and over. Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series D 116–126, for related but not comparable data]

REASON FOR NOT WORKING	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
All industries, number	**3,525**	**4,645**	**5,221**	**5,520**	**5,573**	**5,747**	**5,882**	**5,790**	**5,712**	**5,563**
Percent of employed	**4.9**	**5.9**	**6.1**	**6.0**	**5.8**	**5.8**	**5.9**	**5.8**	**5.7**	**5.5**
Nonagricultural industries	3,368	4,511	5,056	5,371	5,415	5,601	5,729	5,653	5,573	5,413
Reason for not working:										
Vacation	1,738	2,341	2,815	2,950	2,985	3,191	3,320	3,247	3,153	3,096
Illness	1,039	1,324	1,343	1,426	1,436	1,420	1,425	1,413	1,331	1,291
Bad weather	79	128	139	237	238	198	155	1,2	202	124
Industrial dispute	48	156	95	119	100	123	105	64	36	91
All other	621	696	829	786	815	816	876	953	988	962

NO. 662. EMPLOYED CIVILIANS, BY HOURS WORKED: 1965 TO 1983

[In thousands of persons 16 years old and over, except 1965, 14 and over. Annual averages of monthly figures]

HOURS WORKED	1965	1970	1975	1978	1979	1980	1981	1982	1983
Employed, nonagricultural industries [1]	**67,594**	**75,215**	**82,438**	**92,661**	**95,477**	**95,938**	**97,030**	**96,125**	**97,450**
Worked 1–14 hours	4,027	3,964	4,391	4,635	4,622	4,675	4,781	5,146	5,089
Worked 15–34 hours	8,590	14,270	14,390	16,232	17,845	17,774	20,768	19,272	18,789
Worked 35 or more hours	51,611	52,498	58,599	66,379	67,407	67,760	65,828	66,133	68,159
Percent of total	76.4	69.8	71.1	71.6	70.6	70.6	67.8	68.8	69.9
Employed, agricultural industries [1]	**4,585**	**3,463**	**3,408**	**3,387**	**3,347**	**3,364**	**3,368**	**3,401**	**3,383**
Worked 35 or more hours	3,027	2,256	2,244	2,256	2,304	2,247	2,270	2,242	2,215
Percent of total	66.0	65.1	65.8	66.6	68.8	66.8	67.4	65.9	65.5

[1] Includes persons who had a job or business, but did not work at all during survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons, not shown separately; see table 661.

NO. 663. CLASS OF WORKER OF EMPLOYED CIVILIANS, BY SEX: 1965 TO 1983

[See headnote, table 662]

CLASS OF WORKER	MALE					FEMALE				
	1965	1970	1975	1980	1983	1965	1970	1975	1980	1983
Nonagriculture, employed	**43,304**	**46,128**	**49,032**	**54,477**	**54,083**	**24,289**	**29,087**	**33,404**	**41,461**	**43,367**
Wage and salary workers	38,434	42,142	44,754	49,517	48,896	22,331	27,349	31,496	39,007	40,603
Self-employed workers	4,794	3,932	4,225	4,903	5,136	1,419	1,289	1,480	2,096	2,439
Unpaid family workers	77	53	55	56	51	540	449	428	357	325
Agriculture, employed	**3,729**	**2,862**	**2,824**	**2,709**	**2,704**	**856**	**601**	**584**	**656**	**680**
Wage and salary workers	1,243	980	1,079	1,149	1,265	249	174	222	275	314
Self-employed workers	2,170	1,722	1,598	1,458	1,355	137	88	124	184	210
Unpaid family workers	316	160	148	102	84	470	339	239	197	156

Source of tables 660–663: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 664. Persons Not in the Labor Force—Job Desire and Reasons for Not Seeking Work 1970 to 1983, and by Race and Sex, 1983

[In thousands, except percent. Persons 16 years old and over. Annual averages of quarterly data]

Job desire and reason	1970	1975	1980	1981	1982	1983				
						Total	Percent distribution			
							Male	Female	White	Black
Not in labor force [1]	**54,315**	**59,377**	**60,806**	**61,460**	**62,067**	**62,665**	(x)	(x)	(x)	(x)
Do not want job now	50,429	54,102	55,131	55,623	55,507	56,161	100.0	100.0	100.0	100.0
Percent keeping house	63.8	58.5	53.1	51.7	51.2	50.5	1.8	72.1	52.0	39.2
Want a job now, but not looking, total [2]	3,881	5,271	5,675	5,835	6,559	6,503	100.0	100.0	100.0	100.0
Percent: In school	27.7	27.7	26.6	26.7	26.4	24.7	38.7	17.5	24.5	25.0
Ill or disabled	12.6	12.9	13.3	13.2	11.7	11.8	15.3	9.9	11.9	11.9
Keeping house	23.4	21.3	22.3	21.9	21.2	21.7	–	32.9	21.9	21.1
Think cannot get a job	16.5	20.7	17.5	18.9	23.9	25.2	29.4	23.0	23.7	29.9

– Represents zero or rounds to zero. X Not applicable. [1] Detail may not add to total because of difference in weighting patterns. [2] Includes reasons not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 665. Labor Force Status, by Work Disability, Sex and Age: 1981

[In thousands, except percent. As of March. For civilian noninstitutional population, 16-64 years old]

Sex and age	With a work disability					Without a work disability				
	Total	Percent of population—			Unemployment rate [1]	Total	Percent of population—			Unemployment rate [1]
		In labor force	Employed		Not in labor force		In labor force	Employed		Not in labor force	
			Total	Full time				Total	Full time		
Total	**13,070**	**32.8**	**27.1**	**19.8**	**67.2**	**17.3**	**133,365**	**76.1**	**68.8**	**55.2**	**23.9**	**9.6**
Male, total	6,670	41.5	34.5	27.4	58.5	16.9	64,250	88.8	79.7	70.4	11.2	10.2
16-24 years old	611	41.8	28.9	16.2	58.2	30.9	17,470	71.1	56.9	37.4	28.9	19.9
25-34 years old	1,025	59.7	45.8	37.6	40.3	23.3	17,665	96.4	86.6	80.1	3.6	10.1
35-44 years old	986	56.3	44.8	36.7	43.7	20.4	12,223	98.3	92.1	87.8	1.7	6.4
45-54 years old	1,376	44.2	38.5	32.5	55.8	12.9	9,367	97.4	92.2	87.4	2.6	5.3
55-64 years old	2,674	27.8	25.7	20.1	72.2	7.3	7,524	85.8	80.9	74.6	14.2	5.7
Female, total	6,400	23.7	19.4	11.9	76.3	18.3	69,115	64.3	58.6	41.0	35.7	8.8
16-24 years old	587	41.1	30.6	17.1	58.9	25.5	18,087	59.8	50.9	28.7	40.2	14.8
25-34 years old	912	40.5	31.0	20.9	59.5	23.5	18,701	69.4	63.6	48.1	30.6	8.4
35-44 years old	950	30.7	25.1	17.4	69.3	18.2	13,046	70.5	66.0	47.6	29.5	6.4
45-54 years old	1,355	21.6	19.3	11.9	78.4	11.0	10,206	67.0	63.0	46.9	33.0	5.9
55-64 years old	2,597	12.4	10.7	5.6	87.6	13.5	9,075	50.5	48.3	34.9	49.5	4.5

[1] Percent unemployed of the civilian labor force.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 127.

No. 666. Persons of Spanish Origin—Civilian Labor Force Participation: 1980 and 1983

[Persons 16 years old and over as of March. Based on Current Population Survey; see text, p. 388, and Appendix III]

Item	1980 [1]					1983 [3]				
	Total	Mexican	Puerto Rican	Cuban	Other Spanish origin [2]	Total	Mexican	Puerto Rican	Cuban	Other Spanish origin [2]
Total (1,000)	**8,305**	**4,886**	**1,088**	**619**	**1,712**	**9,426**	**5,651**	**1,267**	**745**	**1,763**
Percent in labor force: Male	80.3	83.2	72.5	80.7	75.7	79.2	81.3	67.0	81.3	79.1
Female	47.9	49.5	34.8	56.5	49.6	47.7	48.4	35.0	53.5	52.3
Employed (1,000)	4,838	2,958	494	401	984	4,933	3,014	510	427	983
Percent—	(x)	(x)	(x)	(x)	(x)	100.0	100.0	100.0	100.0	100.0
Managerial and professional	(x)	(x)	(x)	(x)	(x)	12.2	10.2	11.3	16.3	16.8
Tech., sales, and admin. suppport	(x)	(x)	(x)	(x)	(x)	25.5	23.2	27.5	31.6	28.8
Service	(x)	(x)	(x)	(x)	(x)	18.2	16.9	22.3	15.5	21.4
Farming, forestry, and fishing occupations	(x)	(x)	(x)	(x)	(x)	4.7	6.9	.6	1.3	1.6
Precision, production, craft and repair	(x)	(x)	(x)	(x)	(x)	13.3.	14.8	13.8	10.9	9.5
Operators, fabricators and laborers	(x)	(x)	(x)	(x)	(x)	26.1	27.9	24.5	24.5	21.8
Percent unemployed: Male	8.0	8.2	11.0	3.5	7.2	16.3	17.1	19.0	13.9	12.6
Female	10.4	11.6	12.8	7.1	7.3	16.3	17.8	16.5	12.3	13.9

X Not applicable. [1] Estimates based on 1970 census population controls. [2] Includes Central or South American and other Spanish origin. [3] Estimates based on 1980 census population controls.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 361; and unpublished data.

No. 667. Civilian Labor Force—Years of School Completed, by Sex, Race, and Hispanic Origin: 1983

[**Persons 16 years old and over;** noninstitutional population. As of **March.** See headnote, table 668]

Employment status, sex, race, and Hispanic origin	Population, 16 yr. old and over (1,000)	Percent distribution of school years completed							
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years	5 years or more
Total	**173,656**	**2.5**	**4.4**	**6.0**	**17.1**	**37.4**	**16.6**	**9.4**	**6.6**
Civilian labor force	109,814	1.1	2.4	3.3	13.5	40.5	18.7	11.7	8.8
Employed	97,804	1.0	2.3	3.1	12.1	40.1	19.3	12.5	9.6
Unemployed	12,011	1.7	3.8	4.6	25.5	43.4	13.9	4.9	2.1
Not in labor force	63,841	4.9	7.9	10.6	23.2	32.1	13.1	5.4	2.9
Male, total	82,260	2.7	4.4	5.9	17.1	34.1	16.7	10.5	8.6
Civilian labor force	62,035	1.4	2.9	3.8	14.1	37.5	17.8	12.3	10.2
Employed	54,638	1.3	2.7	3.7	12.6	36.8	18.3	13.3	11.3
Unemployed	7,397	2.1	4.3	4.9	25.2	42.6	13.9	4.9	1.9
Not in labor force	20,225	6.6	9.0	12.2	26.2	23.9	13.5	4.8	3.8
Female, total	91,395	2.3	4.5	6.0	17.2	40.3	16.5	8.4	4.8
Civilian labor force	47,779	.7	1.8	2.6	12.9	44.4	19.9	10.9	6.9
Employed	43,165	.7	1.7	2.4	11.4	44.4	20.5	11.5	7.4
Unemployed	4,614	1.0	3.0	4.1	26.0	44.6	13.9	4.9	2.4
Not in labor force	43,616	4.0	7.4	9.8	21.9	35.9	12.9	5.7	2.4
White, total	150,427	2.0	4.1	6.0	16.2	38.1	16.9	9.8	6.9
Civilian labor force	95,657	1.0	2.2	3.3	12.9	40.7	18.8	12.0	9.1
Employed	86,382	.9	2.0	3.0	11.6	40.4	19.4	12.8	9.9
Unemployed	9,274	1.5	3.9	5.2	25.4	43.2	13.5	5.2	2.2
Not in labor force	54,770	3.9	7.4	10.9	21.8	33.6	13.6	5.8	3.1
Black, total	18,823	5.4	7.4	5.8	25.4	34.2	14.1	4.8	2.9
Civilian labor force	11,352	2.0	4.5	3.8	19.4	41.6	17.7	6.8	4.2
Employed	8,969	2.0	4.8	4.0	17.3	40.7	18.5	7.7	5.0
Unemployed	2,384	2.1	3.4	3.0	27.3	45.3	14.6	3.3	1.2
Not in labor force	7,470	10.6	11.9	8.8	34.5	22.8	8.6	1.8	1.0
Hispanic origin,[1] total	9,384	11.6	14.2	7.8	20.9	27.9	11.4	3.8	2.6
Civilian labor force	5,893	8.4	12.5	6.6	17.8	32.6	14.0	5.0	3.2
Employed	4,933	8.0	12.1	6.4	16.2	33.4	14.8	5.6	3.5
Unemployed	960	10.6	14.4	7.4	26.0	28.8	9.4	2.0	1.5
Not in labor force	3,491	17.0	17.0	9.8	26.2	19.9	7.1	1.7	1.2

[1] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, Bulletin 2191.

No. 668. School Enrollment and Labor Force Status of Civilians 16 to 24 Years Old, by Selected Characteristics: 1980 and 1983

[**In thousands, except percent.** As of **October;** civilian noninstitutional population. Based on Current Population Survey; see text, p. 2. Persons of Hispanic origin may be of any race]

Characteristic	Population		Civilian labor force			Employed		Unemployed		
	1980	1983	1980, total	1983		1980	1983	1980, total	1983	
				Total	Percent [1]				Total	Rate [2]
Total, 16 to 24 years	**37,103**	**35,884**	**24,918**	**23,557**	**65.6**	**21,459**	**19,853**	**3,464**	**3,704**	**15.7**
Enrolled in school	15,713	15,357	7,454	6,883	44.8	6,438	5,830	1,021	1,053	15.5
16 to 19 years	11,126	10,637	4,836	4,233	39.8	4,029	3,435	807	798	18.9
20 to 24 years	4,587	4,720	2,618	2,650	56.1	2,405	2,395	214	255	9.6
Male	7,997	7,942	3,825	3,563	44.9	3,259	2,995	566	568	15.9
Female	7,716	7,415	3,629	3,320	44.8	3,179	2,835	455	485	14.6
College level	7,664	7,728	3,996	4,080	52.8	3,632	3,647	364	433	10.6
Full-time	6,396	6,453	2,854	2,955	45.8	2,554	2,605	300	350	11.8
White	13,242	12,783	6,680	6,181	48.4	5,892	5,346	798	835	13.5
Below college	6,566	6,111	3,096	2,540	41.6	2,579	2,047	517	493	19.4
College level	6,676	6,670	3,592	3,641	54.6	3,310	3,298	282	343	9.4
Black	2,028	2,037	595	522	25.6	406	336	189	186	35.6
Below college	1,282	1,264	294	204	16.1	174	89	120	115	56.4
College	747	773	300	318	41.1	230	247	70	71	22.3
Hispanic	920	1,004	382	357	35.6	312	297	66	60	16.8
Below college	579	636	186	165	25.9	143	134	43	31	18.8
College	341	366	196	191	52.2	173	161	23	30	15.7
Not enrolled	21,390	20,527	17,464	16,674	81.2	15,021	14,023	2,443	2,651	15.9
White	18,103	17,123	15,121	14,289	83.4	13,318	12,464	1,803	1,825	12.8
Black	2,864	2,911	2,055	2,019	69.4	1,451	1,265	604	754	37.3
Hispanic	1,704	1,583	1,256	1,154	72.9	1,084	950	172	204	17.7

[1] Percent of civilian noninstitutional population. [2] Percent of civilian labor force in each category.

Source: U.S. Bureau of Labor Statistics, Bulletin 2192 and unpublished data.

No. 669. Labor Force Participation Rates, by Marital Status, Sex, and Age: 1960 to 1984

[As of **March.** See table 657 for definition of participation rate. Includes male members of the Armed Forces living offpost or with their families onpost]

Year and marital status	Male participation rate						Female participation rate					
	16–19 years	20–24 years	25–34 years	35–44 years	45–64 years	65 and over	16–19 years	20–24 years	25–34 years	35–44 years	45–64 years	65 and over
1960: Married [1]	[2] 96.0	97.5	98.6	98.4	93.0	37.1	[2] 25.3	30.0	27.7	36.2	34.2	5.9
Single	[2] 34.4	76.6	85.3	85.3	74.4	24.3	[2] 25.3	73.4	79.9	79.7	75.1	21.6
Other [3]	(B)	88.6	82.3	84.1	78.1	18.2	[2] 37.3	54.6	55.5	67.4	58.3	11.0
1965: Married [1]	[2] 94.3	96.6	98.5	98.2	92.8	31.1	[2] 27.0	35.6	32.1	40.6	39.0	7.6
Single	[2] 32.0	72.3	85.3	84.6	72.0	18.1	[2] 23.6	72.3	83.4	77.0	71.8	21.3
Other [3]	(B)	65.0	79.0	82.1	77.2	18.6	[2] 35.2	58.6	62.8	65.0	59.8	10.0
1970: *Married* [1]	95.5	95.0	98.2	98.1	91.6	30.2	36.0	47.4	39.3	47.2	44.1	7.9
Single	49.0	69.0	86.2	82.3	66.6	21.0	39.5	71.1	80.7	73.3	67.8	17.6
Other [3]	(B)	73.2	74.5	80.6	75.9	16.5	46.5	59.7	65.1	67.9	60.7	9.9
1975: Married [1]	92.3	95.1	97.3	97.0	87.0	23.7	46.0	57.3	48.3	51.9	43.9	7.2
Single	53.2	76.5	87.4	86.5	68.7	20.5	45.5	69.5	80.4	77.8	68.4	16.2
Other [3]	(B)	84.7	92.4	89.3	69.4	18.0	41.9	68.1	67.5	69.4	60.4	8.1
1980: Married [1]	97.3	96.8	97.5	97.0	84.8	20.4	47.7	60.5	59.3	62.5	46.9	7.2
Single	56.8	79.6	87.3	79.9	65.2	20.0	49.0	72.2	84.2	78.5	62.8	12.0
Other [3]	(B)	92.9	93.8	91.1	69.9	13.0	51.0	68.5	77.1	76.4	59.5	8.6
1981: Married [1]	94.5	96.8	97.5	97.2	84.3	19.9	45.9	61.6	61.6	62.5	47.8	7.3
Single	54.9	80.1	88.4	82.7	60.9	13.6	48.8	73.1	82.6	79.1	66.0	13.6
Other [3]	(B)	90.5	93.4	90.2	71.4	14.2	50.4	69.2	76.2	78.4	61.1	8.9
1982: Married [1]	95.0	96.8	97.5	96.9	83.1	18.9	49.6	62.1	61.8	64.1	36.6	7.1
Single	51.7	79.4	88.9	85.8	62.3	17.8	46.4	73.5	83.1	81.0	64.9	12.3
Other [3]	68.7	92.9	91.7	92.4	73.5	13.9	45.6	67.1	77.1	77.2	61.9	7.8
1983: Married [1]	92.7	95.7	97.3	97.2	82.1	19.1	46.6	63.0	62.5	65.4	47.6	7.5
Single	49.9	77.6	88.4	81.8	69.6	23.9	46.0	72.6	83.6	81.1	65.1	12.6
Other [3]	(B)	89.7	91.9	90.7	73.9	13.1	45.3	68.4	77.1	77.7	59.5	7.5
1984: Married [1]	97.3	96.1	97.2	97.2	81.8	17.3	43.7	63.5	64.0	66.4	48.9	7.3
Single	51.1	78.5	87.5	83.0	66.5	16.7	46.6	72.2	83.6	83.1	66.9	11.5
Other [3]	(B)	91.6	90.6	93.0	72.5	12.6	53.5	71.6	76.6	79.7	61.0	7.6

B *Percentages not shown where base is less than 65,000.* [1] *Spouse present.* [2] 14 to 19 years old. [3] Widowed, divorced, and married (spouse absent).

Source: U.S. Bureau of Labor Statistics, Bulletin 2096, and unpublished data.

No. 670. Marital Status of Women in the Civilian Labor Force: 1940 to 1984

[**Persons 14 years old and over through 1965; 16 years old and over thereafter.** As of **March,** except as indicated. *Prior to 1960, excludes Alaska and Hawaii. Figures for 1940 based on complete census revised for comparability with intercensal series.* Later data based on Current Population Survey; *see text, p. 2 and Appendix III.* See also *Historical Statistics, Colonial Times to 1970,* series D 49–62]

Year	Female labor force (1,000)					Percent distribution, female labor force			Female labor force as percent of female population				
	Total	Single	Married		Widowed or divorced	Single	Married [1]	Widowed or divorced	Total	Single	Married		Widowed or divorced
			Total [1]	Husband present							Total [1]	Husband present	
1940	13,840	6,710	5,040	[2] 4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944 [2]	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947 [2]	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1955 [2]	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1960	22,516	5,401	13,485	12,253	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1965	25,952	5,912	16,154	14,708	3,886	22.8	62.2	15.0	36.7	40.5	35.7	34.7	35.7
1968	28,778	6,357	18,234	16,821	4,187	22.1	63.4	14.6	40.7	51.3	39.1	38.3	35.8
1969	29,896	6,501	19,100	17,595	4,297	21.7	63.9	14.4	41.6	51.2	40.4	39.6	35.8
1970	31,233	6,965	19,799	18,377	4,469	22.3	63.4	14.3	42.6	53.0	41.4	40.8	36.2
1971	31,778	7,220	20,034	18,573	4,524	22.7	63.0	14.2	42.5	52.8	41.4	40.8	35.7
1972	33,132	7,543	20,845	19,336	4,744	22.8	62.9	14.3	43.7	55.0	42.2	41.5	37.2
1973	34,195	7,838	21,487	19,951	4,870	22.9	62.8	14.2	44.2	55.9	42.8	42.2	36.7
1974	35,708	8,362	22,202	20,541	5,144	23.4	62.2	14.4	45.3	57.4	43.8	43.1	37.8
1975	36,981	8,599	23,037	21,360	5,345	23.2	62.3	14.5	46.0	57.0	45.1	44.4	37.7
1976	38,399	9,282	23,643	21,814	5,474	24.2	61.6	14.3	46.8	59.2	45.8	45.1	37.3
1977	40,053	9,702	24,429	22,681	5,922	24.2	61.0	14.8	48.0	59.2	47.2	46.6	39.0
1978	41,747	10,487	24,976	23,136	6,284	25.1	59.8	15.1	49.2	60.7	48.1	47.5	39.9
1979	43,844	11,304	26,073	24,223	6,467	25.8	59.5	14.8	50.8	62.9	49.9	49.3	40.0
1980	44,934	11,242	26,828	24,900	6,864	25.0	59.7	15.3	51.1	61.5	50.7	50.1	41.0
1981	46,415	11,628	27,536	25,460	7,251	25.0	59.3	15.6	52.0	62.3	51.7	51.0	41.9
1982	47,095	11,801	27,843	25,756	7,451	25.1	59.1	15.8	52.1	62.2	51.8	51.2	42.1
1983	47,779	12,282	28,140	26,227	7,357	25.7	58.9	15.4	52.3	62.6	52.3	51.6	41.2
1984	49,210	12,552	28,884	26,861	7,774	25.5	58.7	15.8	53.2	63.3	53.3	52.8	42.0

[1] *Includes married, spouse absent.* [2] As of April.

Source: 1940–1955, U.S. Bureau of the Census, *Current Population Reports,* series P–50. Beginning 1960, U.S. Bureau of Labor Statistics, *Bulletin 2096, and unpublished data.*

No. 671. Married, Separated, and Divorced Women—Labor Force Status, by Presence and Age of Children: 1960 to 1984

[As of **March**. Based on Current Population Survey; see Appendix III]

Item	Total			No children under 18			Children 6–17 only			Children under 6		
	Married[1]	Separated	Divorced	Married[1]	Separated	Divorced	Married[1]	Separated	Divorced	Married[1]	Separated	Divorced
IN LABOR FORCE (mil.)												
1960	12.3	(NA)	(NA)	5.7	(NA)	(NA)	4.1	(NA)	(NA)	2.5	(NA)	(NA)
1970	18.4	1.4	1.9	8.2	.7	1.1	6.3	.4	.6	3.9	.3	.3
1980	24.9	1.9	4.4	11.2	.9	2.3	8.4	.6	1.6	5.2	.4	.5
1981	25.5	2.1	4.8	11.4	1.0	2.5	8.4	.7	1.7	5.6	.4	.6
1982	25.8	2.1	5.2	11.8	1.0	2.7	8.3	.7	1.8	5.7	.5	.6
1983	26.2	1.9	5.2	12.1	.8	2.8	8.3	.6	1.8	5.9	.5	.6
1984	26.9	2.0	5.5	12.3	.9	3.0	8.3	.7	1.9	6.2	.4	.6
PARTICIPATION RATE [2]												
1960	30.5	(NA)	(NA)	34.7	(NA)	(NA)	39.0	(NA)	(NA)	18.6	(NA)	(NA)
1970	40.8	52.1	71.5	42.2	52.3	67.7	49.2	60.6	82.4	30.3	45.4	63.3
1980	50.1	59.4	74.5	46.0	58.9	71.4	61.7	66.3	82.3	45.1	52.2	68.3
1981	51.0	60.8	75.0	46.3	59.9	72.4	62.5	70.0	83.4	47.8	51.0	65.4
1982	51.2	60.0	74.9	46.2	57.5	71.6	63.2	68.4	83.6	48.7	55.2	67.2
1983	51.8	58.7	74.6	46.6	55.6	71.7	63.8	68.7	82.2	49.9	53.8	68.7
1984	52.8	61.1	74.3	47.1	59.3	70.6	65.4	70.2	84.1	51.8	54.0	67.9
UNEMPLOYMENT RATE [3]												
1960	5.4	(NA)	(NA)	4.8	(NA)	(NA)	4.9	(NA)	(NA)	7.8	(NA)	(NA)
1970	4.8	6.8	5.4	3.3	4.2	4.7	4.8	5.9	6.5	7.9	13.3	5.2
1980	5.3	9.9	6.4	4.5	8.3	4.5	4.4	10.6	6.7	8.3	12.3	13.6
1981	5.8	12.5	6.8	4.9	8.0	5.8	5.3	14.2	7.1	8.2	20.2	10.3
1982	7.1	14.5	8.9	5.7	11.7	7.6	7.0	14.6	9.2	10.1	20.1	13.5
1983	7.2	19.1	10.2	5.7	13.8	7.1	6.7	20.0	12.8	10.9	27.8	16.8
1984	5.7	13.8	8.6	4.6	9.0	6.7	5.0	13.1	9.7	8.9	24.9	14.3

NA Not available. [1] Husband present. [2] Percent of women in each specific category in the labor force.
[3] Unemployed as a percent of civilian labor force in specified group.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports* Nos. 13, 130, and 134, Bulletin 2163, and unpublished date.

No. 672. Employment Status of Members in Married-Couple Families: 1960 to 1984

[As of **March**. Includes members of the Armed Forces living off post or with their families on post]

Item	1960	1965	1970	1975	1980	1981	1982	1983	1984
Husband employed, total (1,000)	**33,579**	**35,512**	**37,667**	**37,235**	**38,367**	**37,966**	**37,221**	**36,609**	**37,676**
Percent with—									
Wife or other member in labor force [1]	42.7	47.2	53.1	57.9	65.1	66.2	66.5	66.8	68.5
Wife only	25.5	29.4	34.3	38.9	44.8	45.8	46.6	46.7	48.7
Wife and other member	6.1	7.3	9.3	9.9	12.2	12.3	12.3	12.9	12.7
Wife or other member employed [2]	40.0	44.5	50.7	53.4	62.0	62.4	62.0	55.9	65.0
Only wife employed	29.6	32.8	38.3	35.5	43.3	44.4	44.4	43.7	46.2
Husband unemployed, total (1,000)	**1,462**	**1,033**	**972**	**2,293**	**1,540**	**1,860**	**2,422**	**3,106**	**2,031**
Percent with—									
Wife or other member in labor force [1]	49.7	54.6	56.1	61.1	62.6	66.7	69.2	68.4	67.0
Wife only	32.1	36.6	41.8	44.6	45.2	49.4	51.7	50.5	49.8
Wife and other member	8.0	7.8	7.6	8.5	11.1	10.5	10.6	11.6	10.9
Wife or other member employed [2]	41.7	47.5	50.8	47.3	53.2	56.7	54.3	50.5	56.7
Only wife employed	24.9	28.7	33.4	36.4	39.5	44.1	43.5	40.9	41.7

[1] Includes other categories not shown separately. [2] Includes wife or other member who is unemployed.

Source: U.S. Bureau of Labor Statistics, Bulletin 2096 and unpublished data.

No. 673. Occupations of the Work-Experienced Civilian Labor Force, by Sex: 1970 and 1980

[**In thousands, except percent.** As of **April 1.** Based on sample data from the census of population; subsample of 1970 data reclassified into the 1980 occupation classification system. The experienced civilian labor force includes the employed and the unemployed who have worked any time in the past. See text, p. 388 and source, for details]

Occupation	Total		Male		Female		Female as a percent of total	
	1970	1980	1970	1980	1970	1980	1970	1980
Experienced civilian labor force, total	**79,802**	**104,058**	**49,455**	**59,754**	**30,347**	**44,304**	**38.0**	**42.6**
Managerial and professional	**14,770**	**22,653**	**9,765**	**13,457**	**5,004**	**9,196**	**33.9**	**40.6**
Executive, administrative, managerial [1]	5,970	10,379	4,868	7,210	1,102	3,169	18.5	30.5
Administrators and officials [2]	495	710	380	460	115	250	23.3	35.2
Managers: Financial	220	410	178	281	43	129	19.4	31.4
Personnel and labor relations	65	220	51	141	14	79	21.2	36.0
Purchasing	44	71	40	56	4	15	8.5	21.2
Marketing, advertising, and public relations	433	689	399	567	34	122	7.9	17.6
Medicine and health	58	111	23	55	35	56	60.6	50.8
Properties and real estate	115	200	78	116	37	82	32.1	41.1
Managers and administrators, not elsewhere classified	2,762	5,233	2,340	3,825	422	1,408	15.3	26.9
Management related occupations	1,693	2,617	1,310	1,618	384	999	22.7	38.2
Accountants and auditors	646	1,013	487	627	159	386	24.6	38.1
Professional specialty [1]	8,800	12,275	4,898	6,248	3,902	6,027	44.3	49.1
Architects	54	108	52	99	2	9	4.0	8.3
Engineers	1,249	1,401	1,228	1,336	21	65	1.7	4.6
Mathematical and computer scientists	210	330	175	244	35	86	16.7	26.1
Computer systems analysts and scientists	108	203	93	158	15	46	13.6	22.5
Natural scientists	228	314	197	252	31	63	13.6	19.9
Health diagnosing [1]	452	647	416	571	36	76	8.0	11.8
Physicians	297	433	268	375	29	58	9.7	13.4
Teachers, postsecondary	511	637	362	404	148	233	29.1	36.6
Math and computer science	27	19	22	13	5	6	19.3	31.3
Teachers, exc. postsecondary	2,956	3,722	872	1,087	2,084	2,635	70.5	70.8
Elementary school	1,510	2,319	243	570	1,267	1,750	83.9	75.4
Social scientists and urban planners	109	218	85	136	25	82	22.5	37.5
Lawyers	273	502	260	433	13	69	4.9	13.8
Judges	15	28	14	23	1	5	6.1	17.1
Technical, sales, and administrative support	**23,048**	**30,884**	**9,450**	**11,002**	**13,598**	**19,882**	**59.0**	**64.4**
Technicians and related support [1]	1,821	3,063	1,194	1,722	627	1,341	34.4	43.8
Health technologists and technicians	543	989	96	162	447	827	82.4	83.6
Engineering and related technologists and technicians	760	947	692	789	68	158	8.9	16.7
Science technicians	136	193	105	132	30	60	22.4	31.4
Computer programmers	163	318	124	219	39	99	24.2	31.2
Sales [1]	8,021	10,257	4,711	5,262	3,310	4,995	41.3	48.7
Supervisors and proprietors [3]	1,259	1,583	1,045	1,137	215	445	17.0	28.2
Sales representatives [4]	1,112	1,846	918	1,193	193	654	17.4	35.4
Sales workers, retail and personal services	4,534	5,499	1,719	1,807	2,814	3,693	62.1	67.1
Administrative support [1]	13,207	17,564	3,545	4,018	9,661	13,545	73.2	77.1
Supervisors	409	1,078	181	570	228	509	55.8	47.2
Computer equipment operators	169	421	99	172	70	249	41.5	59.2
Adjusters and investigators [1]	354	531	215	200	139	332	39.3	62.4
Insurance adjusters, examinators, investigators	102	167	71	67	30	101	29.6	60.2
Investigators, adjustors, exc. insurance	189	251	106	94	82	157	43.6	62.6
Service occupations	**10,186**	**13,606**	**4,102**	**5,585**	**6,084**	**8,021**	**59.7**	**58.9**
Private household	1,211	627	45	29	1,166	597	96.3	95.3
Protective service	1,058	1,542	988	1,360	70	182	6.6	11.8
Service exc. protective and household	7,917	11,437	3,069	4,196	4,848	7,241	61.2	63.3
Food preparation [1]	3,314	4,830	1,042	1,645	2,272	3,185	68.5	65.9
Bartenders	216	318	170	177	46	141	21.2	44.3
Cooks, exc. short order	689	1,351	226	578	463	772	67.2	57.2
Health services	1,185	1,828	147	217	1,038	1,611	87.6	88.1
Cleaning and building, except private household	2,197	2,980	1,493	1,931	704	1,049	32.0	35.2
Personal service	1,221	1,799	386	403	835	1,395	68.4	77.6
Farming, forestry, and fishing [1]	**3,034**	**3,032**	**2,757**	**2,581**	**277**	**451**	**9.1**	**14.9**
Farm operators and managers	1,433	1,315	1,361	1,185	72	130	5.0	9.9
Farm occupations exc. managerial	1,002	976	841	758	161	218	16.1	22.3
Precision production, craft, and repair	**11,269**	**13,555**	**10,445**	**12,499**	**824**	**1,056**	**7.3**	**7.8**
Mechanics and repairers	3,275	3,983	3,195	3,848	80	135	2.5	3.4
Construction, trades	3,615	4,814	3,554	4,712	61	102	1.7	2.1
Extractive	177	314	173	306	4	7	2.4	2.3
Precision production	4,201	4,444	3,523	3,632	679	812	16.2	18.3
Woodworking	110	118	102	102	8	17	7.5	14.2
Operators, fabricators, and laborers	**17,385**	**19,988**	**12,887**	**14,501**	**4,498**	**5,486**	**25.9**	**27.4**
Machine operators, assemblers, and inspectors	8,938	10,082	5,391	5,980	3,547	4,102	39.7	40.7
Machine operators and tenders, except precision [1]	6,495	6,544	3,879	3,862	2,616	2,682	40.3	41.0
Printing machine operators	393	442	340	323	53	119	13.5	27.0
Textile, apparel, and furnishings	1,986	1,632	418	303	1,568	1,329	79.0	81.4
Transportation and material moving [1]	3,932	4,820	3,769	4,445	163	375	4.1	7.8
Motor vehicle operators [1]	2,725	3,280	2,593	2,980	133	299	4.9	9.1
Truck drivers, heavy and light trucks	1,949	2,447	1,906	2,365	43	82	2.2	3.3
Bus drivers	258	386	185	209	73	177	28.3	45.8
Taxicab drivers and chauffeurs	170	189	160	167	10	22	5.7	11.5
Handlers, equipment cleaners, helpers, and laborers	4,515	5,086	3,727	4,077	788	1,009	17.4	19.8
Experienced unemployed [5]	**110**	**340**	**49**	**128**	**62**	**212**	**55.8**	**62.4**

[1] Includes occupations not shown separately. [2] In public administration protective services and related fields. [3] Salaried and self-employed. [4] Includes finance and business. [5] Unemployed persons who have worked anytime in the past.

Source: U.S. Bureau of the Census, *1980 Census of Population*, Supplementary Reports (PC80-S1-15).

No. 674. Occupations of Employed Workers, by Educational Attainment and Sex: 1984

[As of **March**. Civilians 25 years and over]

Years of school completed	Total [1]		Managerial/ professional		Technical/ sales/ administrative		Service		Precision production [2]		Operators/ fabricators [3]	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NUMBER (1,000)												
Total	**47,116**	**36,104**	**13,625**	**9,632**	**9,398**	**15,553**	**3,604**	**5,981**	**9,611**	**868**	**8,806**	**3,704**
Less than 4 years of high school	8,499	5,196	507	242	797	1,098	987	1,994	2,279	241	3,092	1,499
4 years of high school only	16,929	16,058	2,093	1,859	3,238	8,700	1,476	3,022	5,016	459	4,349	1,861
1 to 3 years of college	8,521	6,839	2,128	1,890	2,558	3,627	757	696	1,748	107	1,054	265
4 years of college or more	13,166	8,011	8,897	5,641	2,805	1,928	384	268	570	62	312	79
PERCENT DISTRIBUTION												
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than 4 years of high school	18.0	14.4	3.7	2.5	8.5	7.1	27.4	33.3	23.7	27.8	35.1	40.5
4 years of high school only	35.9	44.5	15.4	19.3	34.5	55.9	41.0	50.5	52.2	52.9	49.4	50.2
1 to 3 years of college	18.1	18.9	15.6	19.6	27.2	24.6	21.0	11.6	18.2	12.3	12.0	7.2
4 years of college or more	27.9	22.2	65.3	58.6	29.8	12.4	10.7	4.5	5.9	7.1	3.5	2.1

[1] Includes other occupations not shown separately. [2] Includes craft and repair. [3] Includes laborers.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 675. Employed Civilians by Occupational Group, Sex, and Years of School Completed: 1984

[Relates to civilian noninstitutional population 16 years old and over. As of **March**. Based on Current Population Survey; see text, p. 2]

Sex, race, and years of school completed	Total employed	Managerial/ professional	Tech./ sales/ administrative	Service [1]	Precision production [2]	Operators/ fabricators [3]	Farming, forestry, fishing
NUMBER (1,000)							
Male, White:							
Less than 4 years of high school	9,642	505	976	1,374	2,434	3,443	910
4 years of high school only	19,191	2,163	3,652	1,662	5,644	5,139	932
1 year of college or more	22,384	10,752	5,786	1,393	2,412	1,524	518
Male, Black:							
Less than 4 years of hgh school	1,443	38	98	331	208	624	144
4 years of high school only	1,924	90	306	437	309	742	40
1 year of college or more	1,440	471	348	187	165	252	20
Female, White:							
Less than 4 years of high school	5,814	234	1,663	2,087	236	1,462	132
4 years of high school only	17,771	1,926	9,992	3,382	466	1,820	184
1 year of college or more	15,824	7,427	6,511	1,271	168	338	108
Female, Black:							
Less than 4 years of high school	1,098	20	137	673	25	221	21
4 years of high school only	2,041	127	839	626	65	382	2
1 year of college or more	1,734	639	786	201	18	90	-
PERCENT DISTRIBUTION							
Male, White:							
Less than 4 years of high school	100.0	5.2	10.1	14.3	25.2	35.7	9.4
4 years of high school only	100.0	11.3	19.0	8.7	29.4	26.8	4.9
1 year of college or more	100.0	48.0	25.8	6.2	10.8	6.8	2.3
Male, Black:							
Less than 4 years of high school	100.0	2.6	6.8	22.9	14.4	43.2	10.0
4 years of high school only	100.0	4.7	15.9	22.7	16.1	38.6	2.1
1 year of college or more	100.0	32.6	24.1	13.0	11.4	17.5	1.4
Female, White:							
Less than 4 years of high school	100.0	4.0	28.6	35.9	4.1	25.1	2.3
4 years of high school only	100.0	10.8	56.2	19.0	2.6	10.2	1.0
1 year of college or more	100.0	46.9	41.1	8.0	1.1	2.1	.7
Female, Black:							
Less than 4 years of high school	100.0	1.8	12.5	61.3	2.3	20.1	1.9
4 years of high school only	100.0	6.2	41.1	30.7	3.2	18.7	.1
1 year of college or more	100.0	36.9	45.3	11.6	1.0	5.2	-

- Represents zero. [1] Includes private household workers. [2] Includes craft and repair. [3] Includes laborers.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 676. Employed Persons, by Sex, Race, and Occupation: 1983

[Civilians 16 years old and over]

Occupation	Total employed (1,000)	Percent of total		
		Female	Black	Hispanic origin
Total	**100,834**	**43.7**	**9.3**	**5.3**
Managerial and professional specialty	**23,592**	**40.9**	**5.6**	**2.6**
Executive, administrative, and managerial [1]	10,772	32.4	4.7	2.8
Officials and administrators, public	417	38.5	8.3	3.8
Administrators, protective services	54	14.0	2.8	1.0
Financial managers	357	38.6	3.5	3.1
Personnel and labor relations managers	106	43.9	4.9	2.6
Purchasing managers	82	23.6	5.1	1.4
Managers, marketing, advertising and public relations	396	21.8	2.7	1.7
Administrators, education and related fields	415	41.4	11.3	2.4
Managers, medicine and health	91	57.0	5.0	2.0
Managers, properties and real estate	305	42.8	5.5	5.2
Management-related occupations	2,966	40.3	5.8	3.5
Accountants and auditors	1,105	38.7	5.5	3.3
Professional specialty [1]	12,820	48.1	6.4	2.5
Architects	103	12.7	1.6	1.5
Engineers	1,572	5.8	2.7	2.2
Mathematical and computer scientists	463	29.6	5.4	2.8
Computer systems analysts, scientists	276	27.8	6.2	2.7
Natural scientists	357	20.5	2.6	2.1
Health diagnosing occupations [1]	795	13.3	2.7	3.3
Physicians	519	15.8	3.2	4.5
Dentists	126	6.7	2.4	1.0
Health assessment and treating occupations [1]	1,900	85.8	7.1	2.2
Registered nurses	1,372	95.8	6.7	1.8
Therapists	247	76.3	7.6	2.7
Physicians assistants	51	36.3	7.7	4.4
Teachers, college and university	606	36.3	4.4	1.8
Teachers, except college and university [1]	3,365	70.9	9.1	2.7
Elementary school	1,350	83.3	11.1	3.1
Secondary school	1,209	51.8	7.2	2.3
Counselors, educational and vocational	184	53.1	13.9	3.2
Librarians, archivists, and curators	213	84.4	7.8	1.6
Librarians	193	87.3	7.9	1.8
Social scientists and urban planners	261	46.8	7.1	2.1
Psychologists	135	57.1	8.6	1.1
Social, recreation, and religious workers	831	43.1	12.1	3.8
Social workers	407	64.3	18.2	6.3
Lawyers and judges	651	15.8	2.7	1.0
Writers, artists, entertainers, and athletes	1,544	42.7	4.8	2.9
Technical, sales, and administrative support	**31,265**	**64.6**	**7.6**	**4.3**
Technicians and related support	3,053	48.2	8.2	3.1
Health technologists and technicians	1,111	84.3	12.7	3.1
Licensed practical nurses	443	97.0	17.7	3.1
Engineering and related technologists and technicians	822	18.4	6.1	3.5
Science technicians	202	29.1	6.6	2.8
Technicians, except health, engineering, and science	917	35.3	5.0	2.7
Computer programmers	443	32.5	4.4	2.1
Sales occupations	11,818	47.5	4.7	3.7
Supervisors and proprietors	2,958	28.4	3.6	3.4
Sales representatives, finance and business services [1]	1,853	37.2	2.7	2.2
Insurance sales	551	25.1	3.8	2.5
Real estate sales	570	48.4	1.3	1.5
Sales representatives, commodities, except retail	1,442	15.1	2.1	2.2
Sales workers, retail and personal services	5,511	69.7	6.7	4.8
Cashiers	2,009	84.4	10.1	5.4
Sales-related occupations	54	58.7	2.8	1.3
Administrative support, including clerical	16,395	79.9	9.6	5.0
Supervisors	676	53.4	9.3	5.0
Computer equipment operators	605	63.9	12.5	6.0
Computer operators	597	63.7	12.1	6.0
Secretaries, stenographers, and typists [1]	4,861	98.2	7.3	4.5
Secretaries	3,891	99.0	5.8	4.0
Typists	906	95.6	13.8	6.4
Information clerks	1,174	88.9	8.5	5.5
Receptionists	602	96.8	7.5	6.6
Records processing occupations, except financial	866	82.4	13.9	4.8
File clerks	267	83.5	16.7	6.1
Financial records processing	2,457	89.4	4.6	3.7
Bookkeepers, accounting, and auditing clerks	1,970	91.0	4.3	3.3

See footnotes at end of table.

No. 676. Employed Persons, by Sex, Race, and Occupation: 1983—Continued

[Civilians 16 years old and over]

OCCUPATION	Total employed (1,000)	PERCENT OF TOTAL		
		Female	Black	Hispanic origin
Technical, sales, and administrative support: Con.—				
Administrative support, including clerical: Con.—				
Duplicating, mail and other office machine operators	68	62.6	16.0	6.1
Communications equipment operators	256	89.1	17.0	4.4
Telephone operators	244	90.4	17.0	4.3
Mail and message distributing occupations	799	31.6	18.1	4.5
Postal clerks, except mail carriers	248	36.7	26.2	5.2
Material recording, scheduling, and distributing clerks	1,562	37.5	10.9	6.6
Adjusters and investigators	675	69.9	11.1	5.1
Miscellaneous administrative support [1]	2,397	85.2	12.5	5.9
General office clerks	648	80.6	12.7	5.2
Bank tellers	480	91.0	7.5	4.3
Data entry keyers	311	93.6	18.6	5.6
Teachers' aides	348	93.7	17.8	12.6
Service occupations	**13,857**	**60.1**	**16.5**	**6.8**
Private household	980	96.1	27.8	8.5
Child care workers	408	96.9	7.9	3.6
Protective service [1]	1,672	12.8	13.6	4.6
Firefighting and fire prevention	189	1.0	6.7	4.1
Police and detectives	645	9.4	13.1	4.0
Guards	711	20.6	17.0	5.6
Service except private household and protective	11,205	64.0	16.0	6.9
Food preparation and service occupations [1]	4,860	63.3	10.5	6.8
Waiters and waitresses	1,357	87.8	4.1	3.6
Cooks, except short order	1,359	50.8	16.0	6.6
Health service occupations	1,739	89.2	23.5	4.8
Nursing aides, orderlies, and attendants	1,269	88.7	27.3	4.7
Cleaning and building service occupations	2,736	38.8	24.4	9.2
Janitors and cleaners	2,031	28.6	22.6	8.9
Personal service occupations [1]	1,870	79.2	11.1	6.0
Hairdressers and cosmetologists	622	88.7	7.0	5.7
Child care workers, except private household	633	96.8	12.6	5.2
Precision production, craft, and repair	**12,328**	**8.1**	**6.8**	**6.2**
Mechanics and repairers	4,158	3.0	6.8	5.3
Mechanics and repairers, except supervisors	3,906	2.8	7.0	5.5
Vehicle and mobile equipment mechanics and repairers	1,683	.8	6.9	6.0
Construction trades	4,289	1.8	6.6	6.0
Construction trades, except supervisors	3,784	1.9	7.1	6.1
Carpenters	1,160	1.4	5.0	5.0
Extractive occupations	196	2.3	3.3	6.0
Precision production occupations	3,685	21.5	7.3	7.4
Operators, fabricators, and laborers	**16,091**	**26.6**	**14.0**	**8.3**
Machine operators, assemblers, and inspectors [1]	7,744	42.1	14.0	9.4
Fabricators, assemblers, and hand working occupations	1,715	33.7	11.3	8.7
Production inspectors, testers, samplers, and weighers	794	53.8	13.0	7.7
Transportation and material moving occupations	4,201	7.8	13.0	5.9
Motor vehicle operators	2,978	9.2	13.5	6.0
Trucks, heavy and light	2,195	3.1	12.3	5.7
Transportation occupations, except motor vehicles	212	2.4	6.7	3.0
Material moving equipment operators	1,011	4.8	12.9	6.3
Handlers, equipment cleaners, helpers, and laborers [1]	4,147	16.8	15.1	8.6
Freight, stock, and material handlers	1,488	15.4	15.3	7.1
Laborers, except construction	1,024	19.4	16.0	8.6
Farming, forestry, and fishing	**3,700**	**16.0**	**7.5**	**8.2**
Farm operators and managers	1,450	12.1	1.3	.7
Other agricultural and related occupations	2,072	19.9	11.7	14.0
Forestry and logging occupations	126	1.4	12.8	2.1
Fishers, hunters, and trappers	53	4.5	1.8	2.5

[1] Includes other occupations, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1984.

No. 677. Occupation and Sex of Employed Persons, by Employment Status of the Previous Year: 1983

[For persons 18 years old and over, not in school]

Occupation	Male					Female				
	Employed, Jan. 1983 (1,000)	Employment status, Jan. 1982 (percent)				Employed, Jan. 1983 (1,000)	Employment status, Jan. 1982 (percent)			
		Same occupation	Different occupation	Unemployed	Not in labor force		Same occupation	Different occupation	Unemployed	Not in labor force
Total	**52,253**	**83.9**	**8.3**	**4.5**	**3.2**	**40,783**	**79.4**	**8.7**	**4.0**	**7.9**
Executive, administrative and managerial	7,363	90.2	7.2	1.5	1.1	3,414	82.0	11.8	1.8	4.4
Professional specialty	6,530	90.7	5.3	.9	3.1	5,969	85.3	5.8	2.4	6.5
Technicians and related support	1,491	85.4	8.7	2.8	3.1	1,476	82.8	7.2	1.8	8.2
Sales occupations	5,555	83.6	10.4	3.1	2.9	4,851	71.4	10.4	5.3	12.9
Admin. support, including clerical	3,046	82.4	10.7	3.5	3.3	12,486	81.0	9.5	3.0	6.4
Private household	32	54.1	5.1	11.2	29.5	737	67.0	8.1	5.2	9.6
Protective service	1,395	84.7	8.3	5.1	2.0	193	78.7	11.3	4.7	5.3
Other service	3,174	79.3	11.4	8.4	7.0	6,283	75.7	7.8	5.8	10.7
Precision, production, craft, and repair	10,740	84.0	7.0	6.0	2.9	827	79.9	9.6	5.1	5.4
Machine operators, assemblers, inspectors	4,132	81.0	10.5	6.0	2.5	3,193	81.6	7.4	6.7	4.3
Transportation and material moving	3,619	81.5	8.2	7.7	2.5	332	82.4	7.3	3.6	6.7
Handlers, equipment cleaners, helpers, laborers	2,681	69.3	12.9	10.0	7.8	613	69.0	11.9	7.7	11.4
Farming, forestry, fishing	2,494	87.0	5.3	4.1	3.6	411	78.9	5.4	5.4	10.3

Source: U.S. Bureau of Labor Statistics, *unpublished data.*

No. 678. Employment, by Industry: 1970 to 1983

[In thousands of civilian persons 16 years old and over, except percent. Annual averages of monthly figures. Based on *Current Population Survey;* see text, pp. 387 and 388, and Appendix III. Persons of Hispanic origin may be of any race. Data for 1983 not strictly comparable with earlier years due to changes in industrial classification]

Industry	1970	1975	1980	1981	1982	1983			
						Total	Percent		
							Black	Hispanic	Female
Total employed	**78,678**	**85,846**	**99,303**	**100,397**	**99,526**	**100,834**	**9.3**	**5.3**	**43.7**
Agriculture, forestry, fisheries	3,567	3,505	3,529	3,518	3,571	3,541	5.6	7.9	19.0
Mining	516	752	979	1,118	1,028	921	3.7	4.7	17.4
Construction	4,818	5,093	6,215	6,060	5,756	6,149	6.5	5.8	8.3
Manufacturing	20,746	19,457	21,942	21,817	20,286	19,946	9.6	6.1	32.5
Transportation, communication, and other public utilities	5,320	5,682	6,525	6,633	6,552	6,988	11.8	4.8	25.5
Wholesale and retail trade	15,008	17,713	20,191	20,524	20,758	21,145	6.6	5.2	47.0
Wholesale trade	2,672	3,382	3,920	4,016	4,120	4,314	5.8	4.8	27.0
Retail trade	12,336	14,331	16,270	16,508	16,638	16,832	6.8	5.3	52.2
Finance, insurance, real estate	3,945	4,735	5,993	6,133	6,270	6,510	7.6	4.7	57.7
Banking and other finances	1,697	1,951	2,568	2,721	2,785	2,908	8.2	5.0	64.7
Insurance and real estate	2,248	2,783	3,425	3,413	3,485	3,601	7.1	4.5	52.1
Services [1]	20,281	24,077	28,587	29,360	30,090	30,922	11.4	4.7	60.8
Business services	1,403	1,695	2,361	2,518	2,796	3,226	9.5	5.2	46.0
Automobile services	600	711	952	989	1,038	1,073	7.8	7.9	12.0
Personal services [1]	4,276	3,772	3,839	3,914	3,993	4,075	15.7	7.4	71.5
Private households	1,782	1,392	1,257	1,276	1,271	1,253	25.8	7.8	82.9
Hotels and lodging places	979	996	1,149	1,197	1,270	1,300	13.2	7.2	65.3
Entertainment and recreation	717	865	1,047	1,107	1,138	1,215	8.3	5.7	39.2
Professional and related services [1]	[2] 12,904	16,573	19,853	20,201	20,507	20,716	11.3	3.8	66.2
Hospitals	2,843	3,441	4,036	4,186	4,341	4,348	16.0	4.2	76.6
Health services [3]	1,628	2,505	3,345	3,476	3,518	3,526	10.6	3.8	76.0
Elementary, secondary schools	6,126	5,077	5,550	5,439	5,457	5,254	11.8	4.4	68.3
Colleges and universities		1,852	2,108	2,147	2,199	2,219	9.9	2.7	49.6
Welfare and religious agencies	828	1,247	1,590	1,631	1,594	1,452	17.5	5.6	77.5
Public administration [4]	[2] 4,476	4,824	5,342	5,233	5,218	4,710	12.8	4.7	39.9

[1] Includes industries not shown separately. [2] Not strictly comparable with later years due to reclassification between "*Professional and related services*" and "Public administration." [3] Except hospitals. [4] Includes workers involved in uniquely governmental activities, e.g., judicial and legislative.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly; and unpublished data.

No. 679. Employment by Selected Industry, 1970 to 1982 and Projections, 1990 and 1995

[**In thousands, except percent.** Employment includes wage and salary workers in nonagricultural establishments, the self-employed, unpaid family workers, private household workers and farm workers. Due to estimation procedures and classification of components of industries, data not comparable to those in other tables. Minus sign (–) indicates decrease]

Industry	Employment					Annual average rate of change				
	1970	1980	1982	1990 [1]	1995 [1]	1970–1980	1980–1982	1980–1990	1982–1990	1990–1995
Total	**82,603**	**102,830**	**102,315**	**118,315**	**127,563**	**2.2**	**–.3**	**1.4**	**1.8**	**1.5**
Agriculture [2]	3,300	2,860	2,815	2,652	2,550	–1.4	–.8	–.8	–.7	–.8
Dairy and poultry products	765	436	429	384	360	–5.5	–.8	–1.3	–1.4	–1.3
Cotton	157	62	61	54	50	–8.9	–.8	–1.4	–1.5	–1.5
Mining [2]	514	723	742	781	864	3.5	1.3	.8	.7	2.0
Iron and ferroalloy ores mining	30	27	16	25	26	–1.0	–23.0	–.8	5.7	1.1
Coal mining	147	247	242	286	317	5.3	–1.0	1.5	2.1	2.1
Crude petroleum, natural gas (excl. drilling)	156	246	311	291	338	4.7	12.4	1.7	–.8	3.0
Stone, clay mining, and quarrying	101	103	90	87	77	.2	–6.5	–1.6	–.4	–2.5
Construction [2]	4,387	5,865	5,491	6,963	7,925	2.9	–3.2	1.7	3.0	2.6
New construction (including oil well drilling)	3,555	4,327	4,067	5,263	6,043	2.0	–3.1	2.0	3.3	2.8
Manufacturing	19,665	20,673	19,234	22,236	23,491	.5	–3.5	.7	1.8	1.1
Durable goods [2]	11,399	12,423	11,326	13,550	14,498	.9	–4.5	.9	2.3	1.4
Complete guided missiles and space vehicles	84	88	105	130	140	.5	9.2	3.9	2.7	1.5
Wooden containers	33	17	15	12	11	–6.4	–6.1	–3.1	–2.3	–2.2
Household furniture	300	301	270	346	357	–	–5.3	1.4	3.2	.6
Glass	186	191	173	201	212	.3	–4.8	.5	1.9	1.1
Computers, peripheral equipment	236	376	428	586	694	4.8	6.7	4.5	4.0	3.4
Typewriters, other office equip	53	58	47	60	69	.9	–10.0	.3	3.1	2.9
Radio, television receiving sets	133	109	93	106	113	–2.0	–7.6	–.3	1.7	1.2
Telephone, telegraph apparatus	164	164	148	185	209	–	–5.0	1.2	2.8	2.5
Radio, communication equipment	362	378	424	433	460	.4	5.9	1.4	.3	1.2
Electronic components	367	554	561	745	850	4.2	.6	3.0	3.6	2.7
Motor vehicles	801	791	707	834	860	–.1	–5.5	.5	2.1	.6
Aircraft	670	676	629	680	709	.1	–3.6	.1	1.0	.9
Scientific, controlling instruments	181	221	226	292	349	2.0	1.1	2.8	3.2	3.7
Medical, dental instruments	83	156	158	203	272	6.5	.6	2.6	3.2	6.1
Nondurable goods [2]	8,266	8,250	7,908	8,686	8,995	–	–2.1	.5	1.2	.7
Dairy products	251	180	171	144	127	–3.3	–2.5	–2.2	–2.1	–2.6
Bakery products	281	233	227	210	174	–1.9	–1.3	–1.1	–1.0	–3.7
Alcoholic beverages	96	84	87	86	80	–1.3	1.8	.2	–.2	–1.2
Soft drinks and flavorings	142	150	145	168	167	.5	–1.7	1.1	1.9	–.2
Tobacco manufacturing	83	69	68	62	52	–1.8	–.7	–1.1	–1.2	–3.4
Newspaper printing, publishing	382	441	445	494	535	1.4	.5	1.1	1.3	1.6
Periodical, book printing and publishing	209	238	248	298	338	1.3	2.1	2.3	2.3	2.6
Leather tanning, industrial leather	27	19	19	16	12	–3.5	–	–1.9	–2.3	–4.9
Leather products, incl. footwear	299	215	206	170	154	–3.2	–2.1	–2.3	–2.4	–1.9
Transportation [2]	2,887	3,250	3,103	3,450	3,594	1.2	–2.3	.6	1.3	.8
Railroad	636	534	433	373	351	–1.7	–10.0	–3.5	–1.8	–1.2
Local transit, intercity buses	321	312	314	341	361	–.3	.3	.9	1.0	1.2
Truck	1,225	1,497	1,454	1,701	1,774	2.0	–1.4	1.3	2.0	.8
Water	217	216	206	210	214	–	–2.3	–.3	.2	.4
Air	356	461	450	532	568	2.6	–1.2	1.4	2.1	1.3
Transportation services	114	209	224	269	302	6.2	3.5	2.6	2.3	2.3
Communications [2]	1,132	1,362	1,420	1,687	1,950	1.9	2.1	2.2	2.2	2.9
Radio, television broadcasting	139	203	221	308	357	3.9	4.3	4.3	4.2	3.0
Public utilities [2]	797	966	1,020	1,064	1,093	1.9	2.8	1.0	.5	.5
Electric, public and private	481	640	684	712	740	2.9	3.4	1.1	.5	.8
Gas, excluding public	221	221	230	218	207	–	2.0	–.1	–.7	–1.1
Trade	17,060	22,493	22,536	26,355	28,545	2.8	.1	1.6	2.0	1.6
Wholesale	4,250	5,597	5,585	6,298	6,734	2.8	–.1	1.2	1.5	1.3
Retail, except eating, drinking places	9,872	11,948	11,792	14,106	15,070	1.9	–.7	1.7	2.3	1.3
Eating and drinking places	2,938	4,948	5,159	5,951	6,742	5.4	2.1	1.9	1.8	2.5
Finance, insurance, real estate	3,977	5,702	5,899	7,113	7,685	3.7	1.7	2.2	2.4	1.6
Banking	1,049	1,572	1,655	1,954	2,120	4.1	2.6	2.2	2.1	1.6
Credit agencies, financial brokers	636	952	1,038	1,350	1,518	4.1	4.4	3.6	3.3	2.4
Insurance	1,411	1,794	1,870	2,169	2,272	2.4	2.1	1.9	1.9	.9
Real estate	881	1,384	1,336	1,640	1,774	4.6	–1.7	1.7	2.6	1.6
Services [2]	14,050	21,097	22,617	27,863	31,290	4.1	3.5	2.8	2.6	2.3
Personal and repair	1,193	1,244	1,305	1,519	1,592	.4	2.4	2.0	1.9	.9
Misc. business	1,756	3,404	3,743	5,172	6,183	6.8	4.9	4.3	4.1	3.6
Advertising	135	172	186	218	234	2.5	4.0	2.4	2.0	1.4
Misc. professional	1,101	1,930	2,147	2,640	3,004	5.8	5.5	3.2	2.6	2.6
Doctors' and dentists'	815	1,408	1,503	1,897	2,005	5.6	3.3	3.0	3.0	1.1
Hospitals	1,871	2,754	3,016	3,963	4,477	3.9	4.6	3.7	3.5	2.5
Medical, except hospitals	733	1,517	1,664	2,208	2,688	7.5	4.7	3.8	3.6	4.0
Educational (private)	1,240	1,772	1,882	2,157	2,396	3.6	3.1	2.0	1.7	2.1
Private households	2,280	1,598	1,635	1,400	1,346	–3.5	1.2	–1.3	–1.9	–.8
Government	12,554	16,241	15,803	16,750	17,230	2.6	–1.4	.3	.7	.6

– Represents zero. [1] Projections based on assumptions of moderate growth; see source for details. [2] Includes other industries, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment Projections for 1995*, Bulletin 2197, March 1984.

NO. 680. UNEMPLOYED AND UNEMPLOYMENT INSURANCE—SUMMARY: 1972 TO 1983

[In thousands, except as indicated. Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series D 87–101]

ITEM AND CHARACTERISTIC	1972	1975	1977	1978	1979	1980	1981	1982	1983
Total unemployed [1]	**4,882**	**7,929**	**6,991**	**6,202**	**6,137**	**7,637**	**8,273**	**10,678**	**10,717**
Labor force time lost [2] (percent)	5.9	9.1	7.6	6.5	6.3	7.9	8.5	11.0	10.9
Male	2,659	4,442	3,667	3,142	3,120	4,267	4,577	6,179	6,260
Female	2,222	3,486	3,324	3,061	3,018	3,370	3,696	4,499	4,457
White	3,906	6,421	5,441	4,698	4,664	5,884	6,343	8,241	8,128
Black	906	1,369	1,393	1,330	1,319	1,553	1,731	2,142	2,272
Full-time workers	3,806	6,523	5,548	4,838	4,787	6,269	6,795	9,006	9,075
Part-time workers	1,077	1,408	1,443	1,364	1,351	1,369	1,477	1,672	1,642
Percent of total unemployed	22.1	17.8	20.6	22.0	22.0	17.9	17.9	15.7	15.3
16–19 years old [1]	1,308	1,767	1,663	1,583	1,555	1,669	1,763	1,977	1,829
Percent of total unemployed	26.8	22.3	23.8	25.5	25.3	21.9	21.3	18.5	17.1
Male	711	966	874	813	811	913	962	1,090	1,003
Female	598	802	789	769	743	755	800	886	825
White	1,021	1,413	1,284	1,189	1,193	1,291	1,374	1,534	1,387
Black	279	330	354	360	333	349	357	396	392
20–24 years old [1]	1,132	1,865	1,629	1,483	1,442	1,835	1,976	2,392	2,330
Percent of total unemployed	23.2	23.5	23.3	23.9	23.5	24.0	23.9	22.4	21.7
Male	628	1,081	877	768	744	1,076	1,144	1,407	1,389
Female	503	783	752	714	697	760	833	985	961
White	887	1,473	1,196	1,058	1,038	1,364	1,449	1,770	1,678
Black	226	362	397	379	369	425	483	565	591
25–44 years old	1,454	2,727	2,435	2,116	2,151	2,964	3,276	4,589	4,728
Percent of total unemployed	29.8	34.4	34.8	34.1	35.0	38.8	39.6	43.0	44.1
Male	750	1,493	1,242	1,005	1,028	1,619	1,765	2,670	2,769
Female	706	1,235	1,194	1,112	1,123	1,345	1,511	1,919	1,958
45–64 years old	878	1,413	1,116	897	886	1,075	1,159	1,613	1,716
Percent of total unemployed	18.0	17.8	16.0	14.5	14.4	14.1	14.0	15.1	16.0
Male	499	801	578	475	468	600	651	943	1,046
Female	378	612	538	422	418	475	508	670	671
65 years and over	111	155	147	123	104	94	98	107	114
Unemployment rate (percent): [3]									
All workers [1]	5.6	8.5	7.1	6.1	5.8	7.1	7.6	9.7	9.6
White	5.1	7.8	6.2	5.2	5.1	6.3	6.7	8.6	8.4
Male	4.5	7.2	5.5	4.6	4.5	6.1	6.5	9.9	8.8
Female	5.9	8.6	7.3	6.2	5.9	6.5	6.9	9.4	7.9
Black	10.4	14.8	14.0	12.8	12.3	14.3	15.6	18.9	19.5
Ratio to White	2.0	1.9	2.3	2.5	2.4	2.3	2.3	2.2	2.3
Male	9.3	14.8	13.3	11.8	11.4	14.5	15.7	20.1	20.3
Female	11.8	14.8	14.9	13.8	13.3	14.0	15.6	17.6	18.6
Men, 20 years old and over	4.0	6.8	5.2	4.3	4.2	5.9	6.3	8.8	8.9
Women, 20 years old and over	5.4	8.0	7.0	6.0	5.7	6.4	6.8	8.3	8.1
Women maintaining families	7.2	10.0	9.4	8.5	8.3	9.2	10.4	11.7	12.2
Married men, wife present [1]	2.8	5.1	3.6	2.8	2.8	4.2	4.3	6.5	6.5
White	2.6	4.8	3.4	2.6	2.5	3.9	4.0	6.0	6.0
Black	4.5	8.7	6.3	5.0	5.3	7.4	8.6	11.5	11.3
Teenagers (16–19 yr. old) [1]	16.2	19.9	17.8	16.4	16.1	17.8	19.6	23.2	22.4
White	14.2	17.9	15.4	13.9	14.0	15.5	17.3	20.4	19.3
Black	35.4	39.5	41.1	38.7	36.5	38.5	41.4	48.0	48.5
Experienced workers [4]	5.3	8.2	6.6	5.6	5.5	6.9	7.3	9.3	9.2
Percent without work for—									
4 weeks or less	45.9	37.1	41.8	46.2	48.1	43.1	41.7	36.4	33.3
5–10 weeks	22.5	22.2	22.0	22.6	23.4	23.4	22.4	21.7	19.4
11–14 weeks	7.6	9.1	8.5	8.3	8.3	9.0	8.3	9.4	8.0
15–26 weeks	12.3	16.4	13.1	12.4	11.5	13.8	13.6	16.0	15.4
Over 26 weeks	11.6	15.2	14.7	10.4	8.7	10.7	14.0	16.6	23.9
Unemployment duration, average (weeks)	12.1	14.2	14.3	11.9	10.8	11.9	13.7	15.6	20.0
Unemployment insurance: [5]									
Insured unemployed, average [6]	1,848	3,986	2,655	2,359	2,434	3,350	3,047	4,061	3,396
Percent of covered employment	3.5	6.0	3.9	3.3	2.9	3.9	3.5	4.6	3.9
Initial claims, weekly average [7]	261	478	375	346	388	488	460	583	438
Claimants exhausting benefits	1,809	4,195	2,850	2,039	2,037	3,072	2,989	4,175	4,180
Percent of first payment claims	29.2	37.8	33.2	26.7	25.2	30.7	32.4	38.5	38.4
Average duration of benefits (weeks)	14.2	15.7	14.2	13.3	13.1	14.9	14.5	15.9	17.5

[1] Includes other races, not shown separately. [2] Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours. [3] Unemployed as percent of civilian labor force in specified group. [4] Wage and salary workers. [5] Source: U.S. Employment and Training Administration. State programs only. Includes Puerto Rico and, beginning 1978, Virgin Islands. See table 634. [6] Workers reporting completion of at least 1 week of unemployment. [7] Notices by workers to indicate they are starting periods of unemployment.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

NO. 681. UNEMPLOYED PERSONS, BY SEX AND REASON: 1970 TO 1983

[**In thousands of civilian persons 16 years old and over.** Annual averages of monthly figures]

SEX AND REASON UNEMPLOYED	1970	1973	1974	1975	1977	1978	1979	1980	1981	1982	1983
Total	4,093	4,365	5,156	7,929	6,991	6,202	6,137	7,637	8,273	10,678	10,717
Job losers	1,811	1,694	2,242	4,386	3,166	2,585	2,635	3,947	4,267	6,268	6,258
Job leavers	550	683	768	827	909	874	880	891	923	840	830
Reentrants	1,228	1,340	1,483	1,892	1,963	1,857	1,806	1,927	2,102	2,384	2,412
New entrants	504	649	681	823	953	885	817	872	981	1,185	1,216
Male	2,238	2,275	2,714	4,442	3,667	3,142	3,120	4,267	4,577	6,179	6,260
Job losers	1,199	1,099	1,462	2,909	2,021	1,622	1,667	2,649	2,821	4,278	4,331
Job leavers	282	338	371	375	413	419	427	438	435	390	386
Reentrants	533	536	589	782	794	706	673	776	850	948	953
New entrants	224	301	295	377	441	394	352	405	472	565	589
Female	1,855	2,089	2,441	3,486	3,324	3,061	3,018	3,370	3,696	4,499	4,457
Job losers	614	593	781	1,478	1,145	964	968	1,297	1,446	1,990	1,926
Job leavers	267	345	398	452	496	455	453	454	488	450	444
Reentrants	696	803	875	1,110	1,170	1,151	1,133	1,151	1,252	1,438	1,459
New entrants	279	346	388	447	513	491	465	468	509	621	627

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, and Bulletin 2096.

NO. 682. UNEMPLOYMENT RATE BY SEX, RACE, AND EDUCATIONAL ATTAINMENT: 1965 TO 1984

[**In percent.** Persons 16 years old and over for 1975 and later years; 18 and over for 1965 and 1970. As of **March.** Based on Current Population Survey, see Appendix III]

ITEM	1965	1970	1975	1978	1979	1980	1981	1982	1983	1984
Male: Total [1]	4.4	3.7	9.0	6.3	5.8	6.8	8.1	10.3	11.9	8.6
High school: 1–3 years	6.7	5.6	14.7	12.1	11.9	12.8	15.6	19.4	21.4	17.6
4 years	3.4	3.4	9.1	5.9	5.5	6.9	8.8	11.3	13.6	9.4
College: 1–3 years	3.1	3.8	6.6	4.3	4.3	5.0	5.2	7.5	9.3	5.7
4 years or more	1.4	1.3	2.5	2.2	1.9	1.8	2.1	3.2	3.6	2.8
Female: Total [1]	5.3	4.9	9.5	7.0	6.6	6.7	7.6	8.9	9.7	7.7
High school: 1–3 years	8.6	7.4	15.9	12.9	12.7	13.3	15.0	16.0	19.6	16.2
4 years	5.0	4.6	9.1	6.6	6.1	6.4	7.4	9.2	9.7	7.6
College: 1–3 years	3.6	4.0	7.4	5.1	4.3	4.9	5.0	6.1	6.8	6.1
4 years or more	1.3	2.0	3.6	3.0	3.0	2.5	3.0	3.3	4.0	2.7
White: Total [1]	4.3	3.9	8.5	5.8	5.4	6.0	7.0	8.6	9.7	7.2
High school: 1–3 years	6.4	5.7	14.0	10.7	10.9	11.6	13.5	17.0	19.0	15.2
4 years	3.7	3.6	8.4	5.5	5.0	5.9	7.2	9.1	10.3	7.4
College: 1–3 years	(NA)	3.7	6.6	4.1	3.8	4.4	4.4	5.8	7.0	5.1
4 years or more	(NA)	1.5	2.8	2.3	2.1	1.9	2.3	2.9	3.4	2.6
Black: Total [1]	8.5	6.7	14.7	13.2	12.6	13.4	15.9	18.9	21.0	17.2
High school: 1–3 years	13.5	9.5	22.0	21.6	19.6	20.5	24.7	24.1	29.5	27.3
4 years	8.2	7.2	15.2	12.7	12.8	13.1	16.4	20.7	22.8	18.3
College: 1–3 years	(NA)	6.1	10.1	10.4	8.8	10.8	11.8	15.8	17.3	12.0
4 years or more	(NA)	1.4	3.9	4.7	4.2	4.4	4.0	8.3	8.5	6.3
Hispanic origin: [2] Total [1]	(NA)	(NA)	12.8	9.5	8.7	9.2	11.2	13.4	16.3	11.6
High school: 1–3 years	(NA)	(NA)	18.4	14.0	14.6	14.3	17.0	21.8	23.9	18.4
4 years	(NA)	(NA)	10.5	7.4	8.2	7.1	9.7	11.4	14.4	9.6
College: 1–3 years	(NA)	(NA)	7.9	7.3	6.5	5.9	6.3	7.1	10.9	7.2
4 years or more	(NA)	(NA)	3.6	7.3	3.6	3.7	2.8	4.9	6.8	3.5

NA Not available. [1] Includes persons reporting no school years completed and elementary completed.
[2] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics,* annual.

NO. 683. UNEMPLOYMENT RATE, BY INDUSTRY, 1975 TO 1983, AND BY SEX, 1980 AND 1983

[**Civilian persons 16 years old and over.** Rate represents unemployment as a percent of labor force in each specified group. Annual averages of monthly figures. Data for 1983 not strictly comparable with earlier years due to changes in industrial classification]

INDUSTRY	1975	1979	1980	1981	1982	1983	MALE		FEMALE	
							1980	1983	1980	1983
All unemployed [1]	8.5	5.8	7.1	7.6	9.7	9.6	6.9	9.9	7.4	9.2
Industry: [2]										
Agriculture	10.3	9.1	11.0	12.2	14.7	16.0	9.7	15.2	15.1	18.7
Mining	4.1	4.9	6.4	6.0	13.4	17.0	6.8	18.5	4.5	9.3
Construction	18.0	10.3	14.1	15.6	20.0	18.4	14.7	19.0	8.8	12.2
Manufacturing	10.9	5.6	8.5	8.3	12.3	11.2	7.4	10.8	10.7	12.2
Transportation and public utilities	5.6	3.7	4.9	5.2	6.8	7.4	5.1	8.2	4.4	5.4
Wholesale and retail trade	8.7	6.5	7.4	8.1	10.0	10.0	6.6	9.1	8.3	11.0
Finance, insurance, and real estate	4.9	3.0	3.4	3.5	4.7	4.5	3.2	4.3	3.5	4.6
Service industries	7.1	5.5	5.9	6.6	7.6	7.9	6.2	8.7	5.7	7.4
Government	4.1	3.7	4.1	4.7	4.9	5.3	3.8	5.5	4.3	5.2

[1] Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.
[2] Covers unemployed wage and salary workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 684. Unemployment and Unemployment Rate by Occupation: 1982 and 1983, and by Sex, 1983

[Civilians 16 years old and over. Rate represents unemployment as a percent of the labor force in each specified group. For 1983, annual averages of monthly data; 1982 data estimated, see text page 388]

Occupation	Number (1,000)		Unemployment rate			
	1982	1983	1982	1983		
				Total	Male	Female
Total [1]	**10,678**	**10,717**	**9.7**	**9.6**	**9.9**	**9.2**
Managerial and professional specialty	789	795	3.3	3.3	3.0	3.6
Executive administrative, and managerial	398	396	3.6	3.5	3.1	4.5
Professional specialty	391	399	3.0	3.0	2.9	3.1
Technical sales, and administrative support	2,014	2,116	6.1	6.3	5.4	6.8
Technicians and related support	135	152	4.3	4.7	5.3	4.1
Sales occupations	743	850	6.2	6.7	4.7	8.8
Administrative support, including clerical	1,136	1,114	6.4	6.4	6.8	6.3
Service occupations	1,628	1,697	10.8	10.9	11.1	10.8
Private household	69	79	6.2	7.4	(B)	7.4
Protective service	116	120	6.7	6.7	6.2	9.8
Service except private household and protective	1,444	1,498	11.8	11.8	12.8	11.2
Precision production, craft, and repair	1,403	1,466	10.6	10.6	10.7	9.8
Mechanics and repairers	316	344	7.5	7.6	7.6	7.6
Construction trades	714	709	15.3	14.2	14.2	14.1
Other precision production, craft, and repair	372	412	8.7	9.6	9.6	9.7
Operators, fabricators, and laborers	3,314	2,955	16.7	15.5	15.5	15.5
Machine operators, assemblers, inspectors	1,623	1,411	17.1	15.4	15.2	15.7
Transportation and material moving occupations	626	596	13.0	12.4	12.6	10.4
Handlers, equipment cleaners, helpers, laborers	1,066	948	19.2	18.6	19.0	16.7
Construction laborers	220	207	28.2	25.8	25.5	(B)
Farming, forestry, and fishing	349	407	8.5	9.9	9.6	11.5

B Base is less than 35,000. [1] Includes persons with no previous work experience, and beginning in 1983, those whose last job was in the Armed Forces.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 685. Unemployed Persons by Length of Unemployment and Selected Characteristic: 1980 and 1983

[Annual averages of monthly figures for persons 16 years old and over. Based on Current Population Survey; see Appendix III. Industry data for 1983 not strictly comparable to 1980 due to changes in classifications]

Characteristic	Total unemployed (1,000)		Unemployed 5 weeks or less				Unemployed 15 weeks or longer			
			Total (1,000)		Percent of unemployed		Total (1,000)		Percent of unemployed	
	1980	1983	1980	1983	1980	1983	1980	1983	1980	1983
Total	**7,637**	**10,717**	**3,295**	**3,570**	**43.2**	**33.3**	**1,871**	**4,210**	**24.5**	**39.3**
Male	4,267	6,260	1,664	1,773	39.0	28.3	1,193	2,791	28.0	44.6
Female	3,370	4,457	1,631	1,796	48.4	40.3	678	1,419	20.1	31.8
White	5,884	8,128	2,580	2,729	43.9	33.6	1,396	3,140	23.7	38.6
Black	1,553	2,272	627	725	40.4	31.9	429	962	27.6	42.3
Hispanic origin [1]	575	1,124	265	317	46.1	28.2	124	271	21.6	24.1
Occupation:										
Managerial and professional specialty	(X)	795	(X)	239	(X)	30.1	(X)	340	(X)	42.7
Technical/sales/administrative	(X)	2,116	(X)	760	(X)	35.9	(X)	774	(X)	36.6
Service	(X)	1,697	(X)	633	(X)	37.3	(X)	584	(X)	34.5
Precision production, craft, and repair	(X)	1,466	(X)	397	(X)	27.1	(X)	669	(X)	45.6
Operators, fabricators, laborers	(X)	2,955	(X)	816	(X)	27.6	(X)	1,401	(X)	47.4
Farming, forestry, fishing	(X)	407	(X)	164	(X)	40.2	(X)	112	(X)	27.5
Industry: [2]										
Agriculture	175	300	86	124	48.8	41.3	29	75	16.8	25.1
Construction	770	1,044	300	305	38.9	29.2	203	424	26.4	40.7
Manufacturing	1,995	2,461	735	600	36.8	24.4	633	1,292	31.7	52.5
Durable goods	1,256	1,567	433	333	34.5	21.3	429	904	34.2	57.7
Nondurable goods	739	894	301	267	40.8	29.9	203	389	27.5	43.4
Transportation and public utilities	315	475	125	132	39.6	27.8	93	219	29.7	46.2
Wholesale and retail trade	1,452	2,122	652	782	44.9	36.9	313	744	21.6	35.1
Fixnce and service industries	1,614	2,372	749	854	46.4	36.0	345	857	21.4	36.2
Public administration	249	320	100	98	40.3	30.8	69	127	27.9	39.4
No previous work experience	873	1,218	458	545	52.5	44.7	195	304	16.0	24.9

X *Not applicable.* [1] *Persons of Hispanic origin* may be of any race. [2] Wage and salary workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly and unpublished data.

No. 686. Total Unemployed and Insured Unemployed—States: 1979 to 1983

[**Civilian population 16 years old and over.** Annual averages of monthly figures. Total unemployment estimates based on the Current Population Survey (CPS); see text, p. 2. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals]

Division and State	Total unemployed [1]										Insured unemployed			
	Number (1,000)					Percent [2]					Number (1,000)		Percent [3]	
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	1982	1983	1982	1983
U.S.	**6,137**	**7,637**	**8,273**	**10,678**	**10,717**	**5.8**	**7.1**	**7.6**	**9.7**	**9.6**	**3,998**	**3,347**	**4.6**	**3.9**
N. Eng.: ME	36	39	37	44	48	7.2	7.8	7.2	8.6	9.0	18.5	17.5	4.7	4.5
NH	14	22	24	36	27	3.1	4.7	5.0	7.4	5.4	10.7	8.4	2.8	2.2
VT	12	16	15	18	18	5.1	6.4	5.7	6.9	6.9	10.0	8.2	5.0	4.3
MA	159	162	188	239	205	5.5	5.6	6.4	7.9	6.9	99.4	81.7	3.9	3.2
RI	31	34	36	49	40	6.6	7.2	7.6	10.2	8.3	22.8	17.6	5.9	4.7
CT	80	94	98	111	97	5.1	5.9	6.2	6.9	6.0	47.5	39.8	3.4	2.9
Mid. Atl.: NY	570	597	613	687	689	7.1	7.5	7.6	8.6	8.6	267.6	246.2	3.8	3.5
NJ	246	259	262	325	287	6.9	7.2	7.3	9.0	7.8	138.8	115.1	4.7	3.9
PA	370	425	458	599	651	6.9	7.8	8.4	10.9	11.8	292.3	259.0	6.6	6.0
E. No. Cent.: OH	298	426	492	640	622	5.9	8.4	9.6	12.5	12.2	237.9	166.4	5.9	4.3
IN	169	252	264	310	286	6.4	9.6	10.1	11.9	11.1	94.9	71.5	4.9	3.7
IL	298	458	474	632	640	5.5	8.3	8.5	11.3	11.4	244.9	210.4	5.5	4.9
MI	335	534	529	661	610	7.8	12.4	12.3	15.5	14.2	230.6	143.9	7.2	4.8
WI	106	167	185	261	254	4.5	7.2	7.8	10.7	10.4	107.2	85.3	5.9	4.7
W. No. Cent.: MN	85	125	119	169	178	4.2	5.9	5.5	7.8	8.2	67.7	51.3	4.1	3.2
IA	59	82	99	121	116	4.1	5.8	6.9	8.5	8.1	45.8	36.8	4.4	3.7
MO	104	167	179	214	233	4.5	7.2	7.7	9.2	9.9	78.8	64.8	4.3	3.6
ND	11	15	16	18	18	3.7	5.0	5.0	5.9	5.6	8.0	8.1	3.6	3.7
SD	12	16	17	18	18	3.5	4.9	5.1	5.5	5.4	4.9	3.6	2.3	1.8
NE	25	31	32	48	45	3.2	4.1	4.1	6.1	5.7	16.1	15.3	2.7	2.7
KS	39	53	50	74	72	3.4	4.5	4.2	6.3	6.1	35.6	27.1	4.0	3.1
So. Atl.: DE	23	22	23	25	24	8.0	7.7	7.9	8.5	8.1	8.9	6.6	3.5	2.6
MD	125	140	157	183	153	5.9	6.5	7.3	8.4	6.9	66.0	54.0	4.2	3.5
DC	25	24	28	33	38	7.5	7.3	9.0	10.6	11.7	14.4	11.9	3.9	3.3
VA	119	128	158	204	165	4.7	5.0	6.1	7.7	6.1	49.5	33.7	2.6	1.8
WV	53	74	84	107	139	6.7	9.4	10.7	13.9	18.0	41.7	43.2	7.1	7.6
NC	134	187	188	266	262	4.8	6.6	6.4	9.0	8.9	106.9	69.2	4.6	3.1
SC	69	96	119	161	148	5.0	6.9	8.4	10.8	10.0	62.3	40.1	5.5	3.6
GA	125	163	165	207	202	5.1	6.4	6.4	7.8	7.5	70.3	51.5	3.4	2.5
FL	248	251	307	386	421	6.0	5.9	6.8	8.2	8.6	90.3	76.7	2.5	2.1
E. So. Cent.: KY	89	133	140	178	198	5.6	8.0	8.4	10.6	11.7	64.5	52.4	5.8	4.9
TN	119	152	193	252	251	5.8	7.3	9.1	11.8	11.5	82.0	61.2	5.0	3.8
AL	119	147	178	247	241	7.1	8.8	10.7	14.4	13.7	67.3	54.2	5.4	4.5
MS	59	79	88	117	135	5.8	7.5	8.3	11.0	12.6	44.5	37.5	5.8	5.1
W. So. Cent.: AR	61	76	94	99	104	6.2	7.6	9.1	9.8	10.1	39.5	31.6	5.6	4.6
LA	115	121	156	192	225	6.7	6.7	8.4	10.3	11.8	69.7	80.7	4.5	5.3
OK	45	66	52	83	140	3.4	4.8	3.6	5.7	9.0	33.5	34.0	3.0	3.0
TX	273	352	373	505	609	4.2	5.2	5.3	6.9	8.0	122.3	144.6	2.1	2.4
Mt.: MT	19	23	27	34	35	5.1	6.1	6.9	8.6	8.8	13.1	11.9	5.2	4.8
ID	25	34	32	43	45	5.7	7.9	7.6	9.8	9.8	21.3	16.3	7.0	5.6
WY	6	9	10	15	22	2.8	4.0	4.1	5.8	8.4	7.5	9.4	3.6	4.6
CO	66	86	84	122	110	4.8	5.9	5.5	7.7	6.6	36.7	38.7	3.0	3.0
NM	36	42	42	54	62	6.6	7.5	7.3	9.2	10.1	16.1	17.1	3.8	4.0
AZ	58	83	78	131	125	5.1	6.7	6.1	9.9	9.1	40.2	31.1	4.0	3.1
UT	26	40	43	52	64	4.3	6.3	6.7	7.8	9.2	23.0	19.9	4.7	4.0
NV	20	27	33	49	48	5.1	6.2	7.1	10.1	9.8	18.5	15.6	4.6	4.0
Pac.: WA	131	157	189	244	230	6.8	7.9	9.5	12.1	11.2	100.1	84.1	6.5	5.7
OR	85	108	132	152	145	6.8	8.3	9.9	11.5	10.8	67.1	50.2	7.0	5.6
CA	702	790	874	1,211	1,192	6.2	6.8	7.4	9.9	9.7	516.7	467.1	5.2	4.8
AK	17	18	18	21	24	9.2	9.7	9.3	9.9	10.3	11.1	11.4	6.8	6.4
HI	26	21	24	31	30	6.3	4.9	5.4	6.7	6.5	13.4	13.0	3.5	3.4

[1] Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual; and unpublished data. [2] Total unemployment as percent of civilian labor force. [3] Insured unemployment as percent of average covered employment in the previous year.

Source: Except as noted, U.S. Employment and Training Administration, *Employment and Training Report of the Secretary*, annual.

No. 687. U.S. Employment Service Job Openings and Placements, and Index of Help-Wanted Advertising: 1970 to 1983

[**In thousands, except as indicated.** Openings and placements. For years ending **Sept. 30**]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Job openings: [1] Received	6,130	7,889	7,668	8,396	9,534	9,477	8,122	7,548	6,150	6,494
Average per month	511	657	639	699	795	789	677	629	513	541
Nonagricultural placements [1]	4,604	4,374	5,234	5,544	6,248	6,349	5,610	3,509	2,804	3,012
Index of help-wanted advertising in newspapers [2] (1967=100)	93	80	95	116	150	158	129	119	86	96

[1] As reported by State employment agencies. [2] Source: The Conference Board, New York, NY. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of 51 newspapers, each in a major employment area.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

No. 688. Nonagricultural Establishments—Employees, Hours, and Earnings, by Industry: 1960 to 1984

[Based on data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, private household workers, and Armed Forces. Establishment data shown here conform to industry definitions in 1972 Standard Industrial Classification Manual and are adjusted to March 1983 employment benchmarks; consequently, may not be comparable with previously published data. Based on a Current Employment Statistics Program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 127-141 and D 803, 878, 881, 884, and 890]

Item and year	Total	Nonagricultural establishments									Grouped industries	
		Manufacturing	Wholesale trade	Retail trade	Government	Services	Transportation and public utilities	Finance, insurance and real estate	Construction	Mining	Goods-related [1]	Service-related and all other
EMPLOYEES (1,000)												
1960	54,189	16,796	3,143	8,248	8,353	7,378	4,004	2,629	2,926	712	20,434	33,755
1965	60,765	18,062	3,466	9,250	10,074	9,036	4,036	2,977	3,232	632	21,926	38,839
1970	70,880	19,367	3,993	11,047	12,554	11,548	4,515	3,645	3,588	623	23,578	47,302
1975	76,945	18,323	4,415	12,645	14,686	13,892	4,542	4,165	3,525	752	22,600	54,345
1978	86,697	20,505	4,969	14,573	15,672	16,252	4,923	4,724	4,229	851	25,585	61,113
1979	89,823	21,040	5,204	14,989	15,947	17,112	5,136	4,975	4,463	958	26,461	63,363
1980	90,406	20,285	5,275	15,035	16,241	17,890	5,146	5,160	4,346	1,027	25,658	64,748
1981	91,156	20,170	5,358	15,189	16,031	18,619	5,165	5,298	4,188	1,139	25,497	65,659
1982	89,566	18,781	5,278	15,179	15,837	19,036	5,082	5,341	3,905	1,128	23,813	65,752
1983	90,138	18,497	5,259	15,545	15,851	19,665	4,958	5,467	3,940	957	23,394	66,744
1984, June [2]	94,019	19,630	5,511	16,193	15,836	20,664	5,160	5,665	4,363	997	24,990	69,029
PERCENT DISTRIBUTION												
1960	100.0	31.0	5.8	15.2	15.4	13.6	7.4	4.9	5.4	1.3	37.7	62.3
1965	100.0	29.7	5.7	15.2	16.6	14.9	6.7	4.9	5.3	1.0	36.1	63.9
1970	100.0	27.3	5.6	15.6	17.7	16.3	6.4	5.1	5.1	.9	33.3	66.7
1975	100.0	23.8	5.7	16.4	19.1	18.0	5.9	5.4	4.6	1.0	29.4	70.6
1978	100.0	23.7	5.7	16.8	18.1	18.7	5.7	5.4	4.9	1.0	29.5	70.5
1979	100.0	23.4	5.8	16.7	17.8	19.0	5.7	5.5	5.0	1.1	29.5	70.5
1980	100.0	22.4	5.8	16.6	18.0	19.8	5.7	5.7	4.8	1.1	28.4	71.6
1981	100.0	22.1	5.9	16.7	17.6	20.4	5.7	5.8	4.6	1.3	28.0	72.0
1982	100.0	21.0	5.9	16.9	17.7	21.3	5.7	6.0	4.4	1.3	26.6	73.4
1983	100.0	20.5	5.8	17.2	17.6	21.8	5.5	6.1	4.4	1.1	26.0	74.0
1984, June [2]	100.0	20.9	5.9	17.2	16.8	22.0	5.5	6.0	4.6	1.1	26.6	73.4
AVERAGE WEEKLY HOURS [3]												
1960	38.6	39.7	40.5	38.0	(NA)	(NA)	(NA)	37.2	36.7	40.4		
1965	38.8	41.2	40.8	36.6	(NA)	35.9	41.3	37.2	37.4	42.3		
1970	37.1	39.8	39.9	33.8	(NA)	34.4	40.5	36.7	37.3	42.7		
1975	36.1	39.5	38.7	32.4	(NA)	33.5	39.7	36.5	36.4	41.9		
1978	35.8	40.4	38.8	31.0	(NA)	32.8	40.0	36.4	36.8	43.4	(NA)	(NA)
1979	35.7	40.2	38.8	30.6	(NA)	32.7	39.9	36.2	37.0	43.0		
1980	35.3	39.7	38.5	30.2	(NA)	32.6	39.6	36.2	37.0	43.3		
1981	35.2	39.8	38.5	30.1	(NA)	32.6	39.4	36.3	36.9	43.7		
1982	34.8	38.9	38.3	29.9	(NA)	32.6	39.0	36.2	36.7	42.7		
1983	35.0	40.1	38.5	29.8	(NA)	32.7	39.0	36.2	37.2	42.5		
1984, June [2]	35.3	40.5	38.6	30.1	(NA)	32.8	39.3	(NA)	(NA)	(NA)		
AVERAGE WEEKLY EARNINGS [3]												
1960	$81	$90	$91	$58	(NA)	(NA)	(NA)	$75	$113	$105		
1965	95	108	106	67	(NA)	$74	$125	89	139	124		
1970	120	133	137	82	(NA)	97	156	113	195	164		
1975	164	191	183	109	(NA)	135	233	148	266	249		
1978	204	249	228	130	(NA)	164	303	178	319	333	(NA)	(NA)
1979	220	269	248	139	(NA)	175	326	191	343	365		
1980	235	289	268	147	(NA)	191	351	210	368	397		
1981	255	318	291	158	(NA)	209	382	229	399	439		
1982	267	330	310	164	(NA)	226	402	245	427	460		
1983	281	354	329	171	(NA)	239	421	264	443	479		
1984, June [2]	294	371	343	178	(NA)	249	437	275	457	512		
AVERAGE HOURLY EARNINGS												
1960	$2.09	$2.26	$2.24	$1.52	(NA)	(NA)	(NA)	$2.02	$3.07	$2.60		
1965	2.46	2.61	2.61	1.82	(NA)	$2.05	$3.03	2.39	3.70	2.92		
1970	3.23	3.35	3.44	2.44	(NA)	2.81	3.85	3.07	5.24	3.85		
1975	4.53	4.83	4.73	3.36	(NA)	4.02	5.88	4.06	7.31	5.95		
1978	5.69	6.17	5.88	4.20	(NA)	4.99	7.57	4.89	8.66	7.67	(NA)	(NA)
1979	6.16	6.70	6.39	4.53	(NA)	5.36	8.16	5.27	9.27	8.49		
1980	6.66	7.27	6.96	4.88	(NA)	5.85	8.87	5.79	9.94	9.17		
1981	7.25	7.99	7.56	5.25	(NA)	6.41	9.70	6.31	10.82	10.04		
1982	7.68	8.49	8.09	5.48	(NA)	6.92	10.32	6.78	11.63	10.77		
1983	8.02	8.83	8.54	5.74	(NA)	7.30	10.80	7.29	11.92	11.27		
1984, June [2]	8.31	9.14	8.90	5.89	(NA)	7.59	11.12	7.53	12.07	(NA)		

NA Not available. [1] Mining, construction, and manufacturing. [2] Preliminary. Seasonally adjusted for payroll period including the 12th of the month. [3] See headnote, table 694.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 689. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—STATES: 1975 TO 1983

[**In thousands.** For coverage, see headnote, table 688. National totals differ from the sum of the State figures because of differing benchmarks among States and differing industrial and geographic stratification. Based on 1972 *Standard Industrial Classification Manual*, see text, p. 388. For composition of divisions, see fig. I, inside front cover]

DIVISION AND STATE	1975, total	1980, total	1981, total	1982, total	1983							
					Total [1]	Construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services	Government
U.S	**76,945**	**90,406**	**91,156**	**89,566**	**90,138**	**3,940**	**18,497**	**4,958**	**20,805**	**5,467**	**19,665**	**15,851**
N. Eng	**4,657**	**5,481**	**5,526**	**5,471**	**5,541**	**196**	**1,410**	**234**	**1,226**	**358**	**1,330**	**782**
ME	357	418	419	416	421	17	108	18	94	18	84	83
NH [2]	293	385	395	394	408	24	113	15	94	22	85	56
VT	162	200	204	203	205	11	47	9	43	9	49	36
MA	2,273	2,652	2,668	2,638	2,671	81	624	118	602	170	706	369
RI	349	398	401	391	393	11	115	13	83	21	93	57
CT	1,223	1,427	1,439	1,430	1,442	53	402	61	311	118	314	182
Mid. Atl	**13,966**	**15,021**	**15,114**	**14,925**	**14,953**	**506**	**3,106**	**850**	**3,214**	**1,101**	**3,632**	**2,495**
NY	6,830	7,207	7,287	7,255	7,285	228	1,299	409	1,493	686	1,869	1,294
NJ	2,700	3,060	3,098	3,091	3,149	112	712	201	728	172	692	528
PA	4,436	4,753	4,729	4,580	4,519	166	1,095	240	993	242	1,071	672
E. No. Cent	**15,190**	**16,728**	**16,452**	**15,805**	**15,627**	**484**	**3,959**	**782**	**3,584**	**879**	**3,292**	**2,576**
OH	4,016	4,367	4,318	4,124	4,084	129	1,067	197	923	210	875	658
IN	1,942	2,130	2,114	2,028	2,007	70	577	101	459	101	361	329
IL	4,419	4,850	4,732	4,593	4,501	145	951	262	1,085	321	1,014	700
MI	3,137	3,443	3,364	3,193	3,186	86	881	137	691	151	656	576
WI [3]	1,677	1,938	1,923	1,867	1,849	55	483	85	427	97	386	314
W. No. Cent	**5,985**	**6,905**	**6,864**	**6,682**	**6,659**	**258**	**1,235**	**406**	**1,654**	**386**	**1,420**	**1,255**
MN	1,474	1,770	1,761	1,707	1,714	60	345	92	429	101	392	287
IA	999	1,110	1,089	1,042	1,022	36	200	50	261	60	210	204
MO	1,741	1,970	1,956	1,922	1,917	75	400	131	456	110	411	328
ND	204	245	249	250	249	17	15	16	66	12	56	61
SD	209	238	236	230	233	8	26	12	62	12	53	57
NE	558	628	623	610	609	22	85	43	157	42	126	132
KS	801	945	950	921	916	39	165	61	225	49	173	185
So. Atl	**12,104**	**14,695**	**14,899**	**14,760**	**15,088**	**812**	**2,907**	**834**	**3,466**	**837**	**3,160**	**3,032**
DE	230	259	259	259	266	16	68	12	58	16	105	44
MD	1,479	1,712	1,716	1,676	1,700	95	212	87	418	97	400	390
DC	577	616	611	598	596	10	14	26	59	34	192	260
VA	1,779	2,157	2,161	2,146	2,196	113	400	119	476	110	458	503
WV	575	646	629	608	581	22	90	39	126	22	105	128
NC	1,980	2,380	2,392	2,347	2,402	112	789	120	504	101	366	408
SC	983	1,189	1,196	1,162	1,182	69	362	54	237	51	177	230
GA	1,756	2,159	2,199	2,202	2,272	110	509	148	546	121	394	437
FL	2,746	3,576	3,737	3,762	3,893	264	464	230	1,043	286	963	633
E. So. Cent	**4,411**	**5,143**	**5,120**	**4,970**	**4,981**	**211**	**1,253**	**254**	**1,090**	**227**	**888**	**987**
KY	1,058	1,210	1,196	1,161	1,154	47	241	63	265	53	224	220
TN	1,506	1,747	1,757	1,706	1,720	70	470	84	390	81	322	297
AL	1,155	1,356	1,348	1,313	1,318	59	338	70	271	60	218	289
MS	692	829	819	791	789	35	203	38	164	34	125	181
W. So. Cent	**7,236**	**9,310**	**9,752**	**9,807**	**9,648**	**615**	**1,507**	**595**	**2,368**	**570**	**1,828**	**1,739**
AR	624	742	740	720	740	29	200	43	163	34	129	138
LA	1,250	1,579	1,631	1,607	1,564	114	180	118	368	83	305	317
OK	900	1,138	1,202	1,217	1,170	51	166	67	284	62	217	245
TX	4,463	5,851	6,180	6,263	6,174	420	961	368	1,553	391	1,178	1,040
Mt	**3,423**	**4,502**	**4,614**	**4,586**	**4,626**	**281**	**554**	**285**	**1,101**	**265**	**1,177**	**943**
MT	238	280	282	274	270	13	21	20	71	13	57	68
ID	273	330	328	312	317	13	51	19	79	23	60	68
WY	146	210	224	218	203	17	8	16	44	8	33	49
CO	964	1,251	1,295	1,317	1,322	82	180	84	325	86	287	242
NM	370	465	476	474	478	33	34	29	111	23	99	127
AZ	729	1,014	1,041	1,090	1,064	76	156	56	257	65	237	202
UT	440	551	558	561	566	29	85	36	133	28	224	129
NV	263	400	411	401	405	20	19	25	80	19	179	58
Pac	**10,415**	**13,079**	**13,217**	**12,953**	**13,087**	**496**	**2,425**	**727**	**3,112**	**855**	**3,013**	**2,399**
WA	1,226	1,608	1,612	1,569	1,579	72	277	88	394	92	327	327
OR	837	1,045	1,018	961	964	26	187	55	242	65	194	193
CA	7,847	9,852	9,996	9,824	9,928	360	1,927	535	2,328	656	2,350	1,725
AK	162	169	186	200	213	20	12	19	42	11	39	62
HI	343	405	405	399	403	18	22	31	106	32	104	91

[1] Includes mining, not shown separately. [2] Data for 1975 are not comparable with those for 1980 and subsequent years. [3] Adjusted to March 1981 benchmark levels.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

No. 690. Nonagricultural Industries—Number of Employees, and Number and Earnings of Production Workers: 1975 to 1983

[Annual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 688. See *Historical Statistics, Colonial Times to 1970*, series D 127-151, D 802-810, and D 877-892, for related data]

SIC [1] code	Industry	All employees, number (1,000)			Production workers					
					Number (1,000)			Average hourly earnings (dollars)		
		1975	1980	1983	1975	1980	1983	1975	1980	1983
(X)	**Total**	**76,945**	**90,406**	**90,138**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	**Private sector** [2]	**62,259**	**74,166**	**74,288**	**50,991**	**60,331**	**60,021**	**4.63**	**6.66**	**8.02**
(B)	**Mining**	**752**	**1,027**	**957**	**571**	**762**	**678**	**5.95**	**9.17**	**11.27**
10	Metal mining	94	98	57	73	74	41	6.13	10.26	12.57
11, 12	Coal mining	213	246	195	182	204	157	[3] 7.22	[3] 10.86	[3] 13.72
13	Oil and gas extraction	329	560	600	223	389	400	5.38	8.59	10.65
14	Nonmetallic minerals, except fuels	117	123	106	92	96	80	4.95	7.52	9.31
(C)	**Construction**	**3,525**	**4,346**	**3,940**	**2,808**	**3,421**	**3,026**	**7.31**	**9.94**	**11.92**
15	General building contractors	1,012	1,173	1,015	799	900	749	6.78	9.22	10.70
16	Heavy construction contractors	760	927	787	615	746	632	6.81	9.20	11.83
17	Special trade contractors	1,753	2,246	2,137	1,394	1,776	1,646	7.87	10.65	12.52
(D)	**Manufacturing**	**18,323**	**20,285**	**18,497**	**13,043**	**14,214**	**12,581**	**4.83**	**7.27**	**8.83**
(X)	**Durable goods**	**10,688**	**12,187**	**10,774**	**7,557**	**8,442**	**7,151**	**5.15**	**7.75**	**9.38**
24	Lumber and wood products, except furniture [4]	615	691	658	517	578	548	4.26	6.55	7.79
241	Logging camps and logging contractors	74	88	81	59	71	63	5.28	8.64	10.17
242	Sawmills and planing mills	202	215	194	180	190	172	4.34	6.70	8.19
243	Millwork, plywood, and structural members	166	200	200	137	164	165	4.26	6.41	7.64
244	Wood containers	39	43	38	34	37	32	3.37	4.95	5.55
25	Furniture and fixtures [4]	417	466	447	337	376	355	3.78	5.49	6.62
251	Household furniture	284	301	277	238	253	230	3.54	5.12	6.09
252	Office furniture	37	50	56	28	40	43	4.16	5.91	7.26
254	Partitions and fixtures	51	63	59	38	47	43	4.62	6.68	8.15
32	Stone, clay, and glass products [4]	629	662	573	499	513	436	4.92	7.50	9.27
321	Flat glass	18	18	16	14	14	12	6.08	9.65	12.42
322	Glass and glassware, pressed [5]	127	124	104	108	105	88	4.99	7.97	10.00
324	Cement, hydraulic	31	31	26	24	25	20	6.36	10.55	13.12
325	Structural clay products	46	46	36	39	34	27	4.01	6.14	7.35
326	Pottery and related products	43	46	39	36	38	31	4.13	6.26	7.80
327	Concrete, gypsum, and plaster products	190	204	185	148	157	141	4.99	7.45	9.07
33	Primary metal industries [4]	1,139	1,142	838	887	878	625	6.18	9.77	11.34
331	Blast furnace and basic steel products	548	512	343	428	396	258	6.94	11.39	12.89
332	Iron and steel foundries	230	209	142	190	167	108	5.45	8.20	9.91
333	Primary nonferrous metals	66	71	50	51	53	36	6.24	10.63	13.43
335	Nonferrous rolling and drawing	181	211	183	129	151	129	5.54	8.81	10.68
336	Nonferrous foundries	76	90	79	62	72	63	4.93	7.30	8.84
34	Fabricated metal products [4]	1,458	1,613	1,374	1,090	1,195	997	6.05	7.45	9.11
341	Metal cans and shipping containers	79	75	62	67	63	52	6.26	9.84	12.14
342	Cutlery, hand tools, and hardware	153	164	138	116	125	101	4.76	7.02	8.85
343	Plumbing and heating, exc. electric	61	70	61	43	50	43	4.50	6.52	8.12
344	Fabricated structural metal products	455	513	427	322	355	287	4.99	7.26	8.76
345	Screw machine products, bolts, etc	93	109	85	72	84	63	4.80	6.96	8.51
346	Metal forgings and stampings	249	264	228	198	207	181	5.65	8.56	10.44
35	Machinery, except electrical [4]	2,057	2,494	2,038	1,339	1,602	1,201	5.37	8.00	9.55
351	Engines and turbines	120	135	104	78	87	61	6.03	9.73	11.94
352	Farm and garden machinery	161	169	108	114	116	70	5.92	8.78	9.54
353	Construction and related machinery	342	389	251	230	255	143	5.62	8.60	10.27
354	Metalworking machinery	307	373	279	222	273	194	5.49	8.18	9.81
355	Special industry machinery	184	207	161	117	133	95	5.03	7.51	9.32
356	General industrial machinery	290	324	254	192	212	156	5.40	7.98	9.45
357	Office and computing machines	286	432	481	122	186	193	4.82	6.74	8.51
358	Refrigeration and service industry	144	174	160	97	120	110	4.91	7.23	9.22
36	Electric and electronic equipment [4]	1,702	2,091	2,024	1,091	1,328	1,229	4.64	6.94	8.65
361	Electric distributing equipment	114	123	108	79	86	77	4.84	6.96	8.32
362	Electrical industrial apparatus	212	240	197	148	169	136	4.69	7.12	8.75
363	Household appliances	161	163	140	124	129	109	4.60	6.95	8.56
364	Electric lighting and wiring equipment	181	209	187	136	156	137	4.35	6.42	8.06
365	Radio and TV receiving equipment	112	109	87	80	79	60	4.20	6.42	8.29
366	Communication equipment	457	541	573	221	267	261	5.25	7.93	10.28
367	Electronic components and access	338	554	586	207	334	345	3.01	6.05	7.54
37	Transportation equipment [4]	1,715	1,900	1,756	1,154	1,233	1,103	6.07	9.35	11.66
371	Motor vehicles and equipment	792	789	756	602	575	572	6.44	9.85	12.12
372	Aircraft and parts	514	652	579	271	355	282	6.00	9.28	11.83
373	Ship and boat building and repairs	194	221	189	160	176	143	5.23	8.22	10.00
374	Railroad equipment	57	71	30	44	53	19	6.02	9.93	11.86

See footnotes at end of table.

NO. 690. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1983—Continued

[See headnote, p. 412]

SIC [1] code	INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)			PRODUCTION WORKERS					
		Number (1,000)						Average hourly earnings (dollars)		
		1975	1980	1983	1975	1980	1983	1975	1980	1983
38	Instruments and related products	550	711	695	332	426	390	4.53	6.80	8.46
381	Engineering and scientific instruments	62	77	76	31	37	35	4.82	7.12	8.96
382	Measuring and controlling devices	170	245	234	103	154	137	4.43	6.85	8.42
383	Optical instruments and lenses	58	33	33	39	18	17	3.75	7.32	9.21
384	Medical instruments and supplies	109	156	169	74	101	103	4.02	5.80	7.38
385	Ophthalmic goods		44	39		31	27		5.30	6.38
386	Photographic equipment and supplies	121	135	125	61	67	61	5.70	8.63	11.08
387	Watches, clocks, and watchcases	30	22	16	24	17	11	3.69	5.24	6.33
39	Misc. manufacturing industries [4]	407	418	371	311	313	268	3.81	5.46	6.80
391	Jewelry, silverware, plated ware	52	56	53	38	40	38	4.00	5.76	7.28
394	Toys and sporting goods	116	117	108	90	88	78	3.48	5.01	6.26
395	Pens, pencils, office/art supplies	33	37	32	23	27	22	3.80	5.58	7.03
396	Costume jewelry and notions	57	51	37	46	41	29	3.29	4.71	5.70
(x)	**Nondurable goods**	7,635	8,098	7,724	5,485	5,772	5,430	4.37	6.55	8.08
20	Food and kindred products [4]	1,658	1,708	1,622	1,120	1,175	1,118	4.61	6.85	8.20
201	Meat products	336	358	346	274	298	288	4.80	6.99	7.42
202	Dairy products	194	175	164	99	96	94	4.60	6.86	8.52
203	Preserved fruits and vegetables	242	256	233	200	210	192	4.00	5.94	7.37
204	Grain mill products	138	144	131	95	99	89	4.95	7.67	9.60
205	Bakery products	232	225	215	132	131	128	4.67	7.21	8.89
206	Sugar and confectionery products	107	106	102	82	79	79	4.45	6.57	7.95
207	Fats and oils	41	44	40	29	32	30	4.82	7.03	8.77
208	Beverages	221	234	226	106	105	97	5.44	8.12	10.44
21	Tobacco manufactures	76	69	69	62	54	52	4.55	7.74	10.35
211	Cigarettes	44	46	47	36	35	36	5.55	9.23	12.50
22	Textile mill products [4]	868	848	744	752	737	641	3.42	5.07	6.18
221	Weaving mills, cotton	158	150	124	143	135	110	3.42	5.25	6.44
222	Weaving mills, synthetic	113	116	91	100	104	82	3.48	5.30	6.59
223	Weaving and finishing mills, wool	20	19	17	16	16	15	3.51	5.21	6.50
224	Narrow fabric mills	23	23	22	20	20	19	3.24	4.63	5.86
225	Knitting mills	225	220	204	193	191	177	3.29	4.76	5.67
226	Textile finishing, except wool	81	74	64	69	62	53	3.71	5.39	6.59
227	Floor covering mills	55	54	49	45	44	39	3.47	5.20	6.35
228	Yarn and thread mills	125	125	112	114	113	100	3.18	4.76	5.81
23	Apparel and other textile products [4]	1,243	1,264	1,164	1,067	1,079	984	3.17	4.56	5.37
231	Men's and boys' suits and coats	88	77	71	76	67	62	3.84	5.34	6.21
232	Men's and boys' furnishings	358	362	325	306	310	278	2.86	4.23	4.93
233	Women's and misses outerwear	404	417	388	352	360	328	3.23	4.61	5.31
234	Undergarments [6]	94	90	84	81	76	71	2.90	4.15	4.89
236	Children's outerwear	66	64	60	57	55	51	2.94	4.20	4.80
238	Misc. apparel, accessories	56	56	47	50	48	39	3.09	4.48	5.30
26	Paper and allied products	642	693	662	480	523	495	5.01	7.84	9.94
261, 2, 6	Paper and pulp mills	197	203	199	150	152	150	5.54	9.15	11.71
263	Paperboard mills	61	65	59	48	51	45	5.74	9.28	12.12
264	Misc. converted paper products	191	220	213	134	163	155	4.57	6.89	8.71
265	Paperboard containers and boxes	194	205	191	148	157	145	4.59	6.94	8.59
27	Printing and publishing [4]	1,083	1,252	1,296	624	699	710	5.38	7.53	9.11
271	Newspapers	377	420	428	168	164	161	5.81	7.74	9.22
272	Periodicals	68	90	100	12	16	22	5.13	7.16	9.56
273	Books	98	101	98	48	52	49	4.64	6.76	8.38
275	Commercial printing	348	414	437	262	307	319	5.46	7.85	9.40
278	Blankbooks and bookbinding	55	62	65	45	51	52	4.10	5.78	7.17
28	Chemicals and allied products [4]	1,015	1,107	1,047	580	626	581	5.39	8.30	10.59
281	Industrial inorganic chemicals	149	161	155	90	87	79	5.73	9.07	11.68
282	Plastics materials and synthetics	218	205	176	136	137	114	5.28	8.21	10.56
283	Drugs	167	196	200	84	97	98	5.18	7.69	9.72
284	Soap, cleaners, and toilet goods	122	141	143	73	86	90	5.15	7.67	9.66
285	Paints and allied products	62	65	60	38	33	29	5.01	7.39	9.33
287	Agricultural chemicals	65	72	61	42	45	37	4.93	8.12	10.24
29	Petroleum and coal products [4]	194	198	195	123	125	118	6.48	10.10	13.29
291	Petroleum refining	153	155	158	93	93	91	6.93	10.94	14.33
295	Paving and roofing materials	30	31	26	23	24	20	5.24	7.69	9.68
30	Rubber and misc. plastics products	608	727	718	465	559	556	4.39	6.52	7.99
301	Tires and inner tubes	124	115	96	90	81	69	5.63	9.74	12.35
31	Leather and leather products [4]	248	233	208	213	197	174	3.21	4.58	5.54
311	Leather tanning and finishing	22	19	19	19	16	16	4.28	6.10	7.45
314	Footwear except rubber	158	144	127	136	123	109	3.08	4.42	5.27
317	Handbags, personal leather goods	31	30	27	26	25	22	3.11	4.33	5.18

See footnotes at end of table.

NO. 690. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1983—Continued

[See headnote, p. 412]

SIC [1] code	INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)			PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
		1975	1980	1983	1975	1980	1983	1975	1980	1983
(E)	**Transp. and public utilities** [4]	**4,542**	**5,146**	**4,958**	**3,894**	**4,293**	**4,073**	**5.88**	**8.67**	**10.80**
40	Railroad transportation	548	532	377	(7)	(7)	(7)	(7)	(7)	(7)
4011	Class I railroads [6]	498	482	348	(NA)	(NA)	(NA)	[9] 6.05	[9] 9.92	[9] 12.84
41	Local and interurban passenger transit	270	265	254	253	244	236	4.15	6.34	7.43
42	Trucking and warehousing	1,108	1,280	1,214	978	1,121	1,056	6.00	9.13	10.39
45	Air transportation	363	453	398	(7)	(7)	(7)	(7)	(7)	(7)
46	Pipelines, except natural gas	18	21	21	13	15	15	6.89	10.50	14.06
47	Transportation services	134	198	227	(7)	(7)	(7)	(7)	(7)	(7)
48	Communication [4]	1,176	1,357	1,337	911	1,014	1,004	5.54	8.50	10.79
481	Telephone communication	967	1,072	965	740	779	706	5.61	8.72	11.44
483	Radio and television broadcasting	155	200	225	124	160	180	5.10	7.44	9.00
49	Electric, gas, and sanitary services [4]	731	827	882	613	677	708	6.03	8.90	11.50
491	Electric services	323	391	432	267	316	342	6.06	9.12	11.57
492	Gas production and distribution	162	168	173	135	138	138	5.50	8.27	10.43
493	Combination utility services	187	197	200	160	162	161	6.74	9.64	13.31
495	Sanitary services	38	49	53	34	43	47	4.84	7.04	8.93
(F)	**Wholesale trade**	**4,415**	**5,275**	**5,259**	**3,637**	**4,312**	**4,220**	**4.73**	**6.96**	**8.54**
(G)	**Retail trade** [4]	**12,645**	**15,035**	**15,545**	**11,387**	**13,500**	**13,951**	**3.36**	**4.88**	**5.74**
53	General merchandise stores	2,113	2,245	2,161	1,944	2,090	2,023	3.21	4.77	5.61
54	Food stores	2,007	2,384	2,560	1,854	2,202	2,378	4.08	6.24	7.52
56	Apparel and accessory stores	806	957	956	705	820	809	3.03	4.30	5.02
57	Furniture and home furnishings stores	517	606	603	436	502	503	3.99	5.53	6.62
58	Eating and drinking places	3,380	4,626	5,007	3,147	4,256	4,601	2.55	3.69	4.27
(H)	**Finance, insurance, real estate**	**4,165**	**5,160**	**5,467**	**3,173**	**3,907**	**4,066**	**4.06**	**5.79**	**7.29**
60	Banking	1,274	1,571	1,663	1,009	1,210	1,240	3.52	4.94	6.27
61	Credit agencies other than banks	432	570	631	329	431	480	3.71	5.12	6.46
62	Security, commodities brokers, services	170	227	309	(7)	(7)	(7)	(7)	(7)	(7)
63	Insurance carriers	1,085	1,224	1,234	751	854	832	4.35	6.29	8.12
64	Insurance agents, brokers, services	339	452	487	(7)	(7)	(7)	(7)	(7)	(7)
65	Real estate	748	981	990	(7)	(7)	(7)	(7)	(7)	(7)
66, 67	Other finance, insurance, real estate	117	135	152	(7)	(7)	(7)	(7)	(7)	(7)
(I)	**Services** [4]	**13,892**	**17,890**	**19,665**	**12,479**	**15,921**	**17,428**	**4.02**	**5.85**	**7.30**
70	Hotels and other lodging places	898	1,076	1,167	(NA)	(NA)	(NA)	(NA)	(NA)	5.24
72	Personal services	861	901	954	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
73	Business services	2,042	3,092	3,539	1,778	2,698	3,072	4.16	6.02	7.62
78	Motion pictures	206	217	216	181	191	186	4.26	7.88	10.70
80	Health services	4,134	5,278	5,973	3,725	4,712	5,366	3.81	5.68	7.39
(J)	**Government**	**14,686**	**16,241**	**15,851**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Federal government	2,748	2,866	2,752	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	State government	3,179	3,610	3,660	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Local government	8,758	9,765	9,439	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. *X* Not applicable. [1] Standard Industrial Classification, see text, p. 388. [2] Excludes government. [3] 11-month average. [4] Includes industries not shown separately. [5] Includes blown. [6] Women's and children's. [7] Included in "Private sector" total; not available separately. [8] For changes in "Class I" classification, see text, p. 586. [9] *Includes all employees* except executives, officials, and staff assistants who received pay during the month.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 691. INDEXES OF OUTPUT PER HOUR—SELECTED INDUSTRIES: 1970 TO 1983

[1977=100. See text, p. 388. See also *Historical Statistics, Colonial Times to 1970*, series W 14, 17, and 19, W 30-54, and W 62-65]

SIC [1] code	INDUSTRY	ALL EMPLOYEES					PRODUCTION WORKERS				
		1970	1975	1980	1982	1983, prel.	1970	1975	1980	1982	1983, prel.
(B)	**Mining:**										
1011	Iron (usable ore)	111.1	117.8	127.5	104.0	146.9	100.3	107.1	122.2	109.9	163.4
1021	Copper (recoverable metal)	85.5	77.2	91.3	115.4	127.9	80.7	76.5	90.8	120.7	136.6
111, 121	Coal	114.1	105.3	112.5	119.1	135.6	137.5	104.7	115.3	123.7	143.2
14	Nonmetallic minerals [2]	89.7	90.6	96.2	89.8	96.9	86.8	91.6	97.7	94.0	101.5
(D)	**Manufacturing:**										
2011, 2013	Red meat products	77.3	84.4	107.0	107.7	(NA)	77.0	85.0	106.0	106.4	(NA)
2026	Fluid milk	73.7	95.5	124.8	134.5	140.6	(X)	(X)	(X)	(X)	(X)
203	Preserved fruits, vegetables	79.7	93.7	101.2	107.5	(NA)	78.6	92.5	102.4	109.8	(NA)
204	Grain mill products	79.7	87.1	107.1	122.5	(NA)	78.9	86.2	107.2	124.8	(NA)
205	Bakery products	87.5	93.4	92.3	100.4	(NA)	83.0	94.5	90.7	104.2	(NA)
2082	Malt beverages	56.7	86.1	112.1	115.8	122.1	59.9	88.0	112.1	119.7	130.7
2086	Bottled, canned soft drinks	70.0	87.2	109.8	117.8	(NA)	65.5	86.1	116.4	130.6	(NA)
2111, 21, 31	Tobacco products	86.8	93.9	102.2	100.8	100.6	83.1	93.2	105.2	107.0	108.7
2251, 52	Hosiery	65.5	94.3	105.3	110.3	107.1	65.8	96.4	108.1	112.1	107.5
2281	Nonwool yarn mills	84.3	101.2	99.8	119.7	(NA)	83.6	102.0	100.5	121.2	(NA)
2421	Sawmills, planing mills	90.0	98.6	101.8	117.6	118.6	90.1	98.9	105.1	121.6	120.5
2431	Millwork	95.9	100.2	93.9	87.0	(NA)	97.6	102.6	97.5	92.2	(NA)
2435, 36	Veneer and plywood	89.2	97.8	102.7	110.5	(NA)	83.0	99.9	105.8	113.1	(NA)
251	Household furniture	82.2	97.5	99.7	105.0	113.4	82.2	98.4	101.6	107.7	114.3
252	Office furniture	78.2	85.5	112.5	108.1	(NA)	79.4	87.4	118.3	113.3	(NA)
2611, 21, 31, 61	Paper, paperboard, pulp mills	77.5	86.7	105.2	106.3	115.8	75.8	87.7	106.4	108.4	118.0
2643	Paper, plastic bags	75.8	99.8	94.0	94.5	(NA)	74.4	100.4	94.5	95.2	(NA)
2651	Folding paperboard boxes	77.4	98.5	97.1	96.8	97.8	77.1	100.6	97.5	98.0	98.2
2653	Corrugated, solid fiber boxes	73.1	96.2	111.3	113.0	118.8	70.8	98.3	113.4	115.3	119.2
2823, 24	Synthetic fibers	53.8	84.5	115.7	109.0	132.4	53.9	86.9	117.4	114.0	135.6
2834	Pharmaceuticals	74.8	92.5	107.3	109.6	(NA)	70.0	94.1	106.1	111.2	(NA)
2841	Soaps, detergents	83.9	97.3	108.4	99.4	(NA)	81.9	95.0	106.5	96.1	(NA)
2844	Cosmetics	65.9	94.0	82.5	81.9	(NA)	68.9	95.6	80.2	76.2	(NA)
2851	Paints, allied products	74.9	94.2	102.1	108.0	119.3	73.5	99.0	106.4	114.7	122.8
2911	Petroleum refining	73.8	88.7	94.2	82.5	86.9	74.1	89.7	100.3	88.0	92.3
3011	Tires, inner tubes	87.6	91.8	105.6	134.8	147.7	90.1	95.5	110.0	136.9	145.9
3079	Miscellaneous plastics	(NA)	86.2	95.7	111.2	(NA)	(NA)	89.1	97.3	114.1	(NA)
314	Footwear	100.3	101.3	99.1	97.3	102.0	99.3	101.6	100.2	98.2	102.7
3221	Glass containers	87.2	98.5	112.0	117.8	120.0	86.4	98.5	112.8	118.4	120.7
3271, 72	Concrete products	82.3	91.9	93.2	96.8	(NA)	79.6	92.4	96.5	99.5	(NA)
3273	Ready-mixed concrete	91.1	97.5	93.1	90.4	(NA)	(X)	(X)	(X)	(X)	(X)
331	Steel	87.6	93.3	102.9	90.9	116.1	86.0	93.5	104.3	97.0	121.6
3321	Gray iron foundries	79.8	97.0	90.8	95.6	112.4	78.8	96.9	94.8	102.0	117.8
3324, 25	Steel foundries	90.6	107.5	99.1	93.0	(NA)	88.4	105.0	99.0	99.3	(NA)
3353, 54, 55	Aluminum rolling, drawing	66.0	87.5	101.9	105.1	116.8	68.6	92.5	105.6	111.2	122.0
3411	Metal cans	78.8	87.0	102.6	119.0	130.0	77.5	87.9	104.0	120.9	131.5
3441	Fabicated structural metal	102.2	97.4	101.9	95.9	(NA)	102.2	96.9	99.7	96.3	(NA)
3494	Valves, pipe fittings	93.6	92.4	101.4	100.8	(NA)	95.5	95.3	103.4	108.6	(NA)
352	Farm, garden machinery	75.7	97.7	96.3	98.5	(NA)	75.2	95.3	99.5	110.7	(NA)
3531	Construction machinery, equipment	83.4	93.9	97.4	89.1	(NA)	82.0	92.3	102.1	106.2	(NA)
3541, 42	Machine tools	91.7	103.0	98.7	93.2	65.3	89.8	101.7	96.4	102.5	74.9
3561, 63	Pumps and compressors	85.8	91.4	101.3	97.7	(NA)	85.8	92.2	102.9	109.5	(NA)
3562	Ball and roller bearings	85.5	97.5	94.7	82.9	88.3	86.3	97.9	92.6	86.6	90.6
3612	Transformers	89.1	89.3	110.8	102.6	(NA)	84.9	92.0	111.5	102.4	(NA)
3613	Switchgear, switchboard apparatus	83.3	93.4	102.6	103.3	(NA)	84.1	99.2	107.1	111.8	(NA)
3621	Motors, generators	87.8	93.0	94.9	100.1	(NA)	89.5	96.3	98.3	107.4	(NA)
3231, 2, 3, 9	Major household appliances	70.2	93.6	105.9	110.5	129.9	70.5	96.0	107.0	114.6	129.4
3645, 6, 7, 8	Lighting fixtures	78.1	89.2	93.9	92.5	(NA)	77.3	90.1	95.7	94.5	(NA)
3651	Radio and TV sets	70.6	90.1	116.4	157.9	(NA)	71.2	91.6	121.7	166.8	(NA)
371	Motor vehicles, equipment	70.5	87.7	92.2	99.7	113.9	72.5	89.8	99.4	106.6	116.4
3825	Instruments to measure electricity	(NA)	95.9	106.3	115.1	(NA)	(NA)	95.4	117.4	129.1	(NA)
(E, G, H, I)	**Transportation, utilities, trade:**										
401	RR transport (revenue traffic) [3]	77.7	89.5	107.3	115.9	136.6	76.9	89.9	108.4	119.4	140.7
Pts of 4111, 31, 414	Bus carriers [4]	107.3	97.0	100.8	92.2	92.7	(X)	(X)	(X)	(X)	(X)
4213 pt.	Intercity trucking [5]	83.5	89.2	94.3	93.3	(NA)	(X)	(X)	(X)	(X)	(X)
4511	Air transportation [5]	71.4	87.6	106.2	114.7	126.0	(X)	(X)	(X)	(X)	(X)
4612, 13	Petroleum pipelines	79.5	95.7	93.0	89.2	91.2	73.6	92.6	95.8	94.9	95.1
4811	Telephone communications	62.1	85.9	118.1	129.1	145.5	(X)	(X)	(X)	(X)	(X)
491, 92, 93	Gas and electric utilities [6]	84.6	95.7	96.2	89.5	88.4	81.1	94.3	97.3	91.3	91.2
54	Retail food stores [7]	109.8	100.7	100.8	96.9	97.1	(X)	(X)	(X)	(X)	(X)
5511	Franchised new car dealers	86.1	95.0	99.5	97.4	102.2	(X)	(X)	(X)	(X)	(X)
5541	Gasoline service stations [7]	75.3	85.6	107.9	118.0	121.5	(X)	(X)	(X)	(X)	(X)
56	Apparel, accessory stores [7]	82.2	105.3	116.4	123.8	125.2	(X)	(X)	(X)	(X)	(X)
58	Eating, drinking places [7]	101.0	101.0	99.4	96.1	98.4	(X)	(X)	(X)	(X)	(X)
5912	Drug, proprietary stores [7]	83.4	94.2	105.6	105.6	104.8	(X)	(X)	(X)	(X)	(X)
602	Commercial banking	85.5	90.0	92.7	96.2	(NA)	(X)	(X)	(X)	(X)	(X)
7011	Hotels, motels, tourist courts [7]	85.1	89.7	98.6	93.6	94.3	(X)	(X)	(X)	(X)	(X)
721	Laundry, cleaning services [7]	95.5	96.9	87.8	88.6	88.1	(X)	(X)	(X)	(X)	(X)

NA Not available. X Not applicable. [1] Standard Industrial Classification code; see text p. 388. [2] Excludes fuels. [3] Class 1 line-haul railroads and switching and terminal companies. [4] Class 1 interstate carriers regulated by the ICC. [5] Refers to output per employee. [6] Production workers refers to nonsupervisory workers. [7] Data relate to all persons (paid employees, unpaid family workers, and the self-employed).

Source: U.S. Bureau of Labor Statistics, News Release USDL-84-342, "Widespread Gains in Industry Productivity in 1983 Reported by BLS," annual and unpublished data.

No. 692. Indexes of Productivity and Related Measures: 1960 to 1983

[See text, p. 388. Minus sign (−) indicates decrease. See August 1984 issue of source for revised data. See also Historical Statistics, Colonial Times to 1970, series D 689-704 and W 22-25]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
INDEXES (1977 = 100)										
Output,[1] business sector	53.5	67.8	78.4	88.2	105.5	107.8	106.5	109.8	106.7	111.1
Nonfarm business	52.5	67.2	78.0	87.8	105.7	108.0	106.5	109.3	106.3	111.1
Manufacturing	50.7	69.8	77.0	85.4	105.3	108.2	103.5	106.5	99.1	106.8
Hours,[2] business sector	82.0	86.6	91.0	93.3	104.9	108.5	107.6	108.4	105.4	107.0
Nonfarm business	77.0	83.5	89.8	92.7	105.0	109.0	108.2	109.0	106.0	107.4
Manufacturing	84.4	93.6	97.3	91.4	104.5	106.6	101.8	101.2	93.0	94.4
Output per paid hour, business sector	65.2	78.3	86.2	94.5	100.6	99.4	98.9	101.3	101.2	103.9
Nonfarm business	68.3	80.5	86.8	94.7	100.6	99.1	98.4	100.3	100.2	103.4
Manufacturing	60.0	74.5	79.1	93.4	100.8	101.5	101.7	105.3	106.5	113.1
Compensation per hour,[3] business sector	33.9	41.7	58.2	85.5	108.6	118.7	131.2	143.9	155.1	163.0
Nonfarm business	35.7	42.8	58.7	86.0	108.6	118.4	130.7	143.5	154.7	163.4
Manufacturing	36.7	42.8	57.6	85.4	108.3	118.8	132.7	145.8	158.2	166.7
Real hourly compensation,[3] business sector	69.5	80.1	90.8	96.3	100.9	99.1	96.5	95.9	97.4	99.2
Nonfarm business	73.0	82.2	91.5	96.8	100.9	98.9	96.1	95.6	97.1	99.4
Manufacturing	75.1	82.3	89.8	96.2	100.6	99.2	97.6	97.2	99.3	101.4
Unit labor costs,[4] business sector	52.1	53.3	67.5	90.5	108.0	119.5	132.7	142.1	153.3	156.9
Nonfarm business	52.3	53.2	67.6	90.8	108.0	119.5	132.8	143.0	154.4	157.9
Manufacturing	61.1	57.5	72.7	91.5	107.4	117.0	130.5	138.5	148.5	147.4
ANNUAL PERCENT CHANGE[5]										
Output,[1] business sector	1.6	6.8	−.8	−2.0	5.5	2.3	−1.3	3.1	−2.8	4.2
Nonfarm business	1.5	6.9	−1.0	−2.2	5.7	2.2	−1.4	2.7	−2.8	4.5
Hours,[2] business sector	.2	3.2	−1.6	−4.1	4.9	3.5	−.8	.7	−2.7	1.4
Nonfarm business	.6	3.7	−1.3	−4.1	5.0	3.7	−.7	.7	−2.7	1.3
Output per paid hour, business sector	1.5	3.5	.8	2.2	.6	−1.2	−.5	2.4	−.1	2.7
Nonfarm business	.8	3.1	.3	2.0	.6	−1.5	−.7	1.9	−.1	3.2
Compensation per hour,[3] business sector	4.2	3.9	7.3	9.6	8.8	9.4	10.5	9.7	7.7	5.1
Nonfarm business	4.3	3.4	7.0	9.6	8.6	9.0	10.4	9.8	7.8	5.6
Real hourly compensation,[5] business sector	2.6	2.2	1.3	.5	.9	1.7	−2.6	−.6	1.5	1.9
Nonfarm business	2.7	1.7	1.0	.4	.9	−2.0	−2.8	−.6	1.6	2.3
Unit labor costs,[4] business sector	2.7	.3	6.4	7.3	8.0	10.7	11.1	7.1	7.9	2.4
Nonfarm business	3.5	.3	6.6	7.4	8.0	10.7	11.1	7.7	7.9	2.3

[1] Refers to gross domestic product originating in the sector, in 1972 prices. [2] Hours of all persons engaged in the business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing. [3] Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. Real compensation deflated by the consumer price index for all urban consumers, see text, p. 465. [4] Hourly compensation divided by output per paid hour. [5] All changes are from the immediately prior year.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

No. 693. Average Annual Total Compensation and Wages and Salaries per Full-Time Equivalent Employee, by Industry: 1970 to 1983

[In dollars, except percent. Wage and salary payments include executives' compensation, bonuses, tips, and payments in kind; total compensation includes, in addition to wages and salaries, employer contributions for social insurance, employer contributions to private pension and welfare funds, directors' fees, jury and witness fees, etc. See *Historical Statistics, Colonial Times to 1970* series D 739-764 and D 893-904, for related but not comparable data]

INDUSTRY	ANNUAL TOTAL COMPENSATION					ANNUAL WAGES AND SALARIES				
	1970	1975	1980	1982	1983	1970	1975	1980	1982	1983
All domestic industries	***8,644***	***12,516***	***18,612***	***21,970***	***23,287***	***7,750***	***10,836***	***15,765***	***18,488***	***19,460***
Average annual percent change[1]	6.3	7.7	8.3	8.7	6.0	5.9	6.9	7.8	8.2	5.3
Agriculture, forestry, fisheries	4,530	6,232	10,382	12,043	12,540	4,218	5,629	9,163	10,605	11,014
Mining	10,891	17,495	27,788	33,955	35,736	9,445	14,765	23,440	28,545	29,793
Construction	10,778	15,130	21,263	25,295	25,614	9,810	13,448	18,573	21,862	21,968
Manufacturing	9,585	14,234	22,055	25,921	27,582	8,380	11,903	17,966	21,053	22,170
Transportation	10,600	16,060	24,744	28,552	29,721	9,403	13,534	20,677	23,516	24,292
Communication	10,854	17,698	27,607	34,173	36,933	8,751	13,726	21,388	26,033	27,647
Electric, gas, sanitary services	11,709	17,548	27,182	33,605	36,590	10,022	14,314	21,917	26,616	28,570
Wholesale trade	10,073	14,427	21,484	24,971	26,266	9,193	12,928	18,822	21,693	22,687
Retail trade	6,464	8,875	12,459	14,182	14,895	5,914	7,921	10,953	12,350	12,914
Finance, insurance, real estate	8,860	12,504	18,831	22,728	25,027	7,821	10,618	15,864	18,939	20,725
Services	6,900	10,108	15,246	18,581	19,843	6,394	9,066	13,470	16,208	17,220
Government and government enterprises	8,813	13,071	18,762	22,470	24,216	8,011	11,451	15,939	18,917	20,263

[1] Represents average for period of intervals shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

No. 694. Gross, Average Hourly and Weekly Earnings in Current and Constant (1977) Dollars, by Industry Group: 1970 to 1984

[For private industry only; weekly earnings includes overtime. Data are for production and related workers in mining and manufacturing, construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, table 688. See also *Historical Statistics, Colonial Times to 1970*, series D 877–892]

Industry group	Current dollars						Constant (1977) dollars					
	1970	1975	1980	1982	1983	1984,[1] June	1970	1975	1980	1982	1983	1984,[1] June
Gross average hourly earnings	**3.23**	**4.53**	**6.66**	**7.68**	**8.02**	**8.29**	**5.04**	**5.10**	**4.89**	**4.83**	**4.90**	**4.91**
Manufacturing	3.35	4.83	7.27	8.49	8.83	9.13	5.23	5.44	5.34	5.34	5.39	5.41
Mining	3.85	5.95	9.17	10.77	11.27	11.61	6.01	6.70	6.74	6.78	6.88	6.88
Construction	5.24	7.31	9.94	11.63	11.92	11.94	8.17	8.23	7.30	7.31	7.28	7.08
Transportation, public utilities	3.85	5.88	8.87	10.32	10.80	11.03	6.01	6.62	6.52	6.49	6.59	6.54
Wholesale trade	3.44	4.73	6.96	8.02	8.54	8.86	5.37	5.33	5.11	5.08	5.21	5.25
Retail trade	2.44	3.36	4.88	5.47	5.74	5.88	3.81	3.78	3.59	3.44	3.50	3.49
Finance, insurance, real estate	3.07	4.06	5.79	6.78	7.29	7.53	4.79	4.57	4.25	4.26	4.45	4.46
Services	2.81	4.02	5.85	6.92	7.30	7.53	4.38	4.53	4.30	4.35	4.46	4.46
Gross average weekly earnings	**120**	**164**	**235**	**267**	**281**	**295**	**187**	**185**	**173**	**168**	**171**	**175**
Manufacturing	134	191	289	330	354	373	209	215	212	208	216	221
Mining	164	249	397	460	479	512	256	280	292	289	292	304
Construction	195	266	368	427	443	461	304	300	270	268	271	273
Transportation, public utilities	156	233	351	402	421	436	243	262	258	253	257	258
Wholesale trade	137	183	267	308	329	343	214	206	197	195	201	203
Retail trade	82	109	147	164	171	178	128	123	108	103	104	106
Finance, insurance, real estate	113	148	210	245	264	273	176	167	154	154	161	162
Services	97	135	191	226	239	248	151	152	140	142	146	147

[1] Preliminary, not seasonally adjusted data.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 695. Annual Percent Changes in Earnings and Compensation: 1973 to 1983

Item	1973–1974	1974–1975	1975–1976	1976–1977	1977–1978	1978–1979	1979–1980	1980–1981	1981–1982	1982–1983
Current dollars:										
Hourly earnings, total [1]	7.6	6.8	7.3	8.0	8.4	8.3	8.1	8.9	5.9	4.4
Hourly earnings, manufacturing	8.1	9.3	8.1	8.8	8.6	8.6	8.5	9.9	6.3	4.0
Compensation per employee-hour [1]	9.3	9.6	8.0	7.5	8.5	9.0	10.2	9.6	8.0	4.9
Constant (1977) dollars:										
Hourly earnings, total [1]	−3.2	−2.1	1.6	1.4	.8	−2.8	−4.9	−1.2	–	1.4
Hourly earnings, manufacturing	−2.7	.2	2.2	2.2	.9	−2.4	−4.5	−.2	.2	.9
Compensation per employee-hour [1]	−1.5	.5	2.1	1.0	.8	−2.1	−2.9	−.7	1.7	1.6
Consumer Price Index [2]	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2

– Represents zero. [1] Nonfarm business sector. [2] See text, p. 465 and tables 789 and 790.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 696. Gross Average Weekly Earnings in Current and Constant (1977) Dollars, Private Nonagricultural and Manufacturing Industries: 1960 to 1984

[**In dollars.** Includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and salary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay period which includes the 12th of the month. See headnote, table 694. See *Historical Statistics, Colonial Times to 1970*, series D 804, for average weekly earnings in manufacturing]

Year	Private nonagricultural		Manufacturing		Year	Private nonagricultural		Manufacturing	
	Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]		Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]
1960	80.7	165.0	89.7	183.5	1978	203.7	189.3	249.3	231.7
1965	95.5	183.2	107.5	206.4	1979	219.9	183.4	269.3	224.6
1970	119.8	166.9	133.3	208.0	1980	235.1	172.7	288.6	212.0
1974	154.8	190.1	176.8	217.2	1981	255.2	170.1	318.0	212.0
1975	163.5	184.2	190.8	214.9	1982	267.3	168.1	330.3	207.7
1976	175.5	186.9	209.3	222.9	1983	280.7	171.4	354.1	216.2
1977	189.0	189.0	228.9	228.9	1984, June [2]	295.1	174.9	373.4	221.4

[1] Earnings in current dollars divided by the Consumer Price Index on a 1977 base. [2] Preliminary, not seasonally adjusted data.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 697. Production Workers, Manufacturing Industries—Average Hourly Earnings, by State: 1975 to 1983

[In dollars]

Division and State	1975	1978	1979	1980	1981	1982	1983
U.S	4.83	6.17	6.70	7.27	7.99	8.49	8.83
N.E.:							
ME	3.81	4.91	5.42	6.00	6.66	7.22	7.61
NH	3.97	4.94	5.37	[1] 5.87	6.41	6.94	7.38
VT	4.07	5.10	5.53	6.14	6.79	7.35	7.66
MA	4.48	5.54	5.98	6.51	7.01	7.58	8.01
RI	3.84	4.71	5.10	5.59	6.10	6.61	6.92
CT	4.78	5.96	6.43	7.08	7.67	8.23	8.76
M.A.:							
NY	4.91	6.08	6.57	7.18	7.84	8.35	8.84
NJ	4.99	6.28	6.71	7.31	8.05	8.70	(NA)
PA	4.98	6.37	6.97	7.59	8.30	8.63	8.95
E.N.C.:							
OH	5.57	7.29	7.84	8.57	9.53	10.07	10.56
IN	5.49	7.17	7.79	8.49	9.37	9.79	10.10
IL	5.53	6.76	7.30	8.02	8.91	9.31	9.70
MI	(NA)	8.13	8.73	9.52	10.53	11.18	11.62
WI [2]	5.26	6.69	7.27	8.03	8.80	9.37	9.78
W.N.C.:							
MN	5.10	6.44	6.93	7.61	8.40	9.11	9.56
IA	(NA)	7.02	7.75	8.67	9.60	10.01	10.09
MO	4.80	6.21	6.70	7.25	7.90	8.46	8.89
ND	4.31	5.55	5.98	6.56	7.12	7.50	7.74
SD	4.21	5.19	5.70	6.50	7.12	7.36	7.28
NE	4.68	5.83	6.53	7.38	8.01	8.47	8.75
KS	(NA)	(NA)	6.71	7.37	8.05	8.80	9.28
S.A.:							
DE	5.02	6.58	7.04	7.58	8.28	8.64	9.13
MD	5.04	6.46	7.09	7.61	8.39	8.78	9.02
DC [3]	5.52	6.72	7.74	8.46	8.88	9.37	9.75
S.A.—Con.							
VA	3.99	5.11	5.56	6.22	6.84	7.37	7.78
WV	4.93	6.68	7.41	8.08	8.80	9.40	9.74
NC	3.52	4.47	4.87	5.37	5.94	6.35	6.68
SC	3.59	4.66	5.10	5.59	6.18	6.68	7.03
GA	3.80	4.88	5.30	5.77	6.37	6.75	7.13
FL	4.11	5.07	5.48	5.98	6.53	7.02	7.33
E.S.C.:							
KY	4.77	6.26	6.77	7.34	7.86	8.38	8.79
TN	3.93	5.13	5.56	6.08	6.72	7.16	7.49
AL	4.10	5.40	5.95	6.49	7.01	7.33	7.58
MS	3.58	4.56	4.95	5.44	6.01	6.41	6.70
W.S.C.:							
AR	3.69	4.72	5.19	5.71	6.26	6.69	7.05
LA	4.88	6.42	6.97	7.74	8.58	9.38	9.79
OK	4.45	5.81	6.53	7.36	8.20	8.69	9.21
TX	(NA)	5.68	6.46	7.15	7.95	8.60	8.86
Mt.:							
MT	5.53	7.81	8.44	8.78	9.09	9.86	10.42
ID	4.77	6.53	6.92	7.55	8.23	8.62	8.49
WY	4.92	6.18	6.68	7.01	7.89	8.62	8.72
CO	(NA)	6.21	6.93	7.63	8.28	8.63	8.97
NM	3.63	4.79	5.36	5.79	6.54	7.22	7.62
AZ	4.85	6.03	6.62	7.29	8.02	8.73	8.99
UT	4.61	5.68	6.29	7.02	7.74	8.40	8.71
NV	5.26	6.54	6.95	7.72	8.42	8.80	9.02
Pac.:							
WA	5.82	7.56	8.39	9.41	10.44	11.23	11.41
OR	5.53	7.23	7.92	8.65	9.47	10.02	10.24
CA	5.22	6.43	7.03	7.70	8.56	9.24	9.52
AK	8.09	8.86	[1] 9.14	10.22	11.42	11.74	12.34
HI	4.68	5.90	6.38	6.83	7.53	7.97	8.23

NA Not available. [1] Data not comparable beginning year shown with prior years. [2] Adjusted to March 1981 benchmark levels. [3] Represents Washington, DC Standard Metropolitan Statistical Area.

Source: U.S. Bureau of Labor Satistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

No. 698. Average Annual Pay, by State: 1981 to 1983

[In dollars, except percent change. For workers covered by State unemployment insurance laws and for Federal civilian workers covered by unemployment compensation for Federal employees, approximately 89 percent of total civilian employment. Excludes most agricultural workers on small farms, all Armed Forces, elected officials in most States, railroad employees, most domestic workers, employees of certain nonprofit organizations and most self-employed individuals. Pay includes bonuses, cash value of meals and lodging, and tips and other gratuities. Minus sign (–) indicates decrease]

State	Average annual pay			Average annual percent change	
	1981	1982	1983 [1]	1981–1982	1982–1983
U.S	15,689	16,738	17,542	6.7	4.8
AL	13,986	14,790	15,542	5.7	5.1
AK	25,807	27,904	28,739	8.1	3.0
AZ	15,215	16,012	16,667	5.2	4.1
AR	12,840	13,634	14,327	6.2	5.1
CA	16,706	17,979	19,021	7.6	5.8
CO	16,157	17,392	18,102	7.6	4.1
CT	16,341	17,646	18,752	8.0	6.3
DE	16,377	17,553	18,171	7.2	3.5
DC	20,761	22,537	23,864	8.6	5.9
FL	13,824	14,787	15,542	7.0	5.1
GA	14,170	15,147	16,098	6.9	6.3
HI	14,411	15,353	16,108	6.5	4.9
ID	14,014	14,660	15,242	4.6	4.0
IL	16,948	17,976	18,707	6.1	4.1
IN	15,712	16,392	17,068	4.3	4.1
IA	14,214	14,766	15,214	3.9	3.0
KS	14,327	15,277	15,763	6.6	3.2
KY	14,588	15,486	16,026	6.2	3.5
LA	16,020	17,063	17,344	6.5	1.6
ME	12,517	13,466	14,130	7.6	4.9
MD	15,181	16,246	17,068	7.0	5.1
MA	15,092	16,333	17,351	8.2	6.2
MI	18,128	18,811	19,712	3.8	4.8
MN	15,178	16,373	17,215	7.9	5.1
MS	12,581	13,429	13,941	6.7	3.8
MO	14,975	15,970	16,783	6.6	5.1
MT	13,952	14,702	15,216	5.4	3.5
NE	13,225	14,057	14,617	6.3	4.0
NV	15,584	16,473	17,112	5.7	3.9
NH	13,436	14,616	15,540	8.8	6.3
NJ	16,530	17,868	18,820	8.1	5.3
NM	14,508	15,388	15,930	6.1	3.5
NY	17,132	18,530	19,694	8.2	6.3
NC	13,066	13,836	14,678	5.9	6.1
ND	13,776	14,626	15,048	6.2	2.9
OH	16,319	17,155	17,920	5.1	4.5
OK	15,540	16,766	17,155	7.9	2.3
OR	15,366	16,180	16,779	5.3	3.7
PA	15,609	16,448	17,161	5.4	4.3
RI	13,536	14,533	15,397	7.4	5.9
SC	13,041	13,789	14,647	5.7	6.2
SD	12,099	12,702	13,189	5.0	3.8
TN	13,726	14,763	15,547	7.6	5.3
TX	16,213	17,409	18,133	7.4	4.2
UT	15,055	15,904	16,513	5.6	3.8
VT	12,879	13,802	14,644	7.2	6.1
VA	14,495	15,613	16,490	7.7	5.6
WA	17,043	17,752	18,039	4.2	1.6
WV	15,723	16,698	16,863	6.2	1.0
WI	14,790	15,673	16,377	6.0	4.5
WY	17,234	17,990	17,841	4.4	–.8

[1] Preliminary.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages 1982*, and USDL News Release 84-1984, *Average Annual Pay by State and Industry, 1983*, and unpublished data.

No. 699. Number of Workers With Earnings and Median Earnings, by Occupation of Longest Job Held and Sex: 1982

[Covers civilians 15 years old and over as of **March 1983.** For definition of median, see Guide to Tabular Presentation]

Major occupation group of longest job held	All workers				Year round full-time				Ratio: women to men	
	Women		Men		Women		Men			
	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number	Median earnings
Total	**51,620**	**7,686**	**64,730**	**15,373**	**23,702**	**13,014**	**40,105**	**21,077**	**.59**	**.62**
Managerial and professional specialty	10,637	14,040	14,729	25,440	6,313	17,987	11,946	28,373	.53	.63
Exec. admin., and managerial	3,783	14,592	7,616	26,119	2,640	17,326	6,406	28,820	.41	.60
Prof. specialty occupations	6,854	13,696	7,113	24,784	3,674	18,423	5,540	27,940	.66	.66
Tech., sales, and admin. support	23,095	8,423	12,122	16,854	11,493	12,574	8,409	21,400	1.37	.59
Service occupations [1]	10,832	3,424	6,738	6,524	2,826	8,565	2,958	14,459	.96	.59
Private household	1,438	1,406	65	(B)	141	5,368	9	(B)	(B)	(X)
Other service [2]	9,125	3,948	5,088	4,946	2,589	8,677	1,876	12,008	1.36	.72
Farming, forestry, and fishing	697	1,796	3,879	3,682	162	5,348	1,761	9,093	.09	.59
Precision prod., craft and repair	1,034	9,300	12,983	16,629	548	13,591	7,918	20,913	.07	.65
Operators, fabricators and laborers	5,524	7,483	14,281	11,837	2,359	11,029	7,114	17,223	.33	.64

B Base less than 75,000. X Not applicable. [1] Includes protective service. [2] Excludes protective service.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142.

No. 700. Median Weekly Earnings of Full-Time Wage and Salary Workers, by Selected Characteristic: 1980 to 1983

[In current dollars of usual weekly earnings. Data represent annual average. Data have been revised based on new median intervals and are not comparable with previously published data. See text, p. 388 for a discussion of occupation data. For definition of median, see Guide to Tabular Presentation]

Characteristic	1980	1981	1982	1983	Occupation	1980	1981	1982	1983
All workers	**$258**	**$283**	**$303**	**$309**					
SEX AND AGE					Managerial and professional	(X)	(X)	(X)	440
					Exec., admin., managerial	(X)	(X)	(X)	456
Male	309	345	363	379	Professional specialty	(X)	(X)	(X)	422
16 to 24 years	206	218	226	223					
25 years and over	343	369	401	405	Tech. sales, and admin. support	(X)	(X)	(X)	282
Female	201	217	240	252	Tech. and related support	(X)	(X)	(X)	357
16 to 24 years	166	180	190	201	Sales	(X)	(X)	(X)	305
25 years and over	208	232	253	263	Admin. support, incl. clerical	(X)	(X)	(X)	258
FAMILY RELATIONSHIP					Service	(X)	(X)	(X)	205
					Private household	(X)	(X)	(X)	111
Husbands	348	373	402	407	Protective	(X)	(X)	(X)	350
Wives	203	222	245	255	Other service	(X)	(X)	(X)	194
Women who maintain families	204	223	243	255					
Men who maintain families	305	337	358	377	Precision production [2]	(X)	(X)	(X)	379
					Mechanics and repairers	(X)	(X)	(X)	376
RACE/HISPANIC ORIGIN					Construction trades	(X)	(X)	(X)	372
					Other	(X)	(X)	(X)	385
White	265	292	307	321					
Male	321	353	374	397	Operators, fabricators and laborers	(X)	(X)	(X)	276
Female	203	220	243	253	Machine operators, assemblers, inspectors	(X)	(X)	(X)	261
Black	208	236	247	257	Transportation and moving materials	(X)	(X)	(X)	328
Male	246	264	279	299	Handlers, equipment cleaners, helpers, and laborers	(X)	(X)	(X)	244
Female	184	204	214	231	Farming, forestry, fishing	(X)	(X)	(X)	200
Hispanic origin [1]	207	223	242	250					
Male	236	251	263	274					
Female	170	188	203	209					

X Not applicable. [1] Persons of Hispanic origin may be of any race. [2] Including crafts and repair.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 701. Median Usual Weekly Earnings, by Family Type and Number of Workers: 1980 to 1983

[For families with wage and salary workers. Annual averages of quarterly figures. Data have been revised based on new median intervals and are not comparable with previously published data. Minus sign (−) indicates decrease]

Family type and number of workers	Number of families (1,000)			Median usual weekly earnings (dollars)			Percent change—constant (1967) dol.		
	1980	1982	1983	1980	1982	1983	1980–1981	1981–1982	1982–1983
Total families [1]	**41,162**	**40,844**	**40,701**	**402**	**451**	**470**	**−3.2**	**−.9**	**.9**
Married couple families	33,825	33,225	33,032	432	495	508	−1.6	−.4	.6
One worker	14,797	14,592	14,321	305	339	354	−3.9	−1.2	1.2
Husband	12,127	11,426	11,088	340	391	403	−2.9	1.4	-
Wife	2,059	2,465	2,522	157	190	202	1.3	2.3	3.2
Other	611	700	712	163	188	200	−2.5	.6	3.2
Two workers or more [2]	19,028	18,633	18,710	535	615	647	−1.5	−.3	2.0
Husband and wife only	12,990	12,923	12,983	506	588	614	−1.2	.4	1.2
Husband and other family member(s)	2,369	2,167	2,084	557	619	651	−2.5	−2.8	1.9
Wife and other family member(s)	426	475	529	350	387	387	−4.6	−1.1	−3.1
Families maintained by women	5,690	5,933	5,956	222	252	267	−2.7	−.4	2.8
One worker	4,022	4,253	4,190	183	205	216	−2.2	−2.5	2.0
Two or more workers	1,668	1,680	1,766	370	418	439	−2.7	−.8	1.7
Families maintained by men	1,647	1,686	1,713	358	401	407	−4.7	.3	−1.7
One worker	1,016	1,077	1,066	284	323	324	−3.2	-	−2.8
Two or more workers	631	609	647	500	558	584	−4.4	−.4	1.4

- Represents zero.
[1] Excludes families where the husband, wife, or householder is self-employed. [2] Includes other combinations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 702. Employment Cost Index (ECI), by Industry and Occupation: 1980 to 1984

[The ECI is a measure of the rate of change in employee compensation (wages, salaries, and employer costs for employee benefits). Data are not seasonally adjusted]

Item	Indexes (June 1981=100)								Percent change for 12 months ending—			
	Dec. 1980	June 1981	Dec. 1981	June 1982	Dec. 1982	June 1983	Dec. 1983	June 1984	Dec. 1981	Dec. 1982	Dec. 1983	June 1984
Civilian workers [1]	(NA)	**100.0**	**104.5**	**107.5**	**111.4**	**114.5**	**117.8**	**120.8**	(NA)	**6.6**	**5.7**	**5.5**
Workers, by occupational group:												
White-collar workers	(NA)	100.0	104.9	107.7	111.9	114.9	118.9	122.1	(NA)	6.7	6.3	6.3
Blue-collar workers	(NA)	100.0	104.1	107.1	110.5	113.6	115.8	118.6	(NA)	6.1	4.8	4.4
Service workers	(NA)	100.0	104.2	108.3	112.4	115.1	119.1	122.1	(NA)	7.9	6.0	6.1
Workers, by industry division:												
Manufacturing	(NA)	100.0	104.0	107.2	110.4	113.5	116.0	119.1	(NA)	6.2	5.1	4.9
Nonmanufacturing	(NA)	100.0	104.8	107.7	111.8	114.9	118.6	121.6	(NA)	6.7	6.1	5.8
Services	(NA)	100.0	107.1	109.2	115.0	117.1	122.6	125.5	(NA)	7.4	6.6	7.2
Public administration [2]	(NA)	100.0	106.0	109.1	113.6	117.0	121.4	123.7	(NA)	7.2	6.9	5.7
Private industry workers [3]	**94.7**	**100.0**	**104.0**	**107.2**	**110.7**	**113.9**	**117.0**	**120.1**	**9.8**	**6.4**	**5.7**	**5.4**
Workers, by occupational group:												
White-collar workers	94.5	100.0	104.0	107.2	110.8	114.2	117.9	121.4	10.1	6.5	6.4	6.3
Blue-collar workers	94.9	100.0	104.0	107.0	110.3	113.5	115.7	118.4	9.6	6.1	4.9	4.3
Service workers	94.3	100.0	103.1	107.9	111.8	114.6	117.9	121.2	9.3	8.4	5.5	5.8
Workers, by industry division:												
Manufacturing	94.7	100.0	104.0	107.2	110.4	113.5	116.0	119.1	9.8	6.2	5.1	4.9
Nonmanufacturing	94.7	100.0	103.9	107.1	110.8	114.2	117.5	120.7	9.7	6.6	6.0	5.7
Workers by bargaining status:												
Union	94.7	100.0	104.8	108.4	112.3	116.0	118.8	121.7	10.7	7.2	5.8	4.9
Non-union	94.6	100.0	103.5	106.5	109.7	112.8	115.9	119.2	9.4	6.0	5.7	5.7
State and local government workers	(NA)	**100.0**	**107.4**	**109.3**	**115.1**	**117.1**	**122.0**	**124.4**	(NA)	**7.2**	**6.0**	**6.2**
Workers, by occupational group:												
White-collar workers	(NA)	100.0	107.8	109.5	115.8	117.5	122.6	125.0	(NA)	7.4	5.9	6.4
Blue-collar workers	(NA)	100.0	105.9	108.9	113.0	115.8	119.2	122.3	(NA)	6.7	5.5	5.6
Workers, by industry division:												
Services	(NA)	100.0	107.9	109.4	115.9	117.4	122.6	125.0	(NA)	7.4	5.8	6.5
Schools	(NA)	100.0	107.9	109.1	115.8	116.9	122.6	124.7	(NA)	7.3	5.9	6.7
Elementary and secondary	(NA)	100.0	108.3	109.5	116.6	117.4	123.9	125.7	(NA)	7.7	6.3	7.1
Hospitals and other services [4]	(NA)	100.0	107.8	110.3	116.0	118.8	122.6	125.7	(NA)	7.6	5.7	5.8
Public administration [2]	(NA)	100.0	106.0	109.1	113.6	117.0	121.4	123.7	(NA)	7.2	6.9	5.7

NA Not available. [1] Includes private industry and State and local government workers and excludes farm, household, and Federal government workers. [2] Consists of legislative, judicial, administrative, and regulatory activities. [3] Excludes farm and household workers. [4] Includes library, social, and health services.

Source: U.S. Bureau of Labor Statistics, *News, Employment Cost Index*, quarterly.

No. 703. Employees with Employer- or Union-Provided Pension Plans, or Group Health Plans, by Occupation and Industry: 1982

[**In thousands, except percent.** For civilian wage and salary workers 15 years old and over as of **March 1983.** Based on Current Population Survey; see text, p. 2]

Occupation	Total	With pension plans		With group health plans	
		Number	Percent	Number	Percent
Total	**106,906**	**46,799**	**43.8**	**65,942**	**61.7**
Managerial and prof. specialty	22,811	14,098	61.8	17,507	76.7
Executive, admin. and managerial	10,138	5,972	58.9	8,158	80.5
Prof. specialty	12,673	8,126	64.1	9,349	73.8
Technical sales and admin. support	32,958	13,790	41.8	19,904	60.4
Service workers	16,587	3,722	22.4	5,656	34.1
Pvt. household	1,501	7	.5	34	2.3
Service, exc. pvt. household	15,086	3,714	24.6	5,624	37.3
Farming, forestry and fishing	2,884	303	10.5	655	22.7
Precision prod., craft, and repair	12,443	6,437	51.7	9,312	74.8
Operatives, fabricators and laborers	19,223	8,449	44.0	12,906	67.1

Industry	Total	With pension plans		With group health plans	
		Number	Percent	Number	Percent
Total	**106,906**	**46,799**	**43.8**	**65,942**	**61.7**
Agriculture, forestry, fisheries	2,465	275	11.2	610	24.7
Mining	1,227	697	56.8	1,023	83.4
Construction	5,986	2,170	36.3	3,504	58.5
Manufacturing	22,818	13,405	58.7	18,794	82.4
Transportation, public utilities	7,233	4,793	66.3	5,856	81.0
Wholesale trade	4,504	1,881	41.8	3,257	72.3
Retail trade	18,430	3,463	18.8	6,987	37.9
Finance, insurance, real estate	6,232	3,128	50.2	4,468	71.7
Business services	4,588	1,132	24.7	2,267	49.4
Personal services	4,435	402	9.1	988	22.3
Entertainment and recreation	1,452	266	18.3	477	32.9
Professional and related	22,294	11,171	50.1	13,652	61.2
Public administration	5,242	4,017	76.6	4,060	77.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 143.

No. 704. Employee Benefits in Medium and Large Firms: 1983

[Covers full-time employees in private industry; excludes small firms (establishments with fewer than 50 to 250 employees, depending on the industry), executive management and traveling operating employees, and Alaska and Hawaii. Based on sample survey of establishments and covers only benefits for which the employer pays part or all of the premium involved]

Type of employee benefit	All employees	Professional and administrative employees	Technical and clerical employees	Production employees
Percent of employees participating in—				
Paid: Lunch time	11	4	5	17
Rest time	74	58	76	80
Holidays	99	99	100	99
Vacations	100	100	100	99
Personal leave	25	31	35	17
Sick leave	67	92	91	42
Insurance plans:				
Accident/sickness	49	29	34	67
Noncontributory	41	22	26	57
Long-term disability	45	66	58	28
Noncontributory	34	47	42	23
Life	96	97	95	95
Noncontributory	80	79	78	81
Pension	82	86	84	79
Noncontributory	75	79	79	72
Health	96	98	96	96
Noncontributory	65	62	54	71
Hospital/surgical [1]	96	98	95	96
Extended care facility	58	61	55	58
Home health care	37	39	36	37
Pvt. duty nursing	92	97	93	89
Mental health care	95	97	94	95
Dental	71	77	68	69
Vision	27	24	23	31

Type of employee benefit	All employees	Professional and administrative employees	Technical and clerical employees	Production employees
Percent of employees in establishment providing [2]—				
Paid funeral leave	(NA)	88	89	86
Profit sharing	(NA)	23	27	19
Savings and thrift	(NA)	39	31	18
Stock purchase	(NA)	16	14	10
Severance pay	(NA)	60	57	30
Employee discounts	(NA)	48	58	47
Relocation allowance	(NA)	75	38	22
Recreation facilities	(NA)	29	25	23
Subsidized meals	(NA)	27	24	16
Parking	(NA)	69	63	60
Educational assistance	(NA)	82	75	64
Mean number of—				
Paid holidays	9.8	10.0	9.6	9.8
Paid vacation days after—				
1 year	8.7	10.4	9.6	7.4
3 years	10.3	11.1	10.5	9.9
5 years	12.5	13.5	12.8	11.8
10 years	15.7	16.4	15.9	15.2
15 years	18.2	19.0	18.7	17.6
20 years	20.5	21.2	20.6	20.2
25 years	22.4	22.9	22.5	22.1

NA Not available. [1] Includes physician visits in hospitals, diagnostic x-ray and lab, and hospital auxiliary services.
[2] A benefit is defined as provided if all workers in the employment group were eligible for the benefit.

Source: U.S. Bureau of Labor Statistics, *Employee Benefits In Medium And Large Firms, 1983*, Bulletin 2213.

No. 705. Work Disability Status, by Occupation, Health and Pension Coverage, and Industry: 1981

[**In thousands, except percent.** For employed civilians, 16–64 years old. As of **March 1982.** Occupation system based on the 1970 Census. See text, p. 388. For definition of work disability, see table 635. Based on Current Population Survey; see Appendix III]

Occupation and coverage	With a work disability		With no work disability	
	Number	Percent	Number	Percent
Total employed	**3,545**	**3.7**	**91,756**	**96.3**
OCCUPATION				
Prof., technical and kindred	454	2.7	16,060	97.3
Mgr., administrators [1]	425	3.8	10,632	96.2
Sales workers	252	4.1	5,948	95.9
Clerical and kindred	478	2.7	17,191	97.3
Craft and kindred	524	4.4	11,432	95.6
Operatives [2]	519	4.1	12,196	95.9
Laborers [1]	183	4.5	3,892	95.5
Service workers	585	4.5	12,393	95.5
Farm workers	126	5.9	2,011	94.1
COVERAGE				
Worked in 1981	3,333	3.6	89,961	96.4
Covered by—				
Both health and pension	1,256	3.1	39,258	96.9
Health only	611	3.0	19,971	97.0
Pension only	115	3.3	3,343	96.7

Industry	With a work disability		With no work disability	
	Number	Percent	Number	Percent
Agriculture	147	5.5	2,510	94.5
Forestry and fisheries	6	3.9	149	96.1
Mining	35	3.2	1,065	96.8
Construction	228	4.3	5,067	95.7
Manufacturing	694	3.4	19,573	96.6
Durable goods	441	3.6	11,729	96.4
Nondurable goods	253	3.1	7,844	96.9
Transp., comm., and other public utilities	219	3.5	6,075	96.5
Wholesale trade	153	3.7	3,985	96.3
Retail trade	534	3.4	14,998	96.6
Finance, insurance, and real estate	196	3.3	5,727	96.7
Services [3]	1,115	3.9	27,750	96.1
Business services	148	5.4	2,588	94.6
Personal services	218	6.1	3,348	93.9
Public administration	218	4.3	4,856	95.7

[1] Excludes farm. [2] Includes transport. [3] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Population Report*, series P-23, No. 127.

No. 706. Effective Federal Minimum Hourly Wage Rates, 1950 to 1981, and Coverage in 1983

[Employee estimates as of **September 1983,** except as indicated. The Fair Labor Standards Act of 1938 and subsequent amendments provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from coverage are executives and administrators or professionals]

Effective date	Minimum rates for nonfarm workers			Minimum rates for farm workers [4]
	Laws prior to 1966 [1]	Percent, avg. earnings [2]	1966 and later [3]	
Jan. 25, 1950	$.75	54	(X)	(X)
Mar. 1, 1956	1.00	52	(X)	(X)
Sept. 3, 1961	1.15	50	(X)	(X)
Sept. 3, 1963	1.25	51	(X)	(X)
Feb. 1, 1967	1.40	50	$1.00	$1.00
Feb. 1, 1968	1.60	54	1.15	1.15
Feb. 1, 1969	([5])	([5])	1.30	1.30
Feb. 1, 1970	([5])	([5])	1.45	([5])
Feb. 1, 1971	([5])	([5])	1.60	([5])
May 1, 1974	2.00	46	1.90	1.60
Jan. 1, 1975	2.10	45	2.00	1.80
Jan. 1, 1976	2.30	46	2.20	2.00
Jan. 1, 1977	([5])	([5])	2.30	2.20
Jan. 1, 1978	2.65	44	2.65	2.65
Jan. 1, 1979	2.90	45	2.90	2.90
Jan. 1, 1980	3.10	45	3.10	3.10
Jan. 1, 1981	3.35	43	3.35	3.35

Sex, race, and industry	Nonsupervisory employees, 1983				
	Total (1,000)	Subject to minimum wage rates			
		Total (1,000)	Percent of total	Prior to 1966 [6 7] (1,000)	1966 and later [3 7] (1,000)
Total	**77,321**	**60,461**	**78.2**	**43,318**	**17,143**
Male	41,719	32,645	78.2	24,976	7,669
Female	35,602	27,816	78.1	18,342	9,474
White	67,829	53,066	78.2	38,703	14,363
Black and other	9,492	7,395	77.9	4,615	2,780
Black only	8,657	6,757	78.1	4,217	2,540
Private industry	**67,731**	**57,868**	**85.4**	**43,318**	**14,550**
Agriculture	1,620	623	38.5	–	623
Mining	896	892	99.6	892	–
Construction	3,853	3,831	99.4	3,225	606
Manufacturing	16,916	16,448	97.2	16,342	106
Transp., public utilities	4,499	4,468	99.3	4,390	78
Wholesale trade	4,532	3,613	79.7	3,378	235
Retail trade	13,920	11,587	83.2	6,113	5,474
Finance, insurance, real estate	4,705	3,567	75.8	3,427	140
Service	15,163	11,790	77.8	5,551	6,239
Private households	1,627	1,049	64.5	–	1,049
Government [8]	**9,590**	**2,593**	**27.0**	–	**2,593**

– Represents zero. X Not applicable. [1] Applies to workers covered prior to 1961 Amendments and, after Sept. 1965, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, $1.00; Sept. 1964, $1.15; and Sept. 1965, $1.25. [2] Percent of gross average hourly earnings of production workers in manufacturing. [3] Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. [4] Included in coverage as of 1966, 1974, and 1977 Amendments. [5] No change in rate. [6] Includes workers in retail-service establishments with less than $250,000 in gross annual sales which are part of enterprises covered under criteria in effect prior to the 1966 Amendments. These workers became subject under the 1974 Amendments. [7] Currently employed workers subject to provisions. [8] Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, *Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act*, 1981, annual, and unpublished data.

No. 707. Major Collective Bargaining Settlements—Average Percent Adjustments in Wages and Compensation Negotiated: 1970 to 1983

[**In percent, except as indicated.** Data represent private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing (including construction) industries. Data exclude possible adjustments in wages under cost-of-living adjustment clauses (COLA), except increases guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not]

ADJUSTMENTS	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Wages and benefits: [1]												
First year	13.1	7.1	10.7	11.4	8.5	9.6	8.3	9.0	10.4	10.2	3.2	3.4
Over life of contract [2]	9.1	6.1	7.8	8.1	6.6	6.2	6.3	6.6	7.1	8.3	2.8	3.0
Wage-rates: [3]												
All industries:												
First year	11.9	5.8	9.8	10.2	8.4	7.8	7.6	7.4	9.5	9.8	3.8	2.6
Contracts with COLA	(NA)	5.7	9.5	12.2	8.4	8.0	6.9	6.2	8.0	8.0	2.2	1.9
Contracts without COLA	(NA)	5.8	10.2	9.1	8.3	7.6	8.0	9.1	11.7	10.6	7.0	3.3
Over life of contract [2]	8.9	5.1	7.3	7.8	6.4	5.8	6.4	6.0	7.1	7.9	3.6	2.8
Contracts with COLA	7.3	4.9	6.1	7.1	5.7	5.0	5.3	4.6	5.0	5.5	2.1	2.0
Contracts without COLA	10.1	5.3	9.1	8.3	7.3	6.9	7.1	8.0	10.3	8.8	6.6	3.7
Manufacturing:												
First year	8.1	5.9	8.7	9.8	8.9	8.4	8.3	8.9	7.4	7.2	2.8	.4
Over life of contract [2]	6.0	4.9	6.1	8.0	6.0	5.5	6.6	5.4	5.4	6.1	2.6	2.1
Nonmanufacturing:												
First year	15.2	5.7	10.5	10.4	7.7	7.4	7.4	8.0	10.9	11.2	4.8	3.8
Over life of contract [2]	11.5	5.3	8.0	7.8	6.8	6.0	6.4	6.8	8.3	9.8	4.7	3.2
Number of workers affected (mil.)	4.7	5.3	5.1	2.9	4.1	4.0	2.5	3.5	3.8	2.4	3.3	3.1
Percent of wage and salary workers [4]	8.1	8.4	8.0	4.7	6.4	5.9	3.5	4.7	5.1	3.2	4.5	3.5
Manufacturing (mil.)	2.2	2.4	1.9	.8	2.1	1.6	.6	1.9	1.6	.8	1.7	1.1
Nonmanufacturing (mil.)	2.5	2.9	3.3	2.1	2.0	2.4	2.0	1.6	2.2	1.6	1.6	2.0

NA Not available. [1] Each settlement involved 5,000 or more workers. [2] Average annual rate of change.
[3] Each settlement involved 1,000 or more workers. [4] In private industry, excluding private household workers.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

No. 708. U.S. Membership in AFL-CIO Affiliated Unions by Selected Union: 1971 to 1983

[**In thousands.** Figures represent the labor organizations as constituted in 1983 and reflect past merger activity. Membership figures based on average per capita paid membership to the AFL-CIO for the 2-year period ending in June of the year shown and reflect only actively-employed members]

LABOR ORGANIZATION	1971	1975	1979	1983	LABOR ORGANIZATION	1971	1975	1979	1983
Total [1]	**13,177**	**14,070**	**13,621**	**13,758**	Hotel, Restaurant and Bartenders	300	421	373	340
Automobile, Aerospace and Agriculture (UAW)	(x)	(x)	(x)	1,010	Ironworkers	157	160	146	140
Bakery, Confectionery and Tobacco [2]	152	149	131	125	Laborers	475	475	476	444
Boiler Makers, Iron Shipbuilders	121	123	129	119	Letter Carriers (NALC)	151	151	151	175
Bricklayers	121	143	106	103	Machinists and Aerospace (IAM)	754	780	664	596
Carpenters [2]	714	712	629	609	Musicians	236	215	206	131
Clothing and Textile Workers (ACTWU) [2]	440	377	308	253	Oil, Chemical, Atomic Workers (OCAW)	149	145	146	124
Communication Workers (CWA)	415	476	485	573	Painters	160	160	160	150
Electrical Workers (IBEW)	760	856	825	820	Paperworkers Int'l [2]	245	275	262	241
Electronic, Electrical and Technical	283	255	243	192	Plumbing and Pipefitting	228	228	228	228
Engineers	300	300	313	345	Postal Workers	169	249	245	246
Firefighters	101	123	150	142	Railway, Airline, Steamship Clerks [2]	161	167	127	120
Food and Commercial Workers (UFCW) [2]	1,036	1,150	1,123	1,007	Retail, Wholesale Department Store [2]	122	120	122	110
Garment Workers (ILGWU)	363	363	314	258	Rubber, Cork, Linoleum, Plastic	169	173	158	108
Government, American Federation (AFGE)	286	255	236	204	Service Employees (SEIU) [2]	406	490	537	589
Graphic Communications [2]	220	198	171	154	State, County, Municipal (AFSCME)	458	647	889	959
					Steelworkers	950	1,062	964	707
					Teachers (AFT)	194	396	423	456

X Not applicable. [1] Includes other AFL-CIO affiliated unions, not shown separately. [2] Figures reflect mergers with one or more unions since 1971. For details see source.

Source: American Federation of Labor and Congress of Industrial Organizations, Washington, DC, *Report of the AFL-CIO Executive Council*, annual.

No. 709. Labor Organization Membership—Total and Percent of Nonagricultural Employment, by State: 1970 to 1980

[Data for 1970-1978 include approximately 332,000 members of single firms and local unaffiliated labor organizations distributed among the States; excluded in 1980]

STATE	TOTAL (1,000)				PERCENT OF EMPLOYMENT	
	1970	1974	1978	1980	1970	1980
U.S.	21,852	23,408	23,306	22,811	30.8	25.2
AL[1]	228	278	329	296	22.6	21.8
AK	32	45	53	57	34.4	33.6
AZ[1]	117	156	159	160	21.4	15.8
AR[1]	104	116	128	119	19.4	16.0
CA	2,477	2,607	2,659	2,661	35.7	27.0
CO	186	220	205	227	25.0	18.1
CT	329	382	356	327	27.5	22.9
DE	55	55	59	65	25.8	25.1
FL[1]	348	416	415	420	16.2	11.7
GA[1]	273	287	314	323	17.5	15.0
HI	89	129	134	113	30.3	27.9
ID	46	54	63	61	22.1	18.5
IL	1,613	1,684	1,590	1,487	37.3	30.6
IN	694	729	700	649	37.5	30.4
IA[1]	216	251	250	244	24.5	22.0
KS[1]	143	137	144	146	21.1	15.5
KY	293	309	311	290	32.2	24.0
LA	201	211	240	257	19.4	16.4
ME	73	83	100	101	22.0	24.1
MD[2]	499	545	546	527	24.5	22.6
MA	616	632	692	660	27.2	24.9
MI	1,307	1,388	1,382	1,289	43.5	37.4
MN	420	421	464	463	31.9	26.2
MS[1]	86	93	122	135	14.9	16.3
MO	624	595	598	544	37.5	27.6
MT	69	73	83	82	34.3	29.2
NE[1]	101	99	116	114	21.0	18.2
NV[1]	74	81	95	95	36.5	23.8
NH	55	58	61	61	21.2	15.8
NJ	815	898	810	784	31.2	25.6
NM	55	63	66	88	18.8	18.9
NY	2,876	3,215	2,877	2,792	40.2	38.7
NC[1]	167	201	242	228	9.4	9.6
ND[1]	35	38	45	42	21.4	17.1
OH	1,509	1,522	1,472	1,376	38.9	31.5
OK	143	148	177	174	18.8	15.3
OR	260	270	296	272	36.7	26.0
PA	1,741	1,849	1,741	1,644	40.0	34.6
RI	96	111	119	113	27.9	26.4
SC[1]	98	105	101	93	11.6	7.8
SD[1]	26	31	34	35	14.9	14.7
TN[1]	312	328	358	334	23.5	19.1
TX[1]	572	620	698	669	15.8	11.4
UT[1]	94	94	103	98	26.2	17.8
VT	31	37	43	36	21.0	18.0
VA[1]	277	288	311	318	18.2	14.7
WA	489	485	547	553	45.3	34.4
WV	242	239	248	222	46.8	34.4
WI	510	548	573	554	33.3	28.6
WY[1]	27	33	37	39	24.8	16.6
Unallocated	108	149	61	376	(x)	(x)

X Not available. [1] State has a right-to-work law. [2] Includes District of Columbia.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1971, 1975, 1979;* and unpublished data.

No. 710. Work Stoppages: 1947 to 1983

[Excludes work stoppages involving fewer than 1,000 workers and lasting less than 1 day. Information is based on reports of labor disputes appearing in daily newspapers, trade journals, and other public sources. The parties to the disputes are contacted by telephone, when necessary, to clarify details of the stoppages]

YEAR	Number of work stoppages[1]	Workers involved[2] (1,000)	DAYS IDLE	
			Number (1,000)	Percent estimated working time[3]
1947	270	1,629	25,720	(NA)
1950	424	1,698	30,390	.26
1955	363	2,055	21,180	.16
1960	222	896	13,260	.09
1965	268	999	15,140	.10
1967	381	2,192	31,320	.18
1968	392	1,855	35,567	.20
1969	412	1,576	29,397	.16
1970	381	2,468	52,761	.29
1971	298	2,516	35,538	.19
1972	250	975	16,764	.09
1973	317	1,400	16,260	.08
1974	424	1,796	31,809	.16
1975	235	965	17,563	.09
1976	231	1,519	23,962	.12
1977	298	1,212	21,258	.10
1978	219	1,006	23,774	.11
1979	235	1,021	20,409	.09
1980	187	795	20,844	.09
1981	145	729	16,908	.07
1982	96	656	9,061	.04
1983	81	909	17,461	.08

NA Not available. [1] Beginning in year indicated. [2] Workers counted more than once if involved in more than 1 stoppage during the year. [3] Agricultural and government employees are included in the total working time; private household, forestry and fishery employees are excluded.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments,* monthly.

No. 711. State and Local Governments—Full-Time Employment, Organized Employees, and Work Stoppages, 1975 to 1980, and by Function, 1980

[For October, except as noted]

Item	1975, total	1977, total	1978, total	1979, total	1980							
					Total [1]	Education			Highways	Hospitals	Police and fire protection	Public welfare
						Total	Instructional	Other				
Full-time employees (1,000):												
Total	9,397	9,861	9,948	10,193	10,314	4,844	3,129	1,715	526	1,007	793	361
State	2,540	2,677	2,736	2,839	2,868	890	296	594	253	523	72	169
Local	6,857	7,185	7,212	7,354	7,446	3,953	2,833	1,121	273	484	721	193
Membership in employee organizations (1,000): [2]												
Total	4,702	4,711	4,788	4,881	5,031	2,686	2,031	654	236	403	457	151
Percent of full-time employees	49.9	47.8	48.1	47.9	48.8	55.4	64.9	38.2	45.0	40.0	57.7	41.8
State	1,005	1,009	1,043	1,098	1,163	264	107	157	134	261	37	69
Local	3,697	3,701	3,745	3,783	3,868	2,422	1,924	497	103	142	420	82
Work stoppages (number): [3] [4]												
Total	490	485	488	553	502	287	225	62	45	20	63	14
State	36	33	27	46	22	7	4	3	–	4	1	1
Local	454	452	461	507	480	280	221	59	45	16	62	13
Employees involved in work stoppages (1,000): [3]												
Total	316	179	178	212	233	126	99	27	3	7	10	3
State	71	35	10	30	16	4	2	2	–	1	(z)	(z)
Local	245	144	169	182	217	122	97	25	3	6	10	3
Days of idleness (1,000): [3]												
Total	2,421	1,458	3,542	2,135	2,407	1,534	1,235	298	26	32	92	23
State	290	184	151	128	90	37	18	20	–	2	(z)	(z)
Local	2,130	1,274	3,391	2,007	2,317	1,496	1,218	278	26	30	92	23

– Represents zero. Z Less than 500. [1] Includes other functions, not shown separately. [2] Full-time employees only. [3] Represents period from October 16 of previous year to October 15 of year stated. [4] Contains duplication; each work stoppage is counted separately for each function affected, but only once in the total work stoppages.

Source: U.S. Bureau of the Census, *Labor-Management Relations in State and Local Governments: 1975, 1978, 1979, and 1980*, series GSS Nos. 81, 95, 100, and 102, and *1977 Census of Governments*, vol. 3, No. 3.

No. 712. Workers Killed or Disabled on the Job, 1945 to 1983, and by Industry Group, 1983

[1983 data are preliminary estimates. Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

Year	Deaths						Disabling injuries [2] (1,000)
	Total		Manufacturing		Nonmanufacturing		
	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	
1945	16.5	33	2.7	18	13.8	39	2,000
1950	15.5	27	2.6	17	12.9	31	1,950
1955	14.2	24	2.0	12	12.2	29	1,950
1960	13.8	21	1.8	10	12.1	25	1,950
1965	14.1	20	1.8	10	12.3	24	2,100
1970	13.8	18	1.7	9	12.1	21	2,200
1973	14.3	17	1.8	9	12.5	20	2,500
1974	13.5	16	1.7	8	11.8	18	2,300
1975	13.0	15	1.6	9	11.4	17	2,200
1976	12.5	14	1.7	9	10.8	16	2,200
1977	12.9	14	1.8	9	11.1	16	2,300
1978	13.1	14	1.8	9	11.3	15	2,200
1979	13.0	13	1.7	8	11.3	15	2,300
1980	13.2	13	1.7	8	11.5	15	2,200
1981	12.4	12	1.5	7	10.9	14	2,100
1982	11.5	12	1.1	6	10.4	13	1,900
1983	11.2	11	1.2	6	10.0	12	1,900

Year and industry group	Deaths		Disabling injuries [2] (1,000)
	Number (1,000)	Rate [1]	
1983, total	**11.2**	**11**	**1,900**
Agriculture [3]	1.9	55	200
Mining and quarrying	.5	50	40
Construction	2.0	37	200
Manufacturing	1.2	6	340
Transportation and utilities	1.3	25	140
Trade [4]	1.1	5	330
Service [5]	1.7	6	370
Government	1.5	10	280

[1] Per 100,000 workers. [2] Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury. [3] Includes forestry and fishing. [4] Includes wholesale and retail trade. [5] Includes finance, insurance and real estate.

Source: National Safety Council, Chicago, IL, *Accident Facts*, annual. (Copyright.)

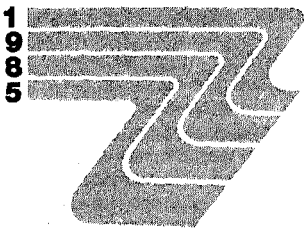
No. 713. Occupational Injury and Illness Incidence Rates, Selected Industries: 1975 to 1982

[**Rates per 100 full-time employees.** For nonfarm employment data, see table 690. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year) divided by total hours worked by all employees during year. Based on the 1972 *Standard Industrial Classification (SIC) Manual*]

SIC [1] code	INDUSTRY	TOTAL CASES [2]			LOST WORKDAY CASES			NONFATAL CASES, NO LOST WORKDAYS			LOST WORKDAYS	
		1975	1980	1982	1975	1980	1982	1975	1980	1982	1980	1982
(x)	**Private sector** [3]	9.1	8.7	7.7	3.3	4.0	3.5	5.8	4.7	4.2	65.2	58.7
A	**Agriculture, forestry, fishing** [3]	10.5	11.9	11.8	4.4	5.8	5.9	6.0	6.1	5.9	82.7	86.0
B	**Mining**	11.0	11.2	10.5	5.6	6.5	5.4	5.4	4.6	5.0	163.6	137.3
10	Metal mining	6.5	6.9	6.3	4.4	5.5	3.6	2.1	3.4	2.7	129.3	104.4
11	Anthracite mining	28.4	13.8	9.1	10.2	8.5	7.9	18.1	5.2	1.2	276.7	456.6
12	Bituminous coal and lignite	10.8	10.1	8.5	6.4	8.3	6.8	4.3	1.8	1.6	252.3	201.2
13	Oil and gas extraction	14.0	13.4	12.1	6.2	6.7	5.5	7.7	6.6	6.5	152.7	127.3
14	Nonmetallic minerals, exc. fuels	6.0	5.4	3.8	3.5	3.6	2.4	2.4	1.8	1.4	88.8	71.7
C	**Construction**	15.9	15.7	14.6	5.5	6.5	6.0	10.4	9.1	8.6	117.0	115.7
15	General building contractors	15.5	15.5	14.1	5.3	6.5	5.9	10.2	9.0	8.1	113.0	112.0
16	Heavy construction contractors	17.1	16.3	15.1	5.9	6.3	5.8	11.2	9.9	9.2	117.6	113.1
17	Special trade contractors	15.5	15.5	14.7	5.4	6.7	6.2	10.1	8.8	8.5	118.9	116.6
D	**Manufacturing**	13.0	12.2	10.2	4.5	5.4	4.4	8.5	6.8	5.8	86.7	75.0
(x)	Durable goods	14.2	12.9	10.6	4.8	5.6	4.5	9.4	7.3	6.1	90.9	76.1
24	Lumber and wood products	21.0	18.6	16.9	8.5	9.5	8.3	12.5	9.1	8.6	171.8	153.3
25	Furniture and fixtures	15.9	16.0	13.9	5.1	6.6	5.5	10.8	9.4	8.4	97.6	85.6
32	Stone, clay, and glass products	16.0	15.0	13.0	5.9	7.1	6.1	10.1	7.9	6.8	128.1	112.2
33	Primary metal industries	17.0	15.2	12.4	6.1	7.1	5.4	10.9	8.1	7.0	128.3	101.6
34	Fabricated metal products	19.1	18.5	15.3	6.6	8.0	6.4	12.5	10.5	8.9	118.4	102.5
35	Machinery, exc. electric	14.9	13.7	10.7	4.6	5.5	4.2	10.3	8.2	6.5	81.3	66.0
36	Electric and electronic equipment	8.5	8.0	6.5	2.5	3.3	2.7	6.0	4.7	3.8	51.8	42.2
37	Transportation equipment	12.4	10.6	9.2	4.5	4.9	4.0	7.9	5.7	5.1	82.4	72.2
38	Instruments and related products	6.9	6.8	5.6	2.1	2.7	2.3	4.8	4.1	3.3	41.8	37.0
39	Miscellaneous	11.3	10.9	9.9	3.6	4.3	4.1	7.7	6.5	5.8	67.9	69.9
(x)	Nondurable goods	11.4	11.1	9.7	4.1	5.0	4.3	7.3	6.1	5.3	80.4	73.5
20	Food and kindred products	18.3	18.7	16.7	7.3	9.0	8.0	11.0	9.7	8.7	136.8	129.3
21	Tobacco manufactures	10.3	8.1	7.2	3.9	3.8	3.2	6.4	4.3	4.0	45.8	44.6
22	Textile mill products	10.2	9.1	7.6	2.5	3.3	2.8	7.7	5.8	4.8	62.8	53.8
23	Apparel and other textile products	6.0	6.4	6.0	1.6	2.2	2.1	4.3	4.2	3.9	34.9	36.4
26	Paper and allied products	13.3	12.7	10.6	4.1	5.8	4.9	9.1	6.9	5.7	112.3	99.1
27	Printing and publishing	6.7	6.9	6.6	2.4	3.1	2.8	4.3	3.8	3.7	46.5	45.7
28	Chemicals and allied products	8.4	6.8	5.7	2.9	3.1	2.5	5.5	3.7	3.2	50.3	39.4
29	Petroleum and coal products	9.0	7.2	5.3	3.1	3.5	2.5	5.8	3.7	2.8	59.1	46.4
30	Rubber and misc. plastics products	15.7	15.5	12.7	6.7	7.4	6.0	9.0	8.1	6.7	118.6	100.9
31	Leather and leather products	11.2	11.7	9.9	3.8	5.0	4.5	7.4	6.7	5.4	82.7	86.5
E	**Transportation, public utilities**	9.4	9.4	8.5	4.7	5.5	4.9	4.7	3.8	3.6	104.5	96.7
40	Railroad transportation	8.5	11.1	9.0	4.9	7.2	5.9	3.6	3.8	3.1	107.6	88.0
41	Local passenger transit [4]	8.4	9.5	9.3	4.2	5.2	5.2	4.1	4.3	4.1	92.9	105.4
42	Trucking and warehousing	14.8	14.9	14.2	7.5	9.0	8.6	7.2	5.9	5.5	187.9	192.1
44	Water transportation	15.8	14.2	11.4	8.2	8.4	6.7	7.6	5.7	4.7	300.3	250.5
45	Air transportation	14.9	13.3	13.6	7.4	8.2	7.6	7.5	5.1	5.9	105.0	101.4
46	Pipelines, except natural gas	4.7	5.2	5.0	1.6	1.7	2.0	3.0	3.5	3.0	31.0	30.3
47	Transportation services	6.2	4.7	4.0	2.9	2.5	2.0	3.3	2.2	2.0	40.0	35.2
48	Communication	3.0	2.8	2.8	1.5	1.6	1.4	1.5	1.2	1.3	28.6	22.7
49	Electric, gas, sanitary services	9.3	8.6	7.6	3.7	4.3	3.9	5.6	4.2	3.7	70.8	65.3
F, G	**Wholesale and retail trade**	7.3	7.4	7.2	2.6	3.2	3.1	4.7	4.2	4.1	48.7	45.5
F	Wholesale trade	8.2	8.2	7.1	3.2	3.9	3.4	5.0	4.3	3.7	58.2	52.1
G	Retail trade	7.0	7.1	7.2	2.4	2.9	2.9	4.6	4.2	4.3	44.5	42.6
H	**Finance, insurance, real estate** [5]	2.2	2.0	2.0	.8	.8	.9	1.4	1.1	1.1	12.2	13.2
60	Banking	1.8	1.5	1.7	.6	.6	.7	1.2	.9	1.0	8.1	10.3
62	Security, commodity brokers	1.0	.8	.8	.4	.3	.3	.6	.5	.5	3.1	3.9
63	Insurance carriers	1.7	1.7	1.9	.6	.7	.8	1.1	1.0	1.1	10.8	11.4
65	Real estate	5.0	4.4	4.4	1.9	2.2	2.1	3.1	2.2	2.3	32.8	32.2
I	**Services** [5]	5.5	5.2	4.9	2.0	2.3	2.3	3.5	2.9	2.6	35.8	35.8
70	Hotels and other lodgings	8.2	8.9	9.0	2.6	3.7	3.6	5.6	5.2	5.4	50.8	53.4
72	Personal services	3.3	2.9	3.1	1.3	1.3	1.4	2.0	1.6	1.7	22.6	21.2
73	Business services	5.0	4.4	4.4	2.0	2.1	2.0	3.0	2.3	2.4	31.1	31.6
75	Auto repair, services, and garages	9.0	7.5	7.6	3.4	3.3	3.1	5.6	4.2	4.5	47.8	54.1
79	Amusement, recreation services	8.6	9.2	8.1	2.8	3.8	3.7	5.7	5.4	4.4	53.8	52.0
80	Health services	6.8	6.4	5.9	2.5	3.1	3.1	4.3	3.3	2.8	47.4	49.2
82	Educational services	3.5	3.3	3.4	1.4	1.4	1.5	2.0	1.9	1.9	18.6	19.4
86	Membership organizations	3.0	3.4	(B)	1.1	1.0	(B)	1.9	2.4	(B)	24.6	(B)
89	Miscellaneous services	2.3	1.6	1.3	.7	.7	.6	1.6	.9	.7	10.8	8.7

B Base figure too small to meet statistical standards for reliability. X Not applicable.
[1] Standard Industrial Classification. [2] "Cases" represents occurrences. Includes fatalities for all employers. [3] Excludes farms with fewer than 11 employees.
[4] Includes interurban. [5] Includes categories not shown separately.

Source: U.S. Bureau of Labor Statistics, *Occupational Injuries and Illnesses in the United States by Industry*, annual.



Section 15

Income, Expenditures, and Wealth

This section presents data on gross national product (GNP), national and personal income, saving and investment, money income, poverty, and national and personal wealth. The data on income and expenditure measure two aspects of the U.S. economy. One aspect relates to the national income and product accounts (NIPA), a summation reflecting the entire complex of the Nation's economic income and output and the interaction of its major components; the other relates to the distribution of money income to families and individuals, or consumer income.

The primary source for data on GNP, national and personal income, and gross saving and investment is the *Survey of Current Business,* published monthly, with supplements, by the Department of Commerce, Bureau of Economic Analysis (BEA). A comprehensive revision to the NIPA was completed in December 1980. A discussion of the revision and of the conceptual framework of the NIPA appears in the December 1980 *Survey of Current Business.* Detailed historical data appear in *The National Income and Product Accounts of the United States, 1929-76,* and a special supplement to the *Survey, National Income and Product Accounts, 1976-79;* detailed data for the most recent years are normally published each July in the *Survey.*

Sources of income distribution data are the decennial censuses of population and the Current Population Survey (CPS), both products of the Bureau of the Census (see text, pages 1 and 2). Annual data on income of families, individuals, and households, by income class, are presented in *Current Population Reports—Consumer Income,* series P-60.

Data on individuals' saving and assets are published by the Board of Governors of the Federal Reserve System in the quarterly *Flow of Funds Accounts;* and detailed information on personal wealth is published periodically by the Internal Revenue Service (IRS) in *SOI Bulletin.*

National income and product.—*Gross national product* (GNP) is the total national output of goods and services valued at market prices. GNP can be viewed in terms of expenditure categories which comprise purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values (estimates of "income in kind"), the most important of which is rental value of owner-occupied housing. GNP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents. GNP differs from "national income" mainly in that GNP includes allowances for depreciation and for indirect business taxes (sales and property taxes); see table 717. *Gross domestic product* is GNP minus gross product originating outside the U.S.

National income is the aggregate of labor and property earnings which arises in the current production of goods and services by the Nation's economy. It is the sum of employee compensation, proprietors' income, rental income, corporate profits, and net interest. Thus, it measures the total factor costs of the goods and services produced by the economy. Income is measured before deduction of taxes on income.

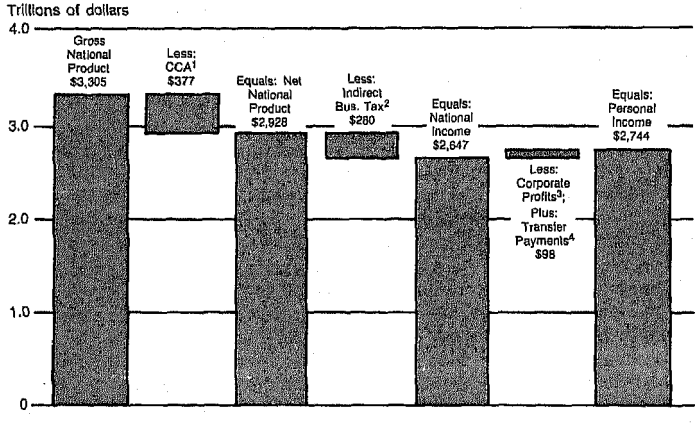
Capital consumption adjustment for corporations and nonfarm sole proprietorships and partnerships is the difference between capital consumption (i.e., depreciation charges and accidental damage to fixed business capital) claimed on income tax returns and capital consumption allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. The tax return data are valued at historical costs and reflect changes over time in service lives and depreciation patterns as permitted by tax regulations. *Inventory valuation adjustment* represents the difference between the book value of inventories used up in production and the cost of replacing them.

Personal income is the current income received by persons from all sources minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as Social Security benefits, military pensions, etc., but excludes transfers among persons. Also included are certain nonmonetary types of income—chiefly, estimated net

rental value to owner-occupants of their homes and the value of services furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

Disposable personal income is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes and motor vehicle licenses. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by government.

Figure 15.1
Relation of Gross National Product, National Income, and Personal Income: 1983



[1]Capital consumption allowances. [2]Less: Current surplus of government enterprises plus subsidies. [3]Also--Less net interest and contributions for social insurance. [4]Also--Plus personal interest and personal dividend income.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 717.

Distribution of money income to families and individuals.—Money income statistics are based on data collected in various field surveys of income conducted since 1936. Since 1947, the Bureau of the Census has collected the data on an annual basis and published them in *Current Population Reports,* series P-60. In each of the surveys, enumerators interview representative samples of the population with respect to income received during the previous year. Money income as defined by the Bureau of the Census differs from the BEA concept of "personal income."

Data on consumer income collected in the CPS by the Bureau of the Census cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Therefore, money income does not reflect the fact that some families receive part of their income in the form of noncash benefits (see Section 13) such as food stamps, health benefits, and subsidized housing; that some farm families receive noncash benefits in the form of rent-free housing and goods produced and consumed on the farm; or that noncash benefits are also received by some nonfarm residents which often take the form of the use of business transportation and facilities, full or partial payments by business for retirement programs, medical and educational expenses, etc. These elements should be considered when comparing income levels. For data on noncash benefits, see Section 13. None of the aggregate income concepts (GNP, national income, or personal income) is exactly comparable with money income, although personal income is the closest.

Several changes were made in the collection and presentation of data from the March 1980 CPS. The changes include (1) the use of a more detailed income questionnaire for all sample households, (2) the use of an expanded sample, (3) the implementation of the "householder" concept rather than the traditional "head" concept, (4) the exclusion of a small number of "secondary families" from the count of all families, (5) the use of more detailed income intervals in the upper range of the income distribution, (6) the introduction of the new farm definition, and (7) the restriction of the population with income to persons 15 years old and over. For more information on the impact and comparability, see the source.

Beginning in the March 1981 Current Population Survey, 1980 census population controls were used; for income years 1971 through 1979, 1970 census population controls had been used. This change had little impact on income summary measures (means and medians) and proportional measures (percent distributions and poverty rates); however, use of the controls may have significant impact on the absolute numbers.

Poverty.—Families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits such as food stamps, medicaid, and public housing. The index is based on the Department of Agriculture's 1961 economy food plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index. The following technical changes to the thresholds were made in 1981: (1) distinctions based on sex of householder have been eliminated; (2) separate thresholds for farm families have been dropped; and (3) the matrix has been expanded to families of nine or more persons from the old cutoff of seven or more persons. These changes have been incorporated in the calculation of poverty data beginning with 1981. The table below shows the average thresholds used for selected years between 1970 and 1983. See *Current Population Reports,* series P-60, No. 138, for more details.

WEIGHTED AVERAGE POVERTY LEVELS BASED ON MONEY INCOME FOR FAMILIES AND UNRELATED INDIVIDUALS: 1970 TO 1983

SIZE OF UNIT	1970 [1]	1975 [1]	1979 [1]	1980 [1]	1981	1982	1983
1 person (unrelated individual)	$1,954	$2,724	$3,689	$4,190	$4,620	$4,901	$5,061
Under 65 years	2,010	2,797	3,779	4,290	4,729	5,019	5,180
65 years and over	1,861	2,581	3,479	3,949	4,359	4,626	4,775
2 persons	2,525	3,506	4,725	5,363	5,917	6,281	6,483
Householder under 65 years	2,604	3,617	4,878	5,537	6,111	6,467	6,697
Householder 65 years and over	2,348	3,257	4,390	4,983	5,498	5,836	6,023
3 persons	3,099	4,293	5,784	6,565	7,250	7,693	7,938
4 persons	3,968	5,500	7,412	8,414	9,287	9,862	10,178
5 persons	4,680	6,499	8,775	9,966	11,007	11,684	12,049
6 persons	5,260	7,316	9,914	11,269	12,449	13,207	13,630
7 or more persons	6,468	9,022	12,280	13,955	(NA)	(NA)	(NA)
7 persons	(NA)	(NA)	(NA)	(NA)	14,110	15,036	15,500
8 persons	(NA)	(NA)	(NA)	(NA)	15,655	16,719	17,170
9 or more persons	(NA)	(NA)	(NA)	(NA)	18,572	19,698	20,310

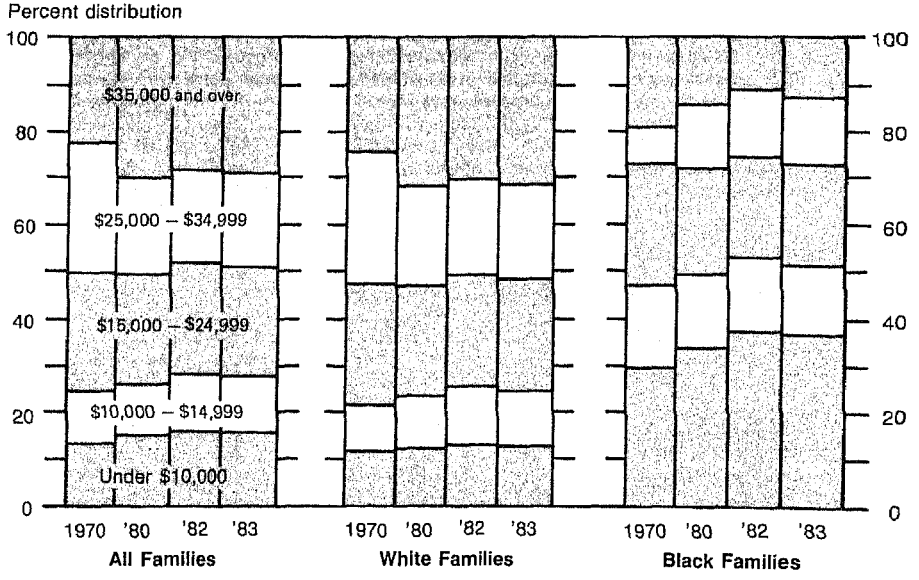
NA Not available. [1] Poverty levels for nonfarm families.

Personal wealth.—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Estimates are weighted to adjust for age, sex, and "social class" (as determined by IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. The level of gross estate or gross assets required for filing estate tax returns increased from $60,000 which defined top wealthholders in 1972, to $120,000 for 1976. Net worth is one's level of worth after all debts have been removed. At the time of publication, data for 1976 were the most recent available, though there were some 1981 estimates available for selected measures as reported in the summer 1983 *SOI Bulletin.*

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau data, see Appendix III.

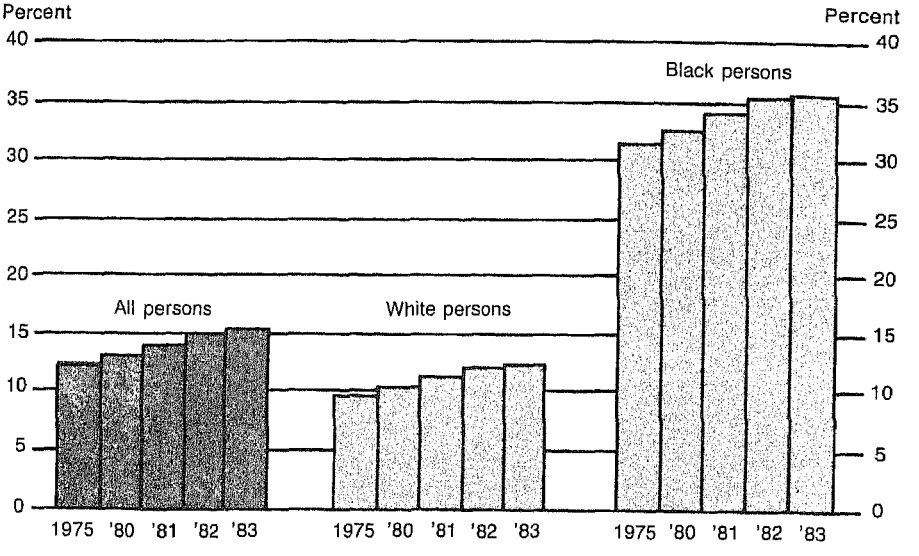
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 15.2
Monthly Income of Families in Constant (1983) Dollars: 1970 to 1983



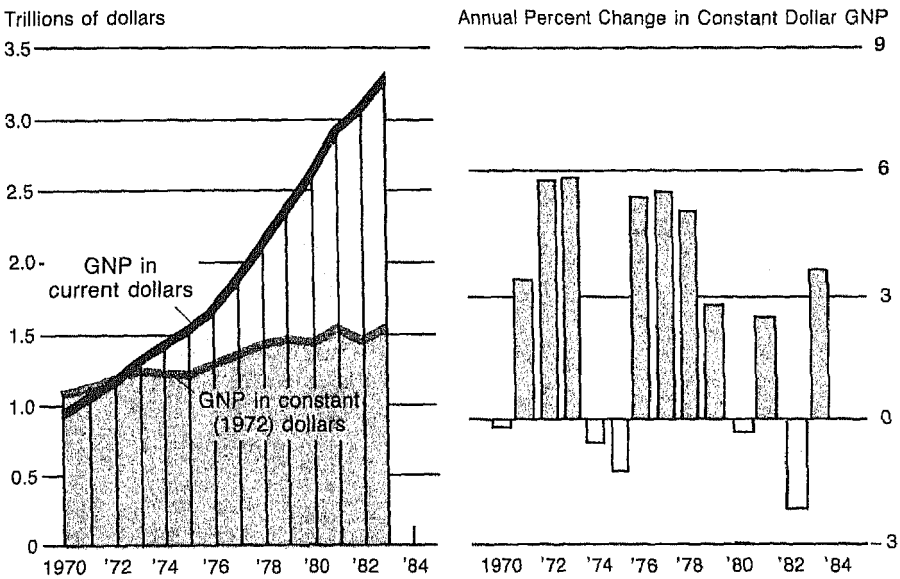
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 742.

Figure 15.3
Percent of Persons Below Poverty Level: 1975 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 758.

Figure 15.4
Gross National Product (GNP): 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 715.

NO. 714. GROSS NATIONAL PRODUCT—SUMMARY: 1929 TO 1983

[**In billions of dollars.** Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series F 1 and F 32-70, for single-year figures prior to revisions issued in 1981]

YEAR	Gross national product	Personal consumption expenditure	Gross private domestic investment	Net exports of goods and services	Govt. purchases, goods and services	BY MAJOR TYPE OF PRODUCT			BY SECTOR			
						Goods	Services	Structures	Business	Households and institutions	Government	Rest of the world
1929	103.4	77.3	16.2	1.1	8.8	56.1	35.9	11.4	95.4	2.9	4.3	.8
1930	90.7	69.9	10.2	1.0	9.5	47.0	34.5	9.2	82.8	2.7	4.5	.7
1933	55.8	45.8	1.4	.4	8.2	27.0	25.9	2.9	49.1	1.7	4.7	.3
1940	100.0	71.0	13.1	1.8	14.2	56.0	35.7	8.3	89.4	2.4	7.8	.4
1945	212.4	119.5	10.6	−.5	82.8	128.9	77.0	6.5	172.8	4.1	35.2	.4
1950	286.5	192.0	53.8	2.2	38.5	162.4	88.5	35.6	257.5	6.4	20.9	1.6
1955	400.0	253.7	68.4	3.0	75.0	214.5	136.1	49.5	354.0	9.1	34.2	2.8
1960	506.5	324.9	75.9	5.5	100.3	254.2	193.8	58.5	442.0	13.8	47.1	3.6
1965	691.1	430.4	113.5	8.8	138.4	338.4	273.3	79.3	598.4	19.2	67.6	5.9
1970	992.7	621.7	144.2	6.7	220.1	459.9	429.9	102.9	837.3	32.3	115.8	7.3
1971	1,077.6	672.2	166.4	4.1	234.9	485.3	472.0	120.3	907.1	35.4	126.0	9.2
1972	1,185.9	737.1	195.0	.7	253.1	529.6	519.0	137.3	998.6	38.6	137.8	10.9
1973	1,326.4	812.0	229.8	14.2	270.4	604.1	571.5	150.8	1,116.7	42.1	149.6	16.0
1974	1,434.2	888.1	228.7	13.4	304.1	646.7	636.1	151.4	1,206.4	45.8	162.2	19.8
1975	1,549.2	976.4	206.1	26.8	339.9	694.0	705.2	150.0	1,301.7	50.6	179.6	17.3
1976	1,718.0	1,084.3	257.9	13.8	362.1	771.1	779.3	167.6	1,447.3	55.6	194.6	20.5
1977	1,918.3	1,204.4	324.1	−4.0	393.8	855.0	867.2	196.1	1,624.0	60.5	210.3	23.5
1978	2,163.9	1,346.5	386.6	−1.1	431.9	958.6	972.2	233.1	1,837.2	67.8	229.3	29.6
1979	2,417.8	1,507.2	423.0	13.2	474.4	1,065.6	1,089.7	262.5	2,052.1	75.6	247.4	42.6
1980	2,631.7	1,668.1	401.9	23.9	537.8	1,140.6	1,225.2	265.9	2,228.1	85.3	273.0	45.3
1981	2,957.8	1,849.1	484.2	28.0	596.5	1,294.8	1,373.0	289.9	2,511.9	96.2	299.4	50.3
1982	3,069.3	1,984.9	414.9	19.0	650.5	1,276.8	1,510.8	281.7	2,589.0	107.4	324.9	48.0
1983	3,304.8	2,155.9	471.6	−8.3	685.5	1,355.7	1,639.3	309.8	2,790.8	116.5	349.2	48.3

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 715. GNP in Current and Constant (1972) Dollars: 1965 to 1983

[**In billions of dollars, except as indicated.** See *Historical Statistics, Colonial Times to 1970*, series F 1, F 5, and F 47–70 for single-year figures prior to revisions issued in 1981]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS												
Gross national product (GNP)	**691**	**993**	**1,434**	**1,549**	**1,718**	**1,918**	**2,164**	**2,418**	**2,632**	**2,958**	**3,069**	**3,305**
Avg. annual percent change [1]	6.4	7.5	9.6	8.0	10.9	11.6	12.8	11.7	8.9	12.4	3.8	7.7
Implicit price deflator [2]	74.4	91.5	115.1	125.8	132.3	140.1	150.4	163.4	178.4	195.1	206.9	215.6
Personal consumption expenditure	**430**	**622**	**888**	**976**	**1,084**	**1,204**	**1,346**	**1,507**	**1,668**	**1,849**	**1,965**	**2,156**
Durable goods	63	85	122	132	157	178	200	213	215	235	245	260
Nondurable goods	189	266	373	407	442	479	528	600	669	731	758	802
Services	179	271	393	437	486	547	618	694	785	883	982	1,074
Gross private domestic investment	**114**	**144**	**229**	**206**	**258**	**324**	**387**	**423**	**402**	**484**	**415**	**472**
Fixed investment	104	141	215	213	246	301	360	409	412	458	441	485
Nonresidential	73	104	157	158	174	205	249	290	309	354	350	353
Residential	31	37	58	55	72	96	111	119	103	104	91	132
Change in business inventories	10	3	14	−7	12	23	26	14	−10	26	−26	−13
Net exports	**9**	**7**	**13**	**27**	**14**	**−4**	**−1**	**13**	**24**	**28**	**19**	**−8**
Exports, goods and services	41	66	146	155	171	183	219	281	339	370	348	336
Imports, goods and services	32	59	133	128	157	187	220	268	315	342	329	344
Government purchases [3]	**138**	**220**	**304**	**340**	**362**	**394**	**432**	**474**	**538**	**596**	**650**	**686**
Federal	67	96	111	123	129	143	154	168	197	229	259	270
National defense	49	74	77	83	86	93	100	112	131	154	180	200
State and local	71	124	193	217	233	250	278	306	341	368	392	416
Final sales [4]	**681**	**990**	**1,420**	**1,556**	**1,706**	**1,895**	**2,137**	**2,403**	**2,641**	**2,932**	**3,043**	**3,291**
CONSTANT (1972) DOLLARS												
Gross national product (GNP)	**929**	**1,086**	**1,246**	**1,232**	**1,298**	**1,370**	**1,439**	**1,479**	**1,475**	**1,512**	**1,480**	**1,535**
Avg. annual percent change [1]	4.7	3.2	3.5	−1.1	5.4	5.5	5.0	2.8	−.3	2.5	−2.1	3.7
Personal consumption expenditure	**557**	**672**	**763**	**779**	**823**	**864**	**903**	**928**	**932**	**950**	**963**	**1,009**
Durable goods	73	89	112	113	127	138	147	147	137	141	140	157
Nondurable goods	244	284	303	307	322	333	344	353	356	361	363	376
Services	241	299	348	359	375	393	412	427	439	449	460	475
Gross private domestic investment	**152**	**159**	**195**	**155**	**185**	**214**	**237**	**236**	**209**	**231**	**194**	**221**
Fixed investment	140	155	184	162	177	201	221	229	213	220	205	225
Nonresidential	97	114	136	119	126	140	158	170	166	175	167	171
Residential	43	41	48	42	51	61	62	59	47	45	38	54
Change in business inventories	12	4	12	−7	8	13	16	7	−4	11	−10	−4
Net exports	**10**	**4**	**28**	**32**	**25**	**22**	**24**	**37**	**50**	**44**	**30**	**13**
Exports, goods and services	52	70	108	104	110	113	127	146	159	160	148	139
Imports, goods and services	42	67	81	71	85	91	103	109	109	116	118	127
Government purchases [3]	**210**	**251**	**260**	**265**	**265**	**269**	**275**	**278**	**284**	**287**	**293**	**292**
Federal	100	111	97	97	97	100	100	102	106	110	117	116
National defense	(NA)	(NA)	67	66	65	65	66	67	70	74	79	85
State and local	110	140	164	168	168	169	174	176	178	177	176	176
Final sales [4]	**917**	**1,082**	**1,235**	**1,238**	**1,290**	**1,356**	**1,423**	**1,472**	**1,479**	**1,501**	**1,470**	**1,531**

NA Not available. [1] Change from prior year shown; for 1965, change from 1960. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] 1972=100. [3] Purchases of goods and services. [4] GNP minus inventory change.

No. 716. GNP Components—Annual Growth Rates: 1965 to 1983

[**Percent.** Represents changes in constant 1972 dollar GNP. GNP = Gross national product. See headnote, table 720. Minus sign (−) indicates decline]

YEAR OR PERIOD	GNP	PERSONAL CONSUMPTION EXPENDITURE				GROSS PRIVATE DOMESTIC INVESTMENT			GOVERNMENT PURCHASES		Imports	Exports
		Total	Durable goods	Nondurable goods	Services	Total	Fixed investment		Federal	State and local		
							Residential	Nonresidential				
1965–1970	3.2	3.8	4.2	3.1	4.4	.9	−.9	3.2	2.0	5.1	9.9	6.4
1970–1971	3.4	3.7	10.2	1.7	3.6	9.7	31.0	−1.4	−6.2	4.2	4.2	.7
1971–1972	5.7	5.8	13.1	4.1	5.0	12.2	18.9	7.9	−2.0	3.5	10.6	9.2
1972–1973	5.8	4.2	9.2	2.2	4.3	11.5	−2.4	14.1	−5.7	4.0	6.6	25.6
1973–1974	−.6	−.7	−7.4	−1.6	2.6	−10.1	−22.7	−1.7	.8	3.9	−1.3	11.5
1974–1975	−1.1	2.2	.3	1.6	3.3	−20.8	−12.4	−12.1	.8	2.6	−11.6	−4.8
1975–1976	5.4	5.6	12.3	4.7	4.3	19.2	21.3	5.2	−.7	.4	18.6	6.3
1976–1977	5.5	5.0	9.0	3.6	4.9	16.1	18.6	11.7	3.8	.2	7.3	2.6
1977–1978	5.0	4.5	6.4	3.3	4.8	10.5	2.8	12.9	−.1	3.3	13.0	12.2
1978–1979	2.8	2.7	.3	2.5	3.7	−.2	−5.2	7.3	1.8	1.1	6.1	15.4
1979–1980	−.3	.5	−6.6	.7	2.7	−11.8	−20.4	−2.4	4.2	1.0	−.2	8.9
1980–1981	2.5	2.0	2.5	1.5	2.3	10.7	−5.4	5.6	3.6	−.6	7.0	.7
1981–1982	−2.1	1.4	−.3	.6	2.5	−15.8	−15.0	−4.7	6.1	−.6	1.3	−7.8
1982–1983	3.7	4.8	12.1	3.7	3.4	13.7	41.7	2.5	−.6	(−z)	7.6	−5.5

Z Less than −.05.

Source of tables 715 and 716: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 717. Relation of GNP, National Income, and Personal Income: 1965 to 1983

[**In billions of dollars.** For definitions, see pp. 427–429. See *Historical Statistics, Colonial Times to 1970*, series F 6-9 and F 144-162, for figures prior to revisions issued in 1981]

ITEM	1965	1970	1975	1978	1979	1980	1981	1982	1983
Gross national product	691.1	992.7	1,549.2	2,163.9	2,417.8	2,631.7	2,957.8	3,069.3	3,304.8
Less: Capital consumption allowances [1]	56.0	88.1	159.3	222.5	256.0	293.2	330.3	358.8	377.1
Equals: Net national product [2]	635.0	904.7	1,389.9	1,941.4	2,161.7	2,338.5	2,627.5	2,710.4	2,927.7
Plus: Subsidies [3]	1.6	2.9	2.4	3.7	3.4	5.5	6.1	8.8	15.6
Less: Indirect business tax and nontax liability	62.6	94.3	140.1	178.2	189.6	213.4	251.3	258.8	280.4
Equals: National income	572.4	810.7	1,239.4	1,760.3	1,965.7	2,116.6	2,363.8	2,446.8	2,646.7
Less: Corporate profits [2] [4]	80.0	71.4	110.5	192.4	194.8	175.4	189.9	159.1	225.2
Net interest	21.0	41.4	84.5	121.7	153.8	192.6	241.0	260.9	256.6
Contributions for social insurance	30.0	58.6	110.9	161.8	186.9	203.7	236.8	251.3	272.7
Plus: Government transfer payments to persons	37.6	76.1	170.9	214.6	240.0	285.9	324.4	361.9	369.3
Personal interest income	39.7	69.4	123.2	179.4	218.7	266.0	331.8	366.6	376.3
Personal dividend income	19.1	22.2	29.9	45.3	50.8	56.8	64.3	66.5	70.3
Business transfers	2.8	4.1	7.4	9.3	10.3	11.7	12.9	14.1	15.6
Equals: Personal income	540.7	811.1	1,265.0	1,732.7	1,951.2	2,165.3	2,429.5	2,584.6	2,744.2
Less: Personal tax and nontax payments	64.9	115.8	168.9	258.7	301.0	336.5	387.7	404.1	404.2
Equals: Disposable personal income	475.8	695.3	1,096.1	1,474.0	1,650.2	1,828.9	2,041.7	2,180.5	2,340.1
Less: Personal outlays	442.1	639.5	1,001.8	1,384.6	1,553.5	1,718.7	1,904.3	2,044.5	2,222.0
Equals: Personal saving	33.7	55.8	94.3	89.4	96.7	110.2	137.4	136.0	118.1

[1] With capital consumption adjustment. [2] Includes items not shown separately. [3] Less current surplus of government enterprises. [4] With inventory valuation and capital consumption adjustments.

No. 718. Gross National Product, by Industry: 1970 to 1983

[**In billions of dollars.** The current-dollar data differ from national income by industry (table 727) for two reasons: (1) Data include now-factor charges (capital consumption allowances and indirect business taxes, etc.) as well as factor charges against gross product; and (2) Corporate profits have been shifted from a company to an establishment basis. See *Historical Statistics, Colonial Times to 1970*, series F 130-143, for single-year figures prior to revisions issued in 1981]

INDUSTRY	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
All industries, total	992.7	1,549.2	2,631.7	2,957.8	3,069.3	3,304.8	1,085.6	1,231.6	1,475.0	1,512.2	1,480.0	1,534.7
Agriculture, forestry, fisheries	28.6	53.3	76.8	90.4	85.5	72.7	34.4	37.1	39.9	45.3	44.1	39.1
Mining	17.6	38.8	96.0	132.3	125.1	112.4	18.9	18.9	21.6	22.5	21.6	21.0
Construction	48.9	69.9	119.8	122.8	123.7	130.7	53.4	48.3	52.2	50.1	48.9	50.2
Manufacturing	252.2	358.2	581.5	643.6	630.6	685.2	261.2	289.6	351.0	359.7	336.6	354.1
Durable	146.2	207.6	350.4	386.8	364.0	389.7	155.2	168.8	210.2	216.3	196.9	208.2
Nondurable	105.9	150.6	231.1	256.8	266.5	295.5	106.0	120.8	140.8	143.4	139.7	145.9
Transportation	38.7	55.6	98.5	106.0	106.4	114.9	42.7	46.2	52.2	50.5	45.9	47.3
Communication	23.8	40.0	67.0	76.7	85.9	92.4	26.1	36.2	52.7	55.7	57.2	58.9
Electric, gas, sanitary services	23.1	40.1	66.4	78.4	88.4	99.4	26.1	31.1	34.7	36.6	35.5	36.3
Trade	166.5	266.2	428.8	474.1	489.6	536.2	176.4	209.7	246.0	252.7	250.3	266.7
Wholesale	68.2	117.3	190.5	212.2	211.7	228.9	72.1	88.0	104.2	108.8	107.6	114.4
Retail	98.4	148.9	238.2	261.9	277.9	307.3	104.4	121.7	141.7	143.9	142.7	152.3
Finance, insurance, real estate	142.4	216.2	398.7	450.1	491.0	542.5	155.8	187.9	235.6	243.6	248.1	253.5
Services	114.4	186.2	342.6	389.4	430.9	477.5	126.7	148.5	189.1	197.6	200.2	206.8
Government [1]	130.5	202.0	308.1	338.1	364.7	392.1	152.9	164.3	177.5	178.1	177.9	178.3
Statistical discrepancy	−1.5	5.5	2.3	5.6	−.5	.5	−1.7	4.4	1.3	2.9	−.3	.2
Residual	(x)	(x)	(x)	(x)	(x)	(x)	4.7	−4.2	−4.6	−8.9	−9.4	−.4
Rest of the world	7.3	17.3	45.3	50.3	48.0	48.3	8.0	13.8	25.7	25.9	23.3	22.5

X Not applicable. [1] Includes government enterprises.

No. 719. Per Capita Income and Product for Selected Items: 1965 to 1983

[Based on Bureau of the Census estimated population including Armed Forces abroad; based on quarterly averages. See *Historical Statistics, Colonial Times to 1970*, series F 17-30, for single-year figures prior to minor revisions issued in 1981]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS											
Gross national product	3,556	4,841	7,173	7,878	8,708	9,720	10,741	11,558	12,856	13,210	14,090
Personal income	2,782	3,955	5,857	6,379	6,993	7,783	8,668	9,510	10,560	11,124	11,700
Disposable personal income	2,448	3,390	5,075	5,477	5,965	6,621	7,331	8,032	8,874	9,385	9,977
Personal consumption expenditures	2,214	3,031	4,521	4,972	5,468	6,048	6,695	7,326	8,037	8,543	9,192
Durable goods	324	415	612	719	809	899	948	943	1,023	1,055	1,193
Nondurable goods	971	1,296	1,886	2,025	2,174	2,373	2,666	2,937	3,176	3,260	3,418
Services	920	1,320	2,023	2,227	2,485	2,776	3,082	3,445	3,838	4,227	4,581
CONSTANT (1972) DOLLARS											
Gross national product	4,782	5,293	5,702	5,953	6,218	6,462	6,572	6,478	6,573	6,370	6,543
Disposable personal income	3,171	3,665	4,051	4,158	4,280	4,441	4,512	4,487	4,561	4,555	4,670
Personal consumption expenditures	2,868	3,277	3,609	3,774	3,924	4,057	4,121	4,093	4,131	4,146	4,303
Durable goods	374	434	522	580	626	659	654	604	612	605	671
Nondurable goods	1,255	1,384	1,424	1,476	1,513	1,547	1,568	1,562	1,568	1,563	1,605
Services	1,239	1,459	1,664	1,718	1,784	1,851	1,898	1,927	1,951	1,979	2,027

Source of tables 717–719: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 720. Annual Growth Rates of Real GNP: 1966 to 1983

[**Percent.** Figures represent average annual compounded rates of change in real gross national product, based on estimates by Dept. of Commerce of gross national product (expressed in constant 1972 dollars). Minus sign (–) indicates decline. To obtain annual rate of change between any 2 years shown, find column for initial year at top of table and read figure in that column opposite terminal year shown at left. See *Historical Statistics, Colonial Times to 1970*, series F 31, for single-year figures prior to revisions issued in 1981]

TERMINAL YEAR	INITIAL YEAR																
	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
1966	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1967	2.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1968	3.7	4.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1969	3.4	3.7	2.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1970	2.5	2.4	1.3	–.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1971	*2.7*	*2.6*	*2.0*	*1.6*	*3.4*	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1972	3.2	3.2	2.9	2.9	4.5	5.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1973	3.5	3.7	3.5	3.6	4.9	5.7	5.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1974	3.0	3.0	2.8	2.8	3.5	3.6	2.5	–.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1975	2.5	2.5	2.2	2.1	2.6	2.4	1.3	–.9	–1.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1976	2.8	2.8	2.6	2.6	3.0	3.0	2.3	1.2	2.1	5.4	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1977	3.0	3.1	2.9	2.9	3.4	3.4	2.9	2.2	3.2	5.5	5.5	(x)	(x)	(x)	(x)	(x)	(x)
1978	3.2	3.3	3.1	3.2	3.6	3.6	3.3	2.8	3.7	5.3	5.3	5.0	(x)	(x)	(x)	(x)	(x)
1979	3.2	3.2	3.1	3.1	3.5	3.5	3.2	2.8	3.5	4.7	4.5	3.9	2.8	(x)	(x)	(x)	(x)
1980	2.9	2.9	2.8	2.8	3.1	3.1	2.8	2.3	2.9	3.7	3.2	2.5	1.3	–.3	(x)	(x)	(x)
1981	2.9	2.9	2.8	2.8	3.1	3.0	2.7	2.4	2.8	3.5	3.1	2.5	1.7	1.2	2.5	(x)	(x)
1982	2.6	2.6	2.4	2.4	2.6	2.6	2.2	1.9	2.2	2.7	2.2	1.6	.7	(z)	.2	–2.1	(x)
1983	2.6	2.6	2.5	2.5	2.7	2.6	2.4	2.0	2.3	2.8	2.4	1.9	1.3	.9	1.3	.7	3.7

X Not applicable. Z Less than .05.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970.*

No. 721. Annual Growth Rates of Real Gross Domestic Product—International Comparisons, Selected Periods: 1950 to 1982

[**In percent.** See headnote, table 720. See also *Historical Statistics, Colonial Times to 1970*, series F 10–16. Minus sign (–) indicates decline]

COUNTRY	1950–82	1950–60	1960–70	1970–80	1973–74	1974–75	1975–76	1976–77	1977–78	1978–79	1979–80	1980–81	1981–82
United States	3.1	3.2	3.9	2.9	–.7	–.7	4.9	5.2	4.7	2.3	.2	3.0	–2.4
Per capita	1.8	1.4	2.5	1.9	–1.6	–1.7	3.9	4.2	3.6	1.2	–1.4	2.0	–3.3
Canada	4.3	4.6	5.2	4.1	3.5	1.1	6.1	2.2	3.9	3.4	1.0	4.0	–4.2
Per capita	2.5	1.9	3.4	2.9	2.0	–.4	4.8	1.0	2.8	2.4	–.2	2.8	–5.2
France	4.4	4.6	5.6	3.6	3.2	.2	5.2	3.1	3.8	3.3	1.1	.3	1.6
Per capita	3.5	3.6	4.5	3.1	2.6	–.3	4.8	2.7	3.4	2.9	.6	–.2	1.1
Germany, F.R.	4.7	8.0	4.6	2.8	.5	–1.7	5.5	3.1	3.1	4.2	1.8	–.1	–1.0
Per capita	3.9	6.4	3.6	2.7	.4	–1.3	6.0	3.3	3.2	4.1	1.5	–.3	–1.0
Italy	[1] 4.4	[1] 5.5	5,7	3.1	4.1	–3.6	5.9	1.9	2.7	4.9	3.9	.1	–.3
Per capita	[1] 3.8	[1] 4.8	5.0	2.6	3.1	–4.2	5.4	1.8	2.0	4.6	3.7	–	–.6
Japan	[2] 7.5	[2] 8.0	10.6	4.9	–1.0	2.3	5.3	5.3	5.0	5.1	4.9	4.0	3.2
Per capita	[2] 6.4	[2] 6.9	9.5	3.6	–2.4	1.1	4.1	4.2	4.1	4.3	4.1	3.3	2.5
United Kingdom	2.3	2.8	2.8	1.8	–.9	–.9	3.7	1.2	3.5	2.0	–2.6	–1.3	2.3
Per capita	2.0	2.4	2.3	1.7	–1.0	–.8	3.7	1.3	3.5	1.9	–2.7	–1.3	2.3

– Represents zero. [1] Initial year 1951. [2] Initial year 1952.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970*, using data from the Organization for Economic Cooperation and Development.

No. 722. Gross Domestic Product of Selected Countries as Percent of United States: 1960 to 1982

[Comparisons are based on constant (1975) dollar data converted to U.S. dollars using 1975 exchange rates. See text, p. 427]

COUNTRY	GROSS DOMESTIC PRODUCT								PER CAPITA GROSS DOMESTIC PRODUCT							
	1960	1965	1970	1975	1979	1980	1981	1982	1960	1965	1970	1975	1979	1980	1981	1982
United States	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Canada	8	9	9	11	11	11	11	11	84	86	91	101	99	101	101	99
France	17	18	20	22	22	22	21	22	69	73	83	90	91	93	91	95
Germany, F.R.	26	26	28	27	27	27	27	27	84	87	93	95	98	101	99	101
Italy	10	11	13	12	12	13	12	13	38	40	48	49	49	52	51	52
Japan	16	20	29	32	34	35	36	38	30	39	58	63	65	69	70	74
United Kingdom	17	16	15	15	14	14	13	14	59	57	57	58	57	56	54	58

Source: U.S. Bureau of Economic Analysis. Adapted from Long Term Economic Growth, 1860–1970, using data from the Organization for Economic Cooperation and Development.

No. 723. Selected International Economic Indicators: 1970 to 1983

[Data cover gross national product (GNP) at market prices, except for France, Italy, and the United Kingdom, which relate to gross domestic product. Gross fixed capital formation covers private and government sectors except military. Savings data are calculated by deducting outlays—such as personal consumption expenditures, interest paid, and transfer payments to foreigners—from disposable personal income. Minus sign (−) indicates decline]

YEAR	United States	France	Germany, Fed. Rep.	Italy	Netherlands	United Kingdom	Japan	Canada
GNP growth rates [1] (constant 1972 prices):								
1970	−.2	5.7	5.0	5.3	(NA)	2.2	9.9	2.5
1978	5.0	3.8	3.5	2.7	(NA)	3.5	5.1	3.6
1979	2.8	3.3	4.0	4.9	2.3	2.0	5.2	3.2
1980	−.3	1.1	1.8	3.9	.8	−2.6	4.8	1.0
1981	2.6	.3	−.2	.1	−.8	−1.3	3.8	3.4
1982	−1.9	1.7	−1.2	−.4	−1.6	2.8	3.0	−4.4
1983	3.4	.6	1.3	−1.2	−.5	3.5	3.5	3.0
Ratio of gross fixed capital formation to GNP (current prices):								
1970	17.4	23.3	25.5	23.1	(NA)	18.3	35.6	21.0
1978	19.3	21.4	20.7	18.7	21.3	17.9	30.8	22.6
1979	19.5	21.4	21.8	18.8	21.1	17.9	32.1	23.1
1980	18.3	21.7	22.8	19.8	21.1	17.3	32.0	23.3
1981	17.8	[2] 21.1	22.0	20.3	19.4	15.5	31.1	24.2
1982	16.5	[2] 20.5	20.6	19.0	18.3	15.3	29.6	21.8
1983	16.5	[2] 19.7	20.6	18.0	18.1	15.1	28.4	19.7
Ratio of savings to disposable personal income:								
1970	8.0	16.7	14.6	[3] 21.6	(NA)	9.3	18.2	5.3
1978	6.1	17.5	13.3	23.8	12.1	12.1	20.6	10.8
1979	5.9	16.2	13.9	25.3	11.6	12.9	18.7	11.3
1980	6.0	14.7	14.2	22.0	10.9	14.8	19.2	12.1
1981	6.6	15.6	14.9	24.0	12.7	12.5	19.7	13.8
1982	5.8	15.5	14.4	24.0	14.8	10.8	17.7	15.1
1983	4.9	(NA)	13.2	(NA)	(NA)	8.4	(NA)	12.9

NA Not available. [1] Growth rates represent percentage change from preceding year. [2] Preliminary. [3] Estimated.

Source: U.S. Dept. of Commerce, International Trade Administration, *International Economic Indicators*, quarterly.

No. 724. Personal Consumption Expenditures, by Major Type of Product in Current and Constant (1972) Dollars: 1965 to 1983

[**In billions of dollars.** Represents market value of goods and services purchased by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. See *Historical Statistics, Colonial Times to 1970*, series G 416-469, for single years prior to revisions issued in 1981]

TYPE OF PRODUCT	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total, current dollars	**430.4**	**621.7**	**976.4**	**1,204.4**	**1,346.5**	**1,507.2**	**1,668.1**	**1,849.1**	**1,984.9**	**2,155.9**
Durable goods [1]	63.0	85.2	132.2	178.2	200.2	213.4	214.7	235.4	245.1	279.8
Motor vehicles and parts	30.0	36.2	55.8	84.8	95.7	96.6	90.7	101.9	108.7	129.3
Furniture and household equipment	24.7	35.2	53.5	65.7	72.8	81.8	86.3	92.3	94.4	104.1
Nondurable goods [1]	188.6	265.7	407.3	478.8	528.2	600.0	668.8	730.7	757.5	801.7
Food, beverages, [2] tobacco	107.0	149.7	228.5	266.4	293.9	330.8	365.8	396.9	417.8	444.8
Food, excl. alcoholic beverages	85.8	119.6	185.2	217.4	240.9	272.2	301.2	326.4	343.5	365.1
Alcoholic beverages	13.1	19.2	28.4	32.5	34.9	39.3	43.9	47.4	49.3	51.4
Tobacco products	8.1	10.8	14.8	16.6	18.0	19.3	20.6	23.0	25.0	28.3
Clothing, accessories, jewelry [1]	40.3	55.8	81.6	96.8	108.2	116.3	124.2	135.5	140.3	150.0
Clothing, accessories (except footwear)	28.1	39.0	58.8	69.5	77.6	82.7	87.1	95.8	99.3	106.4
Women's and children's	18.4	25.2	38.2	45.2	50.7	54.1	56.9	62.8	65.4	70.6
Men's and boys'	9.7	13.8	20.6	24.3	26.9	28.7	30.1	33.0	33.9	35.9
Shoes and other footwear	5.3	7.6	10.7	13.1	14.7	16.3	17.4	18.4	19.4	20.5
Jewelry and watches	2.6	3.9	6.4	7.8	8.8	9.5	11.1	12.2	12.0	12.8
Cleaning, storage, and repair of shoes and clothes	3.6	4.2	4.3	4.7	5.2	5.6	6.1	6.5	6.8	7.3
Gasoline and oil	14.7	22.4	40.4	48.1	51.2	66.6	84.8	94.6	90.4	90.0
Services [1]	178.7	270.8	437.0	547.4	618.0	693.7	784.5	883.0	982.2	1,074.4
Housing	65.5	93.9	149.8	185.9	209.6	236.1	266.2	302.0	333.8	363.3
Household operation	26.3	37.7	63.3	81.1	90.1	99.3	113.0	127.5	143.4	153.8
Transportation	13.7	22.0	33.2	46.4	51.2	56.3	61.1	65.0	66.2	72.5
Total, constant (1972) dollars	**557.5**	**672.1**	**779.4**	**864.3**	**903.2**	**927.6**	**931.8**	**950.5**	**963.3**	**1,009.2**
Durable goods [1]	72.6	89.1	112.7	138.0	146.8	147.2	137.5	140.9	140.5	157.5
Motor vehicles and parts	34.8	38.2	47.5	63.5	66.9	62.6	54.4	56.3	57.0	66.6
Furniture and household equipment	27.8	36.1	45.9	52.9	56.5	60.4	60.2	61.1	60.3	65.9
Nondurable goods	244.0	283.7	307.5	333.4	344.4	353.1	355.6	360.8	363.1	376.3
Gasoline and oil	16.8	22.9	25.6	27.7	28.3	27.4	25.1	25.1	25.3	26.1
Services [1]	240.9	299.3	359.3	393.0	412.0	427.3	438.8	448.8	459.8	475.4
Housing	81.6	102.0	128.3	141.3	148.5	154.8	159.8	164.8	167.5	171.3
Household operation	33.9	42.3	49.9	55.1	57.8	60.1	62.3	62.7	63.5	64.1
Transportation	19.9	25.2	29.6	32.7	34.0	35.0	33.2	32.0	31.6	31.7

[1] Includes items not shown separately. [2] Includes alcoholic and nonalcoholic beverages.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

No. 725. National Income, by Type of Income: 1929 to 1983

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series F 163–185, for single-year figures prior to revisions issued in 1981]

TYPE OF INCOME	1929	1930	1933	1935	1940	1945	1947	1950	1955	1960
National income	**84.8**	**73.8**	**39.9**	**56.4**	**79.7**	**180.7**	**194.9**	**237.6**	**330.5**	**415.7**
Compensation of employees	51.1	46.8	29.5	37.3	52.1	123.1	129.2	154.8	224.9	294.9
Proprietors' income [1]	15.0	11.9	5.9	10.7	13.0	31.8	35.9	38.7	42.9	47.2
Rental income of persons [2]	4.9	4.4	2.2	1.8	2.7	4.6	5.3	7.1	11.3	14.5
Corporate profits [1]	9.0	5.8	−1.7	2.5	8.6	19.0	22.3	33.9	45.5	47.6
Net interest	4.7	4.9	4.1	4.1	3.3	2.2	2.3	3.0	5.9	11.4

	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
National income	**572.4**	**810.7**	**1,239.4**	**1,550.5**	**1,760.3**	**1,966.7**	**2,116.6**	**2,363.8**	**2,446.8**	**2,646.7**
Compensation of employees	**396.5**	**612.0**	**931.4**	**1,152.1**	**1,301.1**	**1,458.1**	**1,599.6**	**1,765.4**	**1,864.2**	**1,984.9**
Wages and salaries	362.0	548.7	806.4	983.2	1,106.5	1,237.4	1,356.6	1,493.2	1,568.7	1,658.8
Private	292.1	431.6	630.3	780.8	886.8	1,001.4	1,096.4	1,208.6	1,262.2	1,331.1
Government and Government enterprises	69.9	117.1	176.1	202.4	219.7	236.0	260.3	284.6	306.5	327.7
Supplements to wages, salaries	34.5	63.2	125.0	168.9	194.6	220.7	243.0	272.2	295.5	326.2
Employer contributions for social insurance	16.7	30.7	60.5	79.5	92.1	105.8	115.0	132.3	140.0	153.1
Other labor income	17.8	32.5	64.5	89.4	102.5	114.9	128.0	140.0	155.5	173.1
Proprietors' income [1]	**56.9**	**66.2**	**90.0**	**103.9**	**118.5**	**132.1**	**117.4**	**125.1**	**111.1**	**121.7**
Farm	13.1	14.3	24.6	19.1	26.3	31.9	21.8	31.5	21.8	13.8
Nonfarm	43.8	51.9	65.4	84.8	92.2	100.2	95.6	93.7	89.2	107.9
Rental income of persons [2]	**18.0**	**19.7**	**23.0**	**24.8**	**26.6**	**27.9**	**31.5**	**42.3**	**51.5**	**58.3**
Corporate profits [1]	**80.0**	**71.4**	**110.5**	**167.3**	**192.4**	**194.8**	**175.4**	**189.9**	**159.1**	**225.2**
Profits before tax	77.2	75.4	132.1	194.7	229.1	252.7	234.6	221.2	165.5	203.2
Profits tax liability	30.9	34.2	50.6	72.7	83.2	87.6	84.8	81.1	60.7	75.8
Profits after tax	46.3	41.3	81.5	122.0	145.9	165.1	149.8	140.0	104.8	127.4
Dividends	19.1	22.5	30.8	40.8	47.0	52.7	58.6	66.5	69.2	72.9
Undistributed profits	27.2	18.8	50.7	81.2	98.9	112.4	91.2	73.5	35.6	54.5
Inventory valuation adjustment	−1.2	−6.6	−11.6	−16.2	−24.0	−43.1	−42.9	−23.6	−9.5	−11.2
Capital consumption adjustment	4.0	2.5	−10.1	−11.3	−12.7	−14.8	−16.3	−7.6	3.1	33.2
Net interest	**21.0**	**41.4**	**84.5**	**102.5**	**121.7**	**153.8**	**192.6**	**241.0**	**260.9**	**256.6**

[1] With inventory valuation and capital consumption adjustments. [2] With capital consumption adjustment.

No. 726. National Income, by Sector: 1965 to 1983

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series F 192–209, for single-year figures prior to revisions issued in 1981]

SECTOR	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
National income	**572.4**	**810.7**	**1,239.4**	**1,550.5**	**1,760.3**	**1,966.7**	**2,116.6**	**2,363.8**	**2,446.8**	**2,646.7**
Originating in business	**479.8**	**655.3**	**991.8**	**1,256.2**	**1,433.6**	**1,601.1**	**1,713.1**	**1,918.0**	**1,966.6**	**2,132.8**
Corporate business	336.5	476.5	736.4	953.1	1,089.3	1,210.9	1,303.1	1,451.2	1,471.3	1,599.6
Compensation of employees	259.7	400.8	617.4	783.0	894.9	1,015.2	1,111.9	1,228.5	1,281.5	1,357.1
Corporate profits [1]	75.5	64.9	97.5	152.1	172.7	164.2	145.5	165.5	136.7	200.4
Net interest	1.2	10.8	21.5	18.0	21.7	31.5	45.7	57.2	53.1	42.1
Sole proprietors, partnerships	99.2	118.5	160.7	188.8	214.6	242.2	239.2	265.6	269.2	283.3
Compensation of employees	40.0	46.8	57.9	68.2	76.1	83.4	88.4	95.2	102.1	109.6
Proprietors' income [1]	56.5	65.8	89.0	102.6	117.1	130.4	115.6	123.1	108.8	119.2
Net interest	2.7	6.0	13.9	18.0	21.4	28.4	35.1	47.2	58.4	54.5
Other private business [2]	36.4	47.2	73.3	89.7	102.8	118.3	137.3	163.6	186.9	207.4
Compensation of employees	2.2	3.1	4.5	5.5	6.1	6.9	7.7	8.5	9.3	10.1
Rental income of persons [3]	18.0	19.7	23.0	24.8	26.6	27.9	31.5	42.3	51.5	58.3
Proprietors' income [1]	.5	.5	1.1	1.3	1.5	1.6	1.8	2.0	2.3	2.5
Net interest	15.7	23.9	44.7	58.2	68.6	81.9	96.3	110.7	123.7	136.5
Government enterprises [4]	7.8	13.0	21.4	24.6	26.9	29.6	33.4	37.6	39.2	42.5
Originating in—										
Government [4]	**67.6**	**115.8**	**179.6**	**210.3**	**229.3**	**247.4**	**273.0**	**299.4**	**324.9**	**349.2**
Households and institutions [5]	**19.2**	**32.3**	**50.6**	**60.5**	**67.8**	**75.6**	**85.3**	**96.2**	**107.4**	**116.5**
Rest of the world	**5.9**	**7.3**	**17.3**	**23.5**	**29.6**	**42.6**	**45.3**	**50.3**	**48.0**	**48.3**

[1] With inventory valuation and capital consumption adjustments. [2] Consists of all business activities reported on the individual income tax return in Schedule E—Supplemental Income Schedule; tax-exempt cooperatives; and owner-occupied nonfarm dwellings and buildings and equipment owned and used by nonprofit institutions serving individuals, which are considered to be business activities selling their current services to their owners. [3] With capital consumption adjustment. [4] Compensation of employees. [5] Compensation of employees in private households; nonprofit social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.

Source of tables 725 and 726: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

NO. 727. NATIONAL INCOME WITHOUT CAPITAL CONSUMPTION ADJUSTMENTS, BY INDUSTRIAL ORIGIN: 1965 TO 1983

[**In billions of dollars, except percent.** Represents net value added to production by industry, measured at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 226–237, for single-year figures prior to revisions issued in 1981]

INDUSTRY	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
National income	571.1	814.8	1,267.4	1,586.0	1,802.0	2,015.8	2,174.0	2,414.0	2,486.9	2,651.9
Agriculture, forestry, fisheries	20.7	24.9	44.0	44.1	55.3	65.8	61.4	74.8	69.6	60.9
Farms	19.1	22.5	40.3	39.0	49.4	59.3	54.1	67.0	61.5	52.3
Mining	6.1	8.0	18.6	22.8	24.2	30.1	38.5	45.1	46.5	40.0
Construction	30.5	44.8	62.4	77.9	92.1	104.3	107.2	109.1	107.8	112.3
Manufacturing	171.3	215.1	317.7	413.2	464.7	508.9	526.5	581.3	549.6	579.9
Durable goods	105.4	127.4	185.6	249.7	285.7	310.6	312.0	340.5	311.4	329.6
Lumber and wood products	4.9	6.1	8.4	13.3	15.8	17.0	15.1	13.6	12.0	15.5
Furniture and fixtures	2.8	3.5	4.6	6.2	7.3	7.7	7.9	8.5	8.3	9.5
Stone, clay, and glass products	5.7	6.9	10.0	13.4	15.7	17.1	16.4	16.4	14.4	16.6
Primary metal products	13.9	15.2	24.3	28.5	34.4	38.4	37.6	41.4	28.0	28.6
Fabricated metal products	12.6	16.4	24.5	31.5	35.8	39.9	40.6	43.4	40.0	41.2
Machinery, except electrical	18.4	24.7	37.2	49.0	56.1	63.8	68.4	75.5	68.5	64.3
Electrical, electronic equipment	14.7	19.8	26.7	35.9	41.5	45.0	49.9	53.9	53.7	57.5
Transportation equipment [1]	10.4	12.6	16.0	19.6	22.8	26.3	29.0	31.2	31.5	31.6
Motor vehicles and equipment	14.5	12.0	19.2	33.3	35.1	32.4	21.9	26.8	24.8	34.4
Instruments, related products	4.6	6.3	9.2	12.2	14.0	15.3	17.4	20.2	21.0	21.7
Miscellaneous industries	2.9	3.8	5.5	6.9	7.3	7.6	7.8	9.7	9.0	9.6
Nondurable goods	65.9	87.7	132.1	163.4	179.0	198.3	214.6	240.8	238.3	250.4
Food and kindred products	14.5	19.3	30.7	33.5	35.4	38.1	41.3	45.9	46.2	46.9
Tobacco manufactures	1.1	1.7	2.3	2.9	3.4	3.8	4.1	4.4	4.7	5.3
Textile mill products	5.9	7.5	8.9	12.3	12.8	13.7	13.4	14.3	13.5	15.4
Apparel and other textile products	6.6	8.7	10.9	13.7	14.8	15.3	16.1	17.6	17.5	19.2
Paper and allied products	6.0	8.2	11.8	15.5	17.2	19.3	19.6	21.1	20.3	22.6
Printing and publishing	8.7	11.9	16.8	21.2	23.7	26.0	28.1	30.8	32.8	36.9
Chemicals and allied products	12.2	15.7	24.8	30.8	33.4	35.5	37.0	42.5	42.3	44.8
Petroleum and coal products	4.9	6.5	14.8	18.5	21.3	28.3	36.3	43.1	40.2	36.6
Rubber and misc. plastics products	4.2	6.0	8.7	12.3	13.9	15.1	14.9	17.2	16.7	18.5
Leather and leather products	1.9	2.2	2.4	2.9	3.2	3.3	3.8	4.0	4.0	4.0
Transportation [2]	23.1	30.6	45.7	60.3	68.5	75.7	80.4	84.3	83.3	87.7
Railroad transportation	7.0	7.7	10.2	13.1	14.3	15.9	17.4	16.4	15.9	15.9
Local and interurban passenger	1.9	2.3	2.9	3.4	3.5	3.8	4.3	4.4	4.6	4.6
Trucking and warehousing	8.4	11.9	19.1	25.2	29.2	32.0	33.0	35.4	34.9	36.7
Water transportation	2.0	2.5	3.4	4.2	4.7	5.4	5.9	6.3	6.1	5.8
Air transportation	2.6	4.4	7.2	10.3	11.9	12.5	13.3	14.3	14.3	16.4
Communications	11.5	17.6	26.8	34.5	39.9	43.4	48.2	54.6	59.3	60.1
Telephone and telegraph	10.3	15.9	24.0	30.3	35.2	38.3	42.8	48.7	52.8	52.9
Electric, gas, sanitary services	11.4	14.7	24.8	31.3	35.0	35.8	42.7	51.6	57.7	64.3
Wholesale and retail trade	84.9	123.5	195.3	238.8	267.4	296.6	316.6	349.4	358.9	386.4
Wholesale trade	32.1	46.9	81.1	97.8	109.8	126.3	137.6	153.8	153.0	161.2
Retail trade	52.8	76.6	114.2	140.9	157.6	170.3	179.1	195.6	206.0	225.2
Finance, insurance, real estate [2]	66.2	95.3	145.2	192.7	228.4	261.6	290.9	326.0	355.1	394.0
Banking	8.9	16.5	21.8	25.9	32.1	39.6	45.1	49.0	42.2	44.7
Insurance carriers	5.9	9.3	12.8	22.4	26.3	27.0	29.3	25.1	26.7	30.1
Insurance agents, brokers, etc	3.0	4.2	6.7	9.6	10.5	11.2	12.3	13.0	14.1	15.4
Real estate	45.4	61.2	98.1	128.2	149.5	172.7	195.8	223.7	250.4	273.3
Services [2]	64.3	104.1	168.7	212.1	240.7	274.0	310.0	350.6	387.0	426.6
Hotels and other lodging places	2.8	4.5	7.0	8.9	10.9	12.6	13.8	15.1	15.8	17.4
Personal services	6.0	7.6	8.6	10.4	11.6	12.5	13.3	14.0	15.0	16.4
Business services	8.9	15.0	24.0	32.8	38.5	46.5	53.0	61.4	69.1	77.9
Health services	15.8	29.4	54.1	68.0	76.0	86.1	99.6	115.3	131.0	144.9
Legal services	4.2	6.7	11.5	14.4	16.1	18.4	21.3	23.7	28.1	32.5
Educational services	3.7	7.0	11.0	11.7	12.7	14.0	15.4	17.0	18.5	19.8
Social services			4.8	6.0	7.2	8.3	9.5	10.4	10.9	11.9
Membership organizations	6.4	10.0	10.8	12.1	13.2	14.1	15.5	16.6	18.2	19.5
Private households	4.0	4.5	4.6	5.9	6.2	6.5	6.6	7.0	7.6	7.8
Government and govt. enterprises	75.4	128.9	201.0	234.9	256.2	277.1	306.3	337.0	364.1	391.7
Federal	33.3	53.2	71.9	81.2	87.8	93.3	102.8	115.2	124.3	132.8
State and local	42.1	75.7	129.1	153.8	168.4	183.8	203.6	221.8	239.8	258.9
Rest of the world	5.9	7.3	17.3	23.5	29.6	42.6	45.3	50.3	48.0	48.3
National income, percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, fisheries	3.6	3.1	3.5	2.8	3.1	3.3	2.8	3.1	2.8	2.3
Mining and construction	6.4	6.5	6.4	6.3	6.5	6.7	6.7	6.4	6.2	5.7
Manufacturing	30.0	26.4	25.1	26.1	25.8	25.2	24.2	24.1	22.1	21.9
Transportation	4.0	3.8	3.6	3.8	3.8	3.8	3.7	3.5	3.4	3.3
Communications and utilities	4.0	4.0	4.1	4.1	4.2	3.9	4.2	4.4	4.7	4.7
Wholesale and retail trade	14.9	15.2	15.4	15.1	14.8	14.7	14.6	14.5	14.4	14.6
Finance, insurance, real estate	11.6	11.7	11.5	12.2	12.7	13.0	13.4	13.5	14.3	14.9
Services	11.3	12.8	13.3	13.4	13.4	13.6	14.3	14.5	15.6	16.1
Government and govt. enterprises	13.2	15.8	15.9	14.8	14.2	13.7	14.1	14.0	14.6	14.8
Rest of the world	1.0	.9	1.4	1.5	1.6	2.1	2.1	2.1	1.9	1.8

[1] Excludes motor vehicles and equipment. [2] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 728. Percent Distribution and Average Annual Percent Change of Shares of National Income, by Type: 1970 to 1983

[For definition of average annual percent change, see Guide to Tabular Presentation. See also headnote, table 725]

Type of income	Percent distribution						Avg. annual percent change				
	1970	1975	1980	1981	1982	1983	1970–1975	1975–1980	1980–1981	1981–1982	1982–1983
National income, total	100.0	100.0	100.0	100.0	100.0	100.0	8.9	11.3	11.7	3.5	8.2
Compensation of employees	75.5	75.1	75.6	74.7	76.2	75.0	8.8	11.4	10.4	5.6	6.5
Wages and salaries	67.7	65.1	64.1	63.2	64.1	62.7	8.0	11.0	10.1	5.1	5.7
Supplements to wages, salaries	7.8	10.1	11.5	11.5	12.1	12.3	14.6	14.2	12.0	8.5	10.4
Proprietors' income [1]	8.2	7.3	5.5	5.3	4.5	4.8	6.3	5.5	6.5	−11.2	9.6
Farm	1.8	2.0	1.0	1.3	.9	.5	11.4	−2.4	44.3	−30.7	−37.0
Nonfarm	*6.4*	*5.3*	*4.5*	*4.0*	*3.6*	*4.1*	*4.7*	*7.9*	*−2.1*	*−4.7*	*21.0*
Rental income of persons [2]	2.4	1.9	1.5	1.8	2.1	2.2	3.2	6.5	34.3	21.7	13.2
Corporate profits [1]	8.8	8.9	8.3	8.0	6.5	8.5	9.1	9.7	8.3	−16.2	41.5
Profits before tax	9.3	10.7	11.1	9.4	6.8	7.7	11.9	12.2	−5.7	−25.2	22.8
Profits after tax	5.1	6.6	7.1	5.9	4.3	4.8	14.6	13.0	−6.6	−25.1	21.5
Inventory valuation adjustment	−.8	−.9	−2.0	−1.0	−.4	−.4	(x)	(x)	(x)	(x)	(x)
Capital consumption adjustment	.3	−.8	−.8	−.3	.1	1.3	(x)	(x)	(x)	(x)	(x)
Net interest	5.1	6.8	9.1	10.2	10.7	9.7	15.3	17.9	25.1	8.3	−1.7

X Not applicable. [1] See footnote 1 table 725. [2] See footnote 2 table 725.

Source: Compiled by U.S. Bureau of the Census; based on data from U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 729. Personal Income and Its Disposition: 1970 to 1983

[**In billions of dollars, except percent.** For definition of personal income, see text, pp. 427 and 428. See *Historical Statistics, Colonial Times to 1970*, series F 262-286, for single-year figures prior to minor revisions issued in 1981]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Personal income	811	1,265	1,391	1,540	1,733	1,951	2,165	2,429	2,585	2,744
Wage and salary disbursements	549	806	890	983	1,106	1,238	1,357	1,493	1,569	1,659
Commodity-producing industry [1]	*203*	*275*	*307*	*344*	*389*	*438*	*468*	*509*	*509*	*519*
Manufacturing	158	211	237	266	299	334	355	386	383	395
Distributive industries [2]	130	196	217	239	271	303	331	362	379	399
Service industries [3]	98	160	177	198	227	260	298	338	374	413
Government and govt. enterprises	117	176	189	202	220	236	260	285	307	328
Other labor income	33	65	76	89	103	115	128	140	156	173
Proprietors' income [4]	66	90	94	104	119	132	117	125	111	122
Rental income of persons [5]	20	23	24	25	27	28	32	42	52	58
Personal dividend income	22	30	37	40	45	51	57	64	66	70
Personal interest income	69	123	133	153	179	219	266	332	367	376
Transfer payments	80	178	194	208	224	250	298	337	376	405
Old-age, survivors, disability, and health insurance benefits	38	81	93	105	116	132	154	182	205	222
Other	42	97	101	103	108	118	143	155	172	183
Less: Personal contributions for social insurance	28	50	55	61	70	81	89	104	111	120
Less: Personal tax and nontax payments	116	169	197	226	259	301	336	388	404	404
Federal income tax	89	121	142	163	189	225	251	291	298	289
Equals: Disposable personal income	695	1,096	1,194	1,314	1,474	1,650	1,829	2,042	2,181	2,340
Less: Personal outlays [6]	640	1,002	1,112	1,236	1,385	1,553	1,719	1,904	2,045	2,222
Personal consumption expenditures	622	976	1,084	1,204	1,346	1,507	1,668	1,849	1,985	2,156
Interest paid by consumers	17	24	27	31	37	45	50	54	58	65
Equals: Personal saving	56	94	82	78	89	97	110	137	136	118
Percent of disposable personal income	8.0	8.6	6.9	5.9	6.1	5.9	6.0	6.7	6.2	5.0
Real disposable personal income [7]	*752*	*875*	*907*	*943*	*989*	*1,016*	*1,022*	*1,049*	*1,058*	*1,095*
Annual percent change [8]	4.1	3.1	3.7	4.0	4.9	2.7	.6	2.6	.9	3.5
PERCENT DISTRIBUTION										
Personal income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wage and salary disbursements	67.7	63.7	64.0	64.0	63.8	63.5	62.7	61.5	60.7	60.5
Other labor income	4.0	5.1	5.5	5.8	5.9	5.9	5.9	5.8	6.0	6.3
Proprietors' income [4]	8.2	7.1	6.8	6.7	6.8	6.8	5.4	5.1	4.3	4.4
Rental income of persons [5]	2.4	1.8	1.7	1.6	1.5	1.4	1.5	1.7	2.0	2.1
Personal dividend income	2.7	2.4	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Personal interest income	8.5	9.7	9.5	9.9	10.3	11.2	12.3	13.7	14.2	13.7
Transfer payments [6]	9.9	14.1	13.9	13.5	12.9	12.8	13.7	13.9	14.5	14.8
Personal social insurance contributions	−3.5	−4.0	−4.0	−4.0	−4.0	−4.2	−4.1	−4.3	−4.3	−4.4

[1] Comprises agriculture, forestry, fisheries, mining, construction, and manufacturing. [2] Comprises transportation; communication; electric, gas, and sanitary services; and trade. [3] Comprises finance, insurance, and real estate; services; and rest of the world. [4] With capital consumption and inventory valuation adjustments. [5] With capital consumption adjustment. [6] Includes personal transfer payments to foreigners. [7] 1972 prices. [8] Represents average for period of intervals shown here; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

NO. 730. PERSONAL INCOME IN CURRENT AND CONSTANT (1972) DOLLARS—STATES: 1970 TO 1983

[1983 preliminary. Represents a measure of income received from all sources during the calendar year by the residents of each State. Data exclude Federal employees overseas and, for 1980, U.S. residents employed by private U.S. firms on temporary foreign assignment. Totals may differ from those in tables 717, 719, and 729. See text, pp. 427 and 428. For composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series F 297-348, for single-year figures prior to revisions issued in 1981]

REGION, DIVISION, AND STATE	CURRENT DOLLARS (bil. dol.)				CONSTANT (1972) DOLLARS								
					Total (bil. dol.)				Percent change		Percent of U.S.		
	1970	1980	1982	1983	1970	1980	1982	1983	1970-1980	1980-1983	1970	1980	1983
U.S.	**803.9**	**2,158.7**	**2,571.5**	**2,731.8**	**869.1**	**1,204.6**	**1,252.6**	**1,280.1**	**38.6**	**6.3**	**100.0**	**100.0**	**100.0**
Region:													
Northeast	217.4	496.8	593.7	634.6	235.0	277.2	289.2	297.4	18.0	7.3	27.0	23.0	23.2
Midwest	225.8	564.8	646.3	677.5	244.1	315.2	314.9	317.5	29.1	.7	28.1	26.2	24.8
South	213.7	652.5	799.5	851.1	231.0	364.1	389.4	398.8	57.6	9.5	26.6	30.2	31.2
West	147.1	444.6	532.0	568.6	159.0	248.1	259.1	266.4	56.0	7.4	18.3	20.6	20.8
N.E	**51.1**	**123.5**	**148.9**	**160.4**	**55.3**	**68.9**	**72.5**	**75.2**	**24.6**	**9.1**	**6.4**	**5.7**	**5.9**
ME	3.3	8.6	10.3	11.0	3.6	4.8	5.0	5.2	35.5	8.3	.4	.4	.4
NH	2.8	8.3	10.2	11.1	3.0	4.6	5.0	5.5	53.1	19.6	.3	.4	.4
VT	1.6	4.0	4.9	5.3	1.7	2.2	2.4	2.5	31.4	13.6	.2	.2	.2
MS	24.8	57.9	69.9	75.5	26.8	32.3	34.0	35.4	20.6	9.6	3.1	2.7	2.8
RI	3.7	8.7	10.3	11.1	4.0	4.9	5.0	5.2	20.4	6.1	.5	.4	.4
CT	14.9	35.9	43.4	46.5	16.1	20.0	21.1	21.8	24.2	9.0	1.9	1.7	1.7
M.A	**166.2**	**373.2**	**444.8**	**474.1**	**179.7**	**208.3**	**216.7**	**222.2**	**15.9**	**6.7**	**20.7**	**17.3**	**17.4**
NY	85.8	180.7	217.2	232.3	92.7	100.8	105.8	108.9	8.7	8.0	10.7	8.4	8.5
NJ	34.1	81.0	97.6	105.0	36.8	45.2	47.5	49.2	22.7	8.9	4.2	3.8	3.8
PA	46.4	111.5	130.0	136.9	50.2	62.2	63.3	64.2	24.1	3.2	5.8	5.2	5.0
E.N.C	**164.7**	**406.0**	**459.2**	**481.7**	**178.1**	**226.5**	**223.7**	**225.7**	**27.2**	**-3.5**	**20.5**	**18.8**	**17.6**
OH	42.4	101.9	115.1	120.9	45.8	56.8	56.1	56.7	24.1	-1.8	5.3	4.7	4.4
IN	19.4	48.8	54.8	57.9	21.0	27.2	26.7	27.1	29.7	-3.7	2.4	2.3	2.1
IL	50.2	119.7	138.5	145.0	54.3	66.8	67.5	67.9	23.0	1.7	6.2	5.5	5.3
MI	36.0	91.4	99.7	105.0	38.9	51.0	48.6	49.2	31.1	-3.5	4.5	4.2	3.8
WI	16.7	44.2	51.0	52.9	18.1	24.7	24.8	24.8	36.6	0.4	2.1	2.0	1.9
W.N.C	**61.1**	**158.9**	**187.2**	**195.9**	**66.0**	**88.6**	**91.2**	**91.8**	**34.2**	**3.6**	**7.6**	**7.4**	**7.2**
MN	14.9	39.6	46.2	48.3	16.1	22.1	22.5	22.6	37.5	2.3	1.8	1.8	1.8
IA	10.7	27.2	31.3	32.1	11.6	15.2	15.2	15.0	30.9	-13.2	1.3	1.3	1.2
MO	17.4	42.9	50.4	53.6	18.8	24.0	24.5	25.1	27.7	4.6	2.2	2.0	2.0
ND	2.0	5.7	7.3	7.7	2.2	3.2	3.6	3.6	48.6	12.5	.2	.3	.3
SD	2.1	5.5	6.7	6.8	2.3	3.1	3.3	3.2	36.6	3.2	.3	.3	.3
NE	5.6	14.4	16.9	17.5	6.0	8.0	8.2	8.2	32.9	2.5	.7	.7	.6
KS	8.5	23.5	28.3	29.8	9.2	13.1	13.8	14.0	43.1	6.9	1.1	1.1	1.1
S.A	**111.0**	**326.3**	**396.6**	**427.6**	**120.0**	**182.1**	**193.2**	**200.4**	**51.8**	**10.1**	**13.8**	**15.1**	**15.7**
DE	2.5	6.0	7.1	7.5	2.7	3.3	3.5	3.5	24.9	6.1	.3	.3	.3
MD	17.0	43.9	52.2	55.9	18.4	24.5	25.4	26.2	33.1	6.9	2.1	2.0	2.1
DC	3.6	8.1	9.5	10.2	3.9	4.4	4.6	4.8	12.1	9.1	.4	.4	.4
VA	17.3	49.9	60.6	65.7	18.7	28.0	29.5	30.8	49.7	10.0	2.2	2.3	2.4
WV	5.3	15.0	17.1	17.6	5.7	8.3	8.3	8.2	45.2	-1.2	.7	.7	.6
NC	16.4	45.6	54.4	58.7	17.8	25.5	26.5	27.6	43.5	7.8	2.0	2.1	2.2
SC	7.7	22.8	27.2	29.2	8.4	12.7	13.2	13.7	52.4	7.9	1.0	1.1	1.1
GA	15.3	44.2	54.0	58.9	16.5	24.7	26.3	27.6	49.1	11.7	1.9	2.0	2.2
FL	25.9	90.9	114.4	123.8	28.0	50.7	55.7	58.0	81.3	14.4	3.2	4.2	4.5
E.S.C	**37.9**	**109.2**	**128.2**	**135.3**	**41.0**	**60.9**	**62.4**	**63.4**	**48.5**	**4.1**	**4.7**	**5.1**	**5.0**
KY	10.0	28.0	32.8	34.0	10.8	15.6	16.0	15.9	44.5	1.9	1.2	1.3	1.2
TN	12.2	35.2	41.4	43.9	13.2	19.6	20.2	20.6	49.1	5.1	1.5	1.6	1.6
AL	10.0	29.1	34.1	36.6	10.8	16.3	16.6	17.2	50.1	5.5	1.2	1.3	1.3
MS	5.7	16.8	19.8	20.9	6.1	9.4	9.6	9.8	53.2	4.3	.7	.8	.8
W.S.C	**64.8**	**217.0**	**274.7**	**288.1**	**70.0**	**121.1**	**133.8**	**135.0**	**73.0**	**11.5**	**8.1**	**10.1**	**10.6**
AR	5.4	16.5	19.4	21.0	5.8	9.2	9.4	9.8	58.8	6.5	.7	.8	.8
LA	11.1	36.0	44.7	46.2	12.0	20.1	21.8	21.7	67.4	8.0	1.4	1.7	1.7
OK	8.6	27.9	36.1	36.9	9.3	15.6	17.6	17.3	68.2	10.9	1.1	1.3	1.4
TX	39.7	136.6	174.5	184.0	43.0	76.2	85.0	86.2	77.5	13.1	4.9	6.3	6.7
Mt	**30.2**	**103.0**	**125.9**	**134.0**	**32.6**	**57.5**	**61.3**	**62.8**	**76.4**	**9.2**	**3.8**	**4.8**	**4.9**
MT	2.4	6.6	7.7	8.2	2.6	3.7	3.8	3.8	42.4	2.7	.3	.3	.3
ID	2.4	7.6	8.7	9.2	2.6	4.3	4.2	4.3	65.4	-	.3	.4	.3
WY	1.2	5.2	6.2	6.2	1.3	2.9	3.0	2.9	119.8	-	.2	.2	.2
CO	8.6	29.2	37.4	39.5	9.3	16.3	18.2	18.5	74.1	13.5	1.1	1.4	1.4
NM	3.1	10.3	12.5	13.4	3.4	5.7	6.1	6.3	69.1	10.5	.4	.5	.5
AZ	6.6	24.1	29.1	31.8	7.2	13.5	14.2	14.9	88.1	10.4	.8	1.1	1.2
UT	3.4	11.3	13.8	14.6	3.7	6.3	6.7	6.8	69.5	7.9	.4	.5	.5
NV	2.3	8.7	10.6	11.2	2.5	4.8	5.2	5.3	93.7	10.4	.3	.4	.4
Pac	**116.9**	**341.7**	**406.1**	**434.6**	**126.4**	**190.7**	**197.8**	**203.7**	**50.9**	**6.8**	**14.5**	**15.8**	**15.9**
WA	13.8	42.3	49.1	51.8	14.9	23.6	23.9	24.3	57.9	3.0	1.7	2.0	1.9
OR	7.8	24.7	27.4	29.1	8.4	13.8	13.3	13.6	63.4	-1.4	1.0	1.1	1.1
CA	90.3	259.6	310.7	333.3	97.6	144.9	151.3	156.2	48.4	7.8	11.2	12.0	12.2
AK	1.4	5.2	7.4	8.1	1.6	2.9	3.6	3.8	86.7	31.0	.2	.2	.3
HI	3.6	9.9	11.6	12.4	3.9	5.5	5.7	5.8	43.3	5.5	.4	.5	.5

- Represents zero.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April 1984, and unpublished data.

NO. 731. PERSONAL INCOME PER CAPITA IN CURRENT AND CONSTANT (1972) DOLLARS—STATES: 1970 TO 1983

[1983 preliminary. See headnote, table 730]

REGION, DIVISION, AND STATE	CURRENT DOLLARS							CONSTANT (1972) DOLLARS				
	1970	1980	1981	1982	1983	Income rank 1980	Income rank 1983	1970	1980	1981	1982	1983
U.S	**3,945**	**9,503**	**10,582**	**11,100**	**11,675**	(x)	(x)	**4,265**	**5,303**	**5,441**	**5,407**	**5,471**
Region:												
Northeast	4,423	10,097	11,276	12,047	12,814	(x)	(x)	4,781	5,635	5,797	5,866	6,005
Midwest	3,984	9,586	10,587	10,958	11,493	(x)	(x)	4,308	5,350	5,443	5,338	5,386
South	3,391	8,620	9,711	10,208	10,700	(x)	(x)	3,665	4,810	4,993	4,972	5,014
West	4,207	10,255	11,317	11,603	12,368	(x)	(x)	4,548	5,723	5,819	5,652	5,796
New England	**4,306**	**9,989**	**11,149**	**11,958**	**12,845**	(x)	(x)	**4,655**	**5,574**	**5,732**	**5,825**	**6,019**
Maine	3,303	7,672	8,490	4,031	9,619	42	40	3,571	4,281	4,365	4,399	4,507
New Hampshire	3,781	9,011	10,043	10,721	11,620	29	19	4,088	5,028	5,164	5,222	5,445
Vermont	3,530	7,833	8,882	9,478	10,036	40	36	3,816	4,371	4,567	4,617	4,703
Massachusettes	4,349	10,089	11,287	12,153	13,089	12	6	4,702	5,630	5,803	5,920	6,134
Rhode Island	3,924	9,174	10,138	10,751	11,504	27	23	4,242	5,119	5,212	5,237	5,391
Connecticut	4,913	11,536	12,871	13,810	14,826	2	2	5,311	6,438	6,617	6,727	6,947
Middle Atlantic	**4,460**	**10,133**	**11,319**	**12,077**	**12,804**	(x)	(x)	**4,822**	**5,655**	**5,802**	**5,883**	**6,000**
New York	4,695	10,283	11,523	12,389	13,146	9	5	5,076	5,738	5,924	6,035	6,160
New Jersey	4,737	10,975	12,269	13,169	14,057	4	3	5,121	6,124	6,308	6,414	6,587
Pennsylvania	3,928	9,389	10,425	10,934	11,510	20	22	4,246	5,239	5,360	5,326	5,394
East North Central	**4,085**	**9,734**	**10,657**	**11,037**	**11,599**	(x)	(x)	**4,416**	**5,432**	**5,479**	**5,376**	**5,435**
Ohio	3,971	9,431	10,278	10,667	11,254	19	25	4,293	5,263	5,284	5,196	5,274
Indiana	3,735	8,900	9,760	9,994	10,567	30	33	4,038	4,967	5,018	4,866	4,952
Illinois	4,515	10,470	11,621	12,091	12,626	7	8	4,881	5,843	5,975	5,889	5,917
Michigan	4,044	9,872	10,653	10,942	11,574	16	21	4,372	5,509	5,477	5,330	5,424
Wisconsin	3,774	9,344	10,238	10,725	11,132	22	27	4,080	5,214	5,264	5,224	5,216
West North Central	**3,736**	**9,235**	**10,420**	**10,768**	**11,242**	(x)	(x)	**4,039**	**5,153**	**5,357**	**5,245**	**5,266**
Minnesota	3,893	9,691	10,683	11,155	11,666	17	18	4,209	5,408	5,493	5,433	5,467
Iowa	3,792	9,335	10733	10,754	11,048	23	28	4,099	5,209	5,518	5,238	5,177
Missouri	3,706	8,720	9,767	10,188	10,790	33	31	4,006	4,866	5,022	4,962	5,056
North Dakota	3,216	8,761	10,896	10,830	11,350	32	24	3,477	4,889	5,602	5,275	5,319
South Dakota	3,140	8,028	9,220	9,582	9,704	38	38	3,395	4,480	4,740	4,667	4,547
Nebraska	3,748	9,139	10,311	10,641	10,940	28	29	4,052	5,100	5,301	5,183	5,126
Kansas	3,777	9,943	11,222	11,717	12,285	15	12	4,083	5,549	5,770	5,707	5,757
South Atlantic	**3,605**	**8,787**	**9,805**	**10,357**	**11,020**	(x)	(x)	**3,897**	**4,903**	**5,041**	**5,045**	**5,164**
Delaware	4,505	10,066	11,044	11,810	12,442	13	11	4,870	5,617	5,678	5,753	5,830
Maryland	4,322	10,384	11,533	12,237	12,994	8	7	4,672	5,795	5,930	5,961	6,089
District of Columbia	4,775	12,732	14,088	15,064	16,409	(x)	(x)	5,162	7,105	7,243	7,338	7,689
Virginia	3,712	9,305	10,385	11,056	11,835	24	16	4,013	5,193	5,339	5,385	5,546
West Virginia	3,043	7,664	8,306	8,758	8,937	43	49	3,290	4,277	4,270	4,266	4,188
North Carolina	3,220	7,753	8,646	9,048	9,656	41	39	3,481	4,326	4,445	4,407	4,525
South Carolina	2,975	7,298	8,109	8,475	8,954	48	48	3,216	4,073	4,169	4,128	4,196
Georgia	3,323	8,060	9,009	9,573	10,283	36	35	3,592	4,498	4,632	4,663	4,819
Florida	3,779	9,202	10,362	10,907	11,592	25	20	4,085	5,135	5,328	5,313	5,432
East South Central	**2,951**	**7,439**	**8,268**	**8,628**	**9,056**	(x)	(x)	**3,190**	**4,151**	**4,251**	**4,203**	**4,244**
Kentucky	3,096	7,642	8,550	8,893	9,162	46	45	3,347	4,265	4,396	4,332	4,293
Tennessee	3,097	7,660	8,513	8,899	9,362	44	42	3,348	4,275	4,377	4,335	4,387
Alabama	2,903	7,481	8,284	8,647	9,235	47	44	3,138	4,175	4,259	4,212	4,328
Mississippi	2,556	6,678	7,390	7,725	8,072	50	50	2,763	3,727	3,799	3,763	3,783
West South Central	**3,340**	**9,086**	**10,436**	**10,915**	**11,173**	(x)	(x)	**3,611**	**5,070**	**5,366**	**5,317**	**5,236**
Arkansas	2,773	7,166	8,149	8,424	9,040	49	46	2,998	3,999	4,190	4,103	4,236
Louisiana	3,041	8,525	9,778	10,211	10,406	34	34	3,288	4,757	5,027	4,974	4,876
Oklahoma	3,337	9,188	10,602	11,247	11,187	26	26	3,608	5,127	5,451	5,478	5,242
Texas	3,536	9,538	10,950	11,423	11,702	18	17	3,823	5,323	5,630	5,564	5,484
Mountain	**3,611**	**9,010**	**10,022**	**10,449**	**10,864**	(x)	(x)	**3,904**	**5,028**	**5,153**	**5,090**	**5,091**
Montana	3,428	8,361	9,245	9,544	9,999	35	37	3,706	4,666	4,753	4,649	4,686
Idaho	3,315	8,044	8,834	8,937	9,342	37	43	3,584	4,489	4,542	4,353	4,378
Wyoming	3,686	11,040	12,135	12,211	11,969	3	15	3,985	6,161	6,239	5,948	5,609
Colorado	3,887	10,042	11,360	12,202	12,580	14	9	4,202	5,604	5,841	5,943	5,895
New Mexico	3,072	7,889	8,695	9,135	9,560	39	41	3,321	4,402	4,470	4,450	4,480
Arizona	3,688	8,833	9,805	10,067	10,719	31	32	3,987	4,929	5,041	4,904	5,023
Utah	3,220	7,656	8,458	8,820	9,031	45	47	3,481	4,272	4,349	4,296	4,232
Nevada	4,691	10,758	11,778	12,022	12,516	6	10	5,071	6,003	6,056	5,856	5,865
Pacific	**4,394**	**10,701**	**11,786**	**12,297**	**12,920**	(x)	(x)	**4,750**	**5,972**	**6,060**	**5,990**	**6,054**
Washington	4,046	10,198	11,117	11,466	12,051	11	14	4,374	5,691	5,716	5,585	5,647
Oregon	3,711	9,356	9,979	10,231	10,920	21	30	4,012	5,221	5,131	4,983	5,117
California	4,510	10,920	12,081	12,616	13,239	5	4	4,875	6,094	6,211	6,145	6,204
Alaska	4,726	12,916	14,819	16,598	16,820	1	1	5,109	7,208	7,619	8,085	7,882
Hawaii	4,674	10,222	11,044	11,614	12,101	10	13	5,053	5,704	5,678	5,657	5,671

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April 1984; and unpublished data.

No. 732. Gross Saving and Investment: 1965 to 1983

[**In billions of dollars.** See *Historical Statistics, Colonial Times to 1970*, series F 552-565, for single-year figures prior to revisions issued in 1981]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Gross saving	120.2	148.9	227.8	218.9	257.9	309.1	374.8	422.7	405.9	464.3	408.6	437.2
Gross private saving	119.7	158.6	234.5	282.7	294.4	326.9	374.0	407.3	435.4	509.9	524.0	571.7
Personal saving	33.7	55.8	85.1	94.3	82.5	78.0	89.4	96.7	110.2	137.4	136.0	118.1
Undistributed corporate profits [1]	30.0	14.8	13.4	29.1	36.9	53.7	62.2	54.5	32.1	42.3	29.2	76.5
Undistributed profits	27.2	18.8	55.2	50.7	65.1	81.2	98.9	112.4	91.2	73.5	35.6	54.5
Inventory valuation adjustment	−1.2	−6.6	−40.0	−11.6	−14.7	−16.2	−24.0	−43.1	−42.9	−23.6	−9.5	−11.2
Capital consumption adjustment	4.0	2.5	−1.8	−10.1	−13.5	−11.3	−12.7	−14.8	−16.3	−7.6	3.1	33.2
Capital consumption allowances:												
Corporate [2]	33.4	54.1	83.4	99.5	109.9	121.5	137.6	157.5	179.3	202.6	221.8	231.2
Noncorporate [2]	22.6	34.0	52.6	59.8	65.2	73.7	84.9	98.5	113.8	127.6	137.1	145.9
Government surplus or deficit (−) [3]	.5	−10.6	−4.7	−63.8	−36.5	−17.8	.8	14.3	−30.7	−26.7	−115.3	−134.5
Federal	.5	−12.4	−11.5	−69.3	−53.1	−45.9	−29.5	−16.1	−61.2	−64.3	−148.2	−176.6
State and local	(−z)	1.9	6.8	5.5	16.6	28.0	30.3	30.4	30.6	37.6	32.9	44.1
Capital grants received by U.S. (net)	–	.9	−2.0	–	–	–	–	1.1	1.2	1.1	–	–
Gross investment	119.0	147.4	231.5	224.4	263.0	310.4	372.3	421.2	408.2	490.0	408.3	437.7
Gross private domestic investment	113.5	144.2	228.7	206.1	257.9	324.1	386.6	423.0	401.9	484.2	414.9	471.6
Net foreign investment	5.4	3.2	2.9	18.3	5.1	−13.6	−14.3	−1.8	6.3	5.8	−6.6	−33.9
Statistical discrepancy	−1.2	−1.5	3.7	5.5	5.1	1.4	−2.6	−1.5	2.3	5.6	−.5	.5

– Represents zero. Z Less than $50 million. [1] With inventory valuation and capital consumption adjustment. [2] With capital consumption adjustment. [3] National income and product accounts basis.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July issues.

No. 733. Flow of Funds Accounts—Composition of Individuals' Savings: 1965 to 1983

[**In billions of dollars.** Combined statement for households, farm and nonfarm, noncorporate business, nonprofit organizations, and personal trusts. Minus sign (−) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series F 586-594, for similar but not exactly comparable data]

COMPOSITION OF SAVINGS	1965	1970	1975	1978	1979	1980	1981	1982	1983
Increase in financial assets [1]	58.8	81.5	174.3	275.3	293.6	323.1	354.2	365.2	426.7
Checkable deposits and currency	7.6	8.9	6.9	22.5	22.0	3.8	25.8	23.0	31.4
Time and savings deposits	27.8	43.6	83.4	100.3	78.5	125.6	66.3	120.5	205.9
Money market fund shares	–	–	1.3	6.9	34.4	29.2	107.5	24.7	−44.1
Securities	2.8	−.2	25.6	42.1	54.7	37.0	19.2	45.6	80.9
U.S. savings bonds	.6	.3	4.0	3.9	−.8	−7.3	−4.3	.2	3.1
Other U.S. Treasury securities	.2	−11.3	15.8	18.0	26.0	28.9	38.2	31.6	34.4
U.S. Government agency securities	1.0	6.4	−1.0	7.6	20.5	11.0	14.8	−2.0	10.5
State and local obligations	1.8	−.9	6.2	4.1	10.4	7.0	9.4	29.9	31.0
Corporate and foreign bonds	.5	10.7	8.9	−1.8	5.7	.6	−8.9	−9.4	−6.1
Open-market paper	.8	−3.8	−4.4	15.4	8.2	−3.2	1.7	−8.2	−1.4
Mutual fund shares	3.2	2.6	−.3	−.1	.1	5.2	6.8	18.6	32.6
Other corporate equities	−5.3	−4.3	−3.5	−5.0	−15.3	−5.1	−38.5	−15.1	−23.2
Private life insurance reserves	4.7	5.4	8.5	11.7	12.3	11.4	9.9	13.9	15.7
Private insured pension reserves	2.1	2.8	8.1	18.3	17.5	20.6	28.6	32.7	37.9
Private noninsured pension reserves	5.4	6.9	11.8	15.9	14.0	22.3	22.4	26.6	32.8
Government insurance and pension reserves	4.7	8.9	15.1	27.9	24.4	35.3	41.0	47.2	53.1
Miscellaneous financial assets	3.7	5.4	13.6	29.6	35.8	37.9	33.6	30.9	15.0
Gross investment in tangible assets	113.7	144.7	222.3	375.6	408.1	386.7	438.4	418.3	478.5
Owner-occupied homes	22.5	25.7	45.6	99.2	110.9	96.7	96.6	77.0	106.8
Other fixed assets [2]	25.6	33.2	42.1	73.2	78.5	82.0	96.9	100.1	98.2
Consumer durables	63.0	85.2	132.2	200.2	213.4	214.7	236.1	244.5	279.1
Inventories [2]	2.6	.5	2.4	3.0	5.3	−6.6	8.8	−3.3	−5.7
Capital consumption allowances	65.7	99.6	166.6	230.0	261.4	298.0	325.5	349.0	378.4
Owner-occupied homes	7.9	12.1	22.2	33.5	39.1	44.1	48.3	50.9	57.1
Other fixed assets [2]	14.9	22.3	38.7	52.9	61.3	72.0	80.8	88.9	91.2
Consumer durables	42.8	65.2	105.7	143.5	160.9	182.0	196.4	209.2	230.1
Net investment in tangible assets	48.0	45.1	55.7	145.7	146.7	88.7	112.8	69.3	100.0
Owner-occupied homes	14.5	13.6	23.5	65.7	71.8	52.6	48.3	26.1	49.7
Other fixed assets [2]	10.7	10.9	3.4	20.3	17.2	10.0	16.0	11.2	7.0
Consumer durables	20.2	20.0	26.5	56.7	52.5	32.8	39.7	35.3	49.0
Inventories [2]	2.6	.5	2.4	3.0	5.3	−6.6	8.8	−3.3	−5.7
Net increase in debt	41.9	40.2	77.0	224.9	237.4	175.8	180.3	127.6	254.3
Mortgage debt on nonfarm homes	17.0	14.1	40.6	111.5	121.2	98.3	78.8	55.8	106.1
Other mortgage debt [2]	8.2	14.2	18.1	34.6	40.9	34.8	37.2	27.4	59.5
Consumer credit	10.6	5.4	9.6	48.8	45.4	4.9	24.1	18.3	54.2
Security credit	.7	−1.8	.7	1.2	1.0	6.5	−1.6	3.3	19.0
Other debt [2]	5.3	8.2	8.1	28.8	28.8	31.4	41.9	22.8	15.5
Individuals' saving	65.0	86.4	153.0	196.0	202.9	236.1	286.7	306.9	274.5
Less: Government insurance and pension reserve	4.7	8.9	15.1	27.9	24.4	35.3	41.0	47.2	53.1
Net investment in consumer durables	20.2	20.0	26.5	56.7	52.5	32.8	39.7	35.3	49.0
Capital gains dividends from mutual funds	.9	.9	.2	.7	.9	1.8	2.7	2.4	3.4
Net saving by farm corporations	(z)	−.1	.1	.2	.1	−.5	−.4	(z)	.1
Equals: Personal saving, flow of funds basis [3]	39.1	56.7	111.1	110.5	124.9	166.7	203.7	222.1	168.9

– Represents zero. Z Less than $50 million. [1] Includes items not shown separately. [2] Includes corporate farms. [3] Personal saving on national income account basis measures personal saving as income less taxes and consumption; flow-of-funds basis measures the same concept from acquisition of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts*, quarterly.

No. 734. Money Income of Households—Percent Distribution by Money Income Level in Constant (1983) Dollars, by Race and Spanish Origin of Householder: 1967 to 1983

[Households as of **March of following year.** Based on Current Population Survey; see text, pp. 1, 2, and 428 and Appendix III. Persons of Spanish origin may be of any race. For definitions of household and race, see p. 3. For definition of median, see Guide to Tabular Presentation]

Race and Spanish origin of householder and year	Number of households (1,000)	Percent distribution, by income level								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
All households:										
1967	60,813	10.3	12.1	11.1	16.5	9.9	23.0	10.1	6.9	21,315
1970	64,778	9.4	11.8	11.4	14.7	9.1	23.9	11.2	8.5	22,410
1975	72,867	8.1	13.8	12.3	11.8	11.4	20.6	13.0	9.0	21,843
1976	74,142	7.8	13.4	12.2	11.5	10.9	21.0	13.4	9.7	22,202
1977	76,030	7.6	13.7	12.2	11.2	10.9	20.5	13.5	10.4	22,313
1978	77,330	7.6	13.1	11.9	11.6	10.5	20.2	14.1	11.1	23,005
1979	80,776	9.0	12.0	12.3	11.2	10.6	18.1	15.8	11.0	22,594
1980	82,368	9.4	13.2	12.5	11.8	10.7	18.0	14.5	9.8	21,413
1981	83,527	9.5	13.7	13.4	11.7	10.9	17.5	13.8	9.5	20,895
1982	83,918	9.3	13.9	13.1	11.9	11.2	17.1	13.6	9.7	20,820
1983	85,407	9.2	13.7	13.0	12.0	10.8	17.0	14.0	10.3	20,885
White:										
1967	54,188	9.5	11.2	10.6	16.6	10.1	24.1	10.7	7.4	22,228
1970	57,575	8.5	11.0	10.8	14.6	9.2	24.9	11.8	9.1	23,341
1975	64,392	7.1	13.0	12.0	11.7	11.5	21.3	13.7	9.7	22,843
1976	65,353	6.8	12.4	11.9	11.5	11.0	21.7	14.1	10.5	23,258
1977	66,934	6.6	12.8	11.7	11.1	11.0	21.4	14.3	11.2	23,464
1978	68,028	6.6	12.2	11.5	11.5	10.6	20.9	14.8	11.8	23,915
1979	70,766	7.9	11.2	11.9	11.2	10.7	18.7	16.6	11.8	23,689
1980	71,872	8.2	12.3	12.2	11.8	10.9	18.8	15.3	10.5	22,590
1981	72,845	8.1	12.8	13.0	11.8	11.2	18.2	14.6	10.3	22,077
1982	73,182	8.0	13.1	12.9	12.0	11.5	17.7	14.4	10.5	21,796
1983	74,376	7.7	12.8	12.8	12.1	11.1	17.7	14.7	11.1	21,902
Black:										
1967	5,728	18.8	21.6	16.4	16.2	8.3	12.9	4.2	1.7	12,906
1970	6,180	17.6	19.1	16.1	15.1	8.3	15.6	5.6	2.7	14,207
1975	7,489	16.9	22.1	14.5	12.8	10.0	14.3	6.6	2.8	13,713
1976	7,776	15.6	22.1	15.5	11.8	9.9	14.8	7.1	3.2	13,830
1977	7,977	15.7	21.5	16.2	12.5	9.4	14.0	7.2	3.6	13,846
1978	8,066	16.5	20.5	14.5	12.1	9.8	14.7	7.8	3.9	14,372
1979	8,586	18.6	19.5	15.7	11.5	9.3	12.8	9.1	3.6	13,908
1980	8,847	19.9	20.9	15.0	11.8	9.1	11.9	8.1	3.1	13,015
1981	8,951	21.0	21.2	16.0	11.2	8.6	11.8	7.2	2.9	12,388
1982	8,916	21.1	20.5	15.7	11.2	9.6	12.3	7.0	2.5	12,353
1983	9,236	21.1	20.8	15.2	11.6	8.4	11.7	8.0	3.1	12,429
Spanish origin:										
1975	2,948	10.8	17.8	17.1	14.7	11.5	17.1	7.6	3.4	16,410
1976	3,081	10.4	18.2	16.4	14.3	11.4	17.3	8.4	3.7	16,747
1977	3,304	8.7	17.5	15.9	15.2	11.8	17.5	8.7	4.6	17,505
1978	3,291	9.1	16.3	15.1	15.4	11.3	18.2	9.7	4.8	18,025
1979	3,684	10.9	15.1	15.5	13.9	11.7	16.3	10.7	5.9	17,901
1980	3,906	12.5	17.1	16.3	13.8	10.8	14.9	10.0	4.6	16,505
1981	3,980	11.3	17.8	16.1	13.5	12.0	15.0	9.8	4.5	16,760
1982	4,085	12.5	19.7	16.0	13.5	10.8	14.0	9.4	4.1	15,666
1983	4,326	12.5	19.3	15.5	13.2	12.1	13.5	9.4	4.6	15,906

No. 735. Money Income of Households—Median Household Income in Current and Constant (1983) Dollars, by Race and Spanish Origin of Householder: 1967 to 1983

[**In dollars, except percent.** See headnote, table 734. Minus sign (–) indicates decrease]

Year	Median income in current dollars				Median income in constant (1983) dollars				Annual percent change of median income of all households	
	All households	White	Black	Spanish origin [1]	All households	White	Black	Spanish origin [1]	Current dollars	Constant dollars
1967	7,143	7,449	4,325	(NA)	21,315	22,228	12,906	(NA)	(X)	(X)
1970	8,734	9,097	5,537	(NA)	22,410	23,341	14,207	(NA)	[2] 6.9	[2] 1.7
1971	9,028	9,443	5,578	(NA)	22,209	23,230	13,722	(NA)	3.4	–.9
1972	9,697	10,173	5,938	7,677	23,093	24,227	14,141	18,283	7.4	4.0
1973	10,512	11,017	6,485	8,144	23,567	24,699	14,539	18,258	8.4	2.1
1974	11,197	11,710	6,964	8,906	22,621	23,658	14,069	17,993	6.5	–4.0
1975	11,800	12,340	7,408	8,865	21,843	22,843	13,713	16,410	5.4	–3.4
1976	12,686	13,289	7,902	9,569	22,202	23,258	13,830	16,747	7.5	1.6
1977	13,572	14,272	8,422	10,647	22,313	23,464	13,846	17,505	7.0	.5
1978	15,064	15,660	9,411	11,803	23,005	23,915	14,372	18,025	11.0	3.1
1979	16,461	17,259	10,133	13,042	22,594	23,689	13,908	17,901	9.3	–1.8
1980	17,710	18,684	10,764	13,651	21,413	22,590	13,015	16,505	7.6	–5.2
1981	19,074	20,153	11,309	15,300	20,895	22,077	12,388	16,760	7.7	–2.4
1982	20,171	21,117	11,968	15,178	20,820	21,796	12,353	15,666	5.8	–.4
1983	20,885	21,902	12,429	15,906	20,885	21,902	12,429	15,906	3.5	.3

NA Not available. X Not applicable. [1] Persons of Spanish origin may be of any race. [2] Change from 1967.

Source of tables 734 and 735: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 145, and unpublished data.

NO. 736. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY MONEY INCOME LEVEL, BY SELECTED CHARACTERISTICS: 1983

[Households as of **March 1984**]

CHARACTERISTIC	Total households (1,000)	PERCENT DISTRIBUTION OF HOUSEHOLDS BY INCOME LEVEL (in dollars)								Median income (dollars)
		Under 5,000	5,000–9,999	10,000–14,999	15,000–19,999	20,000–24,999	25,000–34,999	35,000–49,999	50,000 and over	
Total [1]	**85,407**	**9.2**	**13.7**	**13.0**	**12.0**	**10.8**	**17.0**	**14.0**	**10.3**	**20,885**
White	74,376	7.7	12.8	12.8	12.1	11.1	17.7	14.7	11.1	21,902
Black	9,236	21.1	20.9	15.3	11.6	8.4	11.7	8.0	3.1	12,429
Spanish origin [2]	4,326	12.5	19.3	15.4	13.2	12.1	13.5	9.4	4.6	15,906
Northeast	18,199	9.3	13.9	11.7	11.0	10.3	16.8	15.6	11.4	21,818
Midwest	21,456	9.1	13.2	13.1	11.9	11.5	18.2	13.7	9.3	21,068
South	28,809	10.6	14.3	13.9	12.6	10.6	16.0	12.7	9.3	19,386
West	16,943	7.0	13.2	12.8	12.1	10.7	17.2	15.0	12.0	22,217
Nonfarm	83,589	9.1	13.7	13.0	11.9	10.8	17.1	14.1	10.4	20,971
Farm	1,818	12.8	15.2	16.2	13.0	11.3	13.8	11.3	6.6	17,367
Marital status:										
Male householder	59,361	4.6	9.2	11.5	11.8	11.8	20.1	17.7	13.3	25,467
Married, wife present	47,579	2.7	7.5	10.5	11.5	12.0	21.4	19.5	15.0	27,370
Married, wife absent	1,282	16.1	18.6	13.8	10.5	10.4	15.4	8.4	6.9	15,775
Widowed	1,664	16.3	26.2	18.7	12.2	6.3	8.2	6.9	5.1	11,727
Divorced	3,345	9.4	12.6	13.4	12.9	11.8	18.0	13.8	8.2	20,631
Single (never married)	5,491	11.7	14.4	16.2	14.6	12.3	15.1	9.5	6.1	17,442
Female householder	26,046	19.7	24.0	16.6	12.3	8.5	9.8	5.8	3.3	11,667
Married, husband present	2,510	3.5	8.6	11.7	11.0	12.2	19.8	17.9	15.2	26,409
Married, husband absent	2,564	28.7	26.7	16.0	10.3	6.9	7.4	2.5	1.5	8,851
Widowed	9,484	23.7	32.3	16.8	9.2	6.0	6.7	3.3	2.0	8,806
Divorced	6,037	16.4	21.3	17.3	15.7	10.4	11.3	5.6	2.1	13,486
Single (never married)	5,450	19.8	18.3	17.8	15.4	9.9	10.3	6.2	2.5	13,251
Age of householder:										
15–24 years	5,510	15.9	20.0	20.4	14.8	12.1	10.9	4.5	1.3	13,402
25–34 years	19,808	7.2	10.0	13.1	14.3	13.9	21.1	14.4	6.0	21,746
35–44 years	16,596	5.2	7.3	9.2	10.9	11.0	21.2	19.8	15.3	27,679
45–54 years	12,471	6.0	7.5	8.8	8.4	8.9	19.0	20.9	20.4	30,352
55–64 years	13,121	9.2	12.2	11.5	11.1	10.5	17.0	15.2	13.4	22,778
65 years and over	17,901	15.3	27.3	18.2	12.6	8.3	9.0	5.6	3.7	11,718
Size of household:										
One person	19,954	21.4	25.5	17.6	12.4	8.4	8.7	3.9	2.0	10,747
Two persons	26,890	6.2	12.8	14.6	13.7	11.9	17.5	13.9	9.4	21,065
Three persons	15,134	5.9	8.8	10.4	11.7	11.6	20.0	18.6	13.0	25,707
Four persons	13,593	4.1	7.1	8.2	9.2	11.5	23.0	20.5	16.4	29,187
Five persons	6,070	4.5	7.6	9.5	10.5	10.9	19.7	20.1	17.1	26,029
Six persons	2,372	4.5	10.3	10.8	10.8	8.7	20.7	17.8	16.4	26,888
Seven persons or more	1,394	5.5	12.7	13.4	10.2	11.4	15.9	16.1	14.9	23,423
Education attainment of householder:										
Elementary school	12,860	21.2	27.3	17.6	11.4	7.3	8.4	4.9	2.0	10,370
Less than 8 years	6,895	23.9	30.1	16.5	11.0	6.5	6.6	3.9	1.5	9,221
8 years	5,964	18.0	24.1	18.9	11.8	8.2	10.4	6.0	2.6	11,811
High school	41,391	9.4	14.9	15.0	13.4	12.0	17.4	12.2	5.6	18,883
1–3 years	10,975	15.7	21.3	16.9	12.4	9.8	13.1	7.7	3.1	13,705
4 years	30,416	7.1	12.6	14.4	13.7	12.8	19.0	13.8	6.5	20,800
College	31,156	4.0	6.5	8.5	10.3	10.6	19.9	20.3	19.9	29,982
1–3 years	13,766	5.9	9.5	11.5	12.0	12.0	20.8	17.6	10.7	24,606
4 years or more	17,390	2.5	4.2	6.1	9.0	9.4	19.2	22.3	27.1	34,709
Tenure:										
Owner occupied	55,157	5.9	10.4	11.0	10.9	10.8	19.3	17.6	14.1	25,485
Renter occupied	28,704	14.8	19.6	16.7	14.1	10.9	13.0	7.6	3.3	14,621
Occupier paid no cash rent	1,546	23.5	23.6	17.2	12.4	8.6	7.9	4.7	2.1	10,722

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 145.

No. 737. Money Income of Households—Aggregate and Mean Income, by Race and Spanish Origin of Householder: 1982

[As of **March 1983**. See headnote, table 734. For number of households by characteristic, see table 56. For definition of mean, see Guide to Tabular Presentation]

Characteristic	All races [1]		White		Black		Spanish origin [2]	
	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)
Total	**2,039.9**	**24,309**	**1,852.3**	**25,311**	**140.4**	**15,747**	**76.5**	**16,732**
Region and type of residence:								
Northeast	443.3	24,732	409.1	25,508	27.2	16,668	12.4	15,004
Midwest	515.4	24,161	480.9	24,855	27.8	16,025	5.7	20,790
South	652.6	23,207	577.5	24,845	68.1	14,852	24.5	19,033
West	428.6	25,913	384.9	26,444	17.2	17,954	33.9	19,979
Nonfarm	2,002.3	24,397	1,815.5	25,429	139.8	15,770	76.2	16,773
Farm	37.7	20,382	36.8	20,591	.6	(B)	.3	(B)
In metropolitan areas	1,493.2	26,017	1,338.0	27,296	115.2	16,616	67.1	19,057
Outside metropolitan areas	546.8	20,613	514.3	21,284	25.2	12,711	9.4	16,706
Age of householder:								
15–24 years	90.8	15,940	82.6	16,855	6.4	9,542	4.8	13,781
25–34 years	447.7	23,433	398.9	24,455	37.1	16,094	22.7	18,106
35–44 years	470.2	29,353	420.5	30,596	35.8	19,634	20.3	20,653
45–54 years	394.6	31,941	357.7	33,616	26.3	19,204	15.3	22,780
55–64 years	356.3	27,249	329.7	28,358	20.8	16,635	8.9	19,713
65 years and over	280.4	15,869	263.0	16,475	14.1	9,387	4.5	11,995
Size of household:								
One person	256.8	13,343	232.9	13,780	20.2	9,816	6.3	10,848
Two persons	649.1	24,550	605.7	25,538	33.7	14,641	14.3	17,098
Three persons	409.7	27,699	374.1	29,095	27.4	17,067	16.0	19,741
Four persons	411.5	30,933	372.8	32,108	26.4	20,041	18.0	21,439
Five persons	189.1	30,978	166.4	32,624	16.4	20,516	10.2	20,388
Six persons	77.3	31,410	65.1	33,600	8.2	20,077	6.0	21,663
Seven persons or more	46.3	29,564	35.3	33,412	8.1	19,017	5.8	23,538
Occupation of householder								
Total	**1,721.7**	**28,643**	**1,565.1**	**29,510**	**114.6**	**20,209**	**67.3**	**21,944**
Managerial and professional specialty	626.1	39,343	583.8	39,889	24.0	29,538	13.1	33,631
Technical, sales, and administrative support	397.9	28,048	366.2	28,859	22.8	19,098	13.4	24,120
Service workers	113.2	18,571	89.8	19,399	19.9	15,444	7.3	16,513
Farming, forestry, and fishing	42.2	17,453	39.1	17,717	2.1	12,400	3.0	13,879
Precision production, crafts, and repair	290.5	27,400	271.1	27,726	14.2	22,425	12.5	23,082
Operators, fabricators, and laborers	251.7	23,113	215.1	23,642	31.6	20,088	18.0	19,551

B Base less than 75,000. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142.

No. 738. Household Type, by Income Level and Median Income: 1982

[Households as of **March 1983**. See headnote, table 734.]

Item	All households	Family households				Nonfamily households				
		Total	Married couple	Male hhldr., wife absent	Female hhldr., husband absent	Total	Single-person household			Multiple-person household
							Total	Male householder	Female householder	
Number (1,000):										
All races	**83,918**	**61,393**	**49,908**	**2,016**	**9,469**	**22,525**	**19,250**	**7,451**	**11,799**	**3,275**
Under $5,000	8,082	3,549	1,492	147	1,912	4,532	4,380	1,225	3,155	153
$5,000–$9,999	12,000	6,444	4,057	260	2,127	5,555	5,258	1,513	3,746	297
$10,000–$14,999	11,310	7,645	5,709	266	1,670	3,664	3,212	1,236	1,976	453
$15,000–$19,999	10,212	7,432	5,921	263	1,248	2,781	2,334	995	1,340	446
$20,000–$24,999	9,601	7,578	6,400	260	917	2,024	1,615	860	755	408
$25,000–$34,999	14,221	12,027	10,716	398	913	2,193	1,544	1,002	542	649
$35,000–$49,999	11,045	9,939	9,166	290	483	1,107	579	390	188	528
$50,000 and over	7,448	6,779	6,449	131	199	669	328	232	97	341
Median income (dol.):										
All races	**20,171**	**23,614**	**26,067**	**21,216**	**11,883**	**11,420**	**9,984**	**13,817**	**8,157**	**23,426**
White	21,117	24,763	26,493	22,478	13,940	11,856	10,366	14,756	8,476	24,579
Black	11,968	13,917	20,648	15,285	7,742	7,787	6,874	9,486	5,268	14,992
Spanish origin [1]	15,178	16,376	19,385	18,479	7,602	9,213	7,343	10,524	6,186	18,093

[1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142.

No. 739. Money Income of Households—Mean After-Tax Household Income in Constant (1982) Dollars, by Selected Characteristics: 1980 to 1982

[Households as of **March of following year.** Estimates of after-tax income were derived from tax simulation procedures based on a "statistical" combination of data from the Internal Revenue Service, summaries of State individual income tax regulations, data on the characteristics of persons paying FICA payroll taxes from the Social Security Administration, property tax information from the Annual Housing Survey, and the March Current Population Survey microdata file. For additional information on methodology see source. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	MEAN HOUSEHOLD INCOME			PERCENT CHANGE		CHARACTERISTIC	MEAN HOUSEHOLD INCOME			PERCENT CHANGE	
	1980	1981	1982	1980–1981	1981–1982		1980	1981	1982	1980–1981	1981–1982
All households	**$19,061**	**$18,582**	**$18,906**	**−2.5**	**1.7**	Married couples with children [2]	24,035	23,125	23,307	−3.8	.8
White	19,740	19,272	19,606	−2.4	1.7	Married couples without children [2]	22,681	22,416	22,934	−1.2	2.3
Black	13,412	12,856	12,955	−4.1	.8	Female household-holders with related children [3]	11,586	11,295	10,868	−2.5	−3.8
Spanish origin [1]	15,872	15,757	15,297	−.7	−2.9	Age of householder:					
Northeast	19,033	18,561	18,915	−2.5	1.9	Under 65 years	20,663	20,020	20,277	−3.1	1.3
Midwest	19,254	18,577	18,754	−3.5	1.0	65 years and over	12,863	13,083	13,767	1.7	5.2
South	18,270	17,963	18,399	−1.7	2.4						
West	20,170	19,671	19,953	−2.5	1.4						

[1] Persons of Spanish origin may be of any race. [2] Related children under 18 yr. [3] No husband present.

No. 740. Money Income of Households—Mean Income and Income per Household Member Before and After Taxes, by Selected Characteristics: 1982

[Households as of **March 1983.** See headnote, table 739]

CHARACTERISTIC	MEAN HOUSEHOLD INCOME		INCOME PER HOUSEHOLD MEMBER		Taxes as a percent of income	CHARACTERISTIC	MEAN HOUSEHOLD INCOME		INCOME PER HOUSEHOLD MEMBER		Taxes as a percent of income
	Before taxes	After taxes	Before taxes	After taxes			Before taxes	After taxes	Before taxes	After taxes	
All households	**24,309**	**18,906**	**8,901**	**6,923**	**22.2**	Nonfamily households	15,440	12,126	12,886	10,122	21.5
White	25,311	19,606	9,452	7,322	22.5	Age of householder:					
Black	15,747	12,955	5,174	4,257	17.7	15–24 years	15,940	12,982	6,841	5,571	18.6
Spanish origin [1]	18,732	15,297	5,380	4,394	18.3	25–29 years	21,626	16,936	8,163	6,393	21.7
Northeast	24,732	18,915	9,051	6,922	23.5	30–34 years	25,207	19,338	8,027	6,158	23.3
Midwest	24,161	18,754	8,858	6,875	22.4	35–39 years	28,120	21,307	8,004	6,065	24.2
South	23,207	18,399	8,444	6,694	20.7	40–44 years	30,840	23,266	8,446	6,372	24.6
West	25,913	19,953	9,584	7,380	23.0	45–49 years	32,092	24,173	9,115	6,866	24.7
Family households	27,563	21,393	8,369	6,496	22.4	50–54 years	31,792	23,818	10,392	7,786	25.1
Married couple families:						55–59 years	30,042	22,407	11,529	8,599	25.4
With no children [2]	29,729	22,934	12,462	9,614	22.9	60–64 years	24,427	18,978	10,948	8,505	22.3
With children [2]	30,367	23,307	7,101	5,450	23.2	Tenure:					
Female householder [3]	12,572	10,868	3,671	3,174	13.6	Owner occupied	28,207	21,594	9,692	7,420	23.4
						Renter occupied, incl. no cash rent	17,090	13,928	7,124	5,806	18.5

[1] Persons of Spanish origin may be of any race.
[2] Related children under 18 years. [3] No husband present, with related children under 18 years.

No. 741. Number of Households Paying Taxes and Amount of Taxes by Type of Tax and Before-Tax Money Income: 1982

[Households as of **March 1983.** See headnote, table 739]

TYPE OF TAX	Unit	Total	Under 5,000	5,000–9,999	10,000–14,999	15,000–19,999	20,000–24,999	25,000–34,999	35,000–49,999	50,000 and over
All households	**1,000**	**83,918**	**8,081**	**12,000**	**11,310**	**10,212**	**9,601**	**14,221**	**11,045**	**7,447**
Households paying—										
One or more taxes [1]	1,000	77,250	4,528	9,441	10,857	10,136	9,582	14,219	11,044	7,445
Federal income taxes	1,000	63,089	315	3,157	8,237	9,313	9,419	14,165	11,038	7,444
State income taxes	1,000	52,895	577	3,529	6,643	7,436	7,586	11,663	9,273	6,189
FICA payroll taxes	1,000	62,472	2,343	5,674	7,986	8,159	8,150	12,811	10,333	7,017
Federal retirement taxes	1,000	3,132	59	104	180	297	441	758	740	554
Property taxes	1,000	51,151	2,885	5,367	5,735	5,780	6,014	10,084	8,812	6,473
Taxes paid	**Bil.dol**	**454.7**	**1.8**	**6.5**	**16.4**	**27.5**	**39.6**	**89.9**	**110.9**	**162.0**
Percent of taxes paid:										
Federal income taxes	Percent	59.2	2.3	19.2	39.6	48.8	52.2	55.0	58.7	69.5
State income taxes	Percent	11.2	1.2	5.0	7.8	9.2	10.3	11.2	11.8	12.2
FICA payroll taxes	Percent	20.2	21.1	33.9	33.1	29.1	26.4	24.2	21.2	12.5
Federal retirement taxes	Percent	1.1	.4	.5	.6	.9	1.3	1.2	1.2	.9
Property taxes	Percent	8.3	75.1	41.4	18.8	12.0	9.9	8.3	7.2	4.9

[1] Figures will not add as more than one type of tax may be reported for each household.

Source of tables 739–741: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 137 and unpublished data.

No. 742. Money Income of Families—Percent Distribution by Income Level in Constant (1983) Dollars, by Race and Spanish Origin: 1960 to 1983

[Families as of **March** of following year. Beginning with **1979**, based on householder concept and restricted to primary families. For definition of race, family, and householder see text, pp. 3 and 4. Based on Current Population Survey; see text, pp. 2 and 428 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series G 1-8, G 16-23, G 190-192, and G 197-199]

Race and Spanish origin of householder and year	Number of families (1,000)	Percent distribution of families, by income level								Median income (dol.)
		Under $5,000	$5,000-$9,999	$10,000-$14,999	$15,000-$19,999	$20,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000 and over	
ALL FAMILIES										
1960	45,539	8.7	12.8	14.9	21.9	11.6	11.7	7.5	10.9	16,907
1965	48,509	6.2	11.2	12.4	18.6	11.0	12.3	9.0	19.3	21,968
1970	52,227	4.4	9.1	10.7	15.4	9.8	27.7	13.0	9.9	25,317
1975	56,245	3.9	9.8	11.4	11.8	12.2	26.8	13.2	10.9	25,395
1979	59,550	4.8	8.2	11.0	11.1	11.0	20.8	19.4	13.6	26,885
1980	60,309	5.1	9.6	11.2	11.8	11.5	20.8	17.8	12.2	25,418
1981	61,019	5.3	10.1	12.2	11.7	11.7	20.1	17.0	11.8	24,525
1982	61,393	5.8	10.2	12.0	11.8	12.0	19.6	16.5	12.0	24,187
1983	61,997	5.7	10.2	11.6	11.8	11.5	19.5	17.0	12.6	24,580
WHITE										
1960	41,123	7.1	11.7	14.4	22.5	12.1	12.3	7.9	11.9	19,630
1965	43,497	5.3	9.9	11.5	18.9	11.2	12.7	9.4	21.0	22,896
1970	46,535	3.7	8.0	10.1	15.3	9.8	28.8	13.7	10.6	26,263
1975	49,873	3.2	8.7	10.9	11.6	12.3	27.8	13.8	11.7	26,412
1979	52,243	3.7	7.0	10.3	11.0	11.2	21.6	20.4	14.6	28,054
1980	52,710	4.1	8.3	10.7	11.8	11.7	21.7	18.7	13.1	26,484
1981	53,269	4.2	8.9	11.8	11.7	12.0	20.9	17.9	12.8	25,762
1982	53,407	4.5	8.9	11.7	11.9	12.3	20.3	17.5	13.0	25,394
1983	53,934	4.4	8.8	11.3	11.9	11.8	20.3	17.9	13.6	25,757
BLACK										
1960 [1]	4,333	23.4	22.8	19.2	16.1	7.1	5.9	3.0	2.5	10,866
1965 [1]	4,782	15.0	23.2	20.5	16.5	8.1	7.5	4.3	4.9	12,609
1970	4,928	11.3	18.3	17.0	16.6	9.2	18.3	6.4	3.0	16,111
1975	5,586	10.5	20.7	15.4	13.7	11.2	18.9	6.6	3.0	16,251
1979	6,184	13.7	17.8	16.4	12.3	9.6	14.4	11.2	4.6	15,886
1980	6,317	13.7	20.1	15.5	12.5	10.1	14.0	10.2	4.1	15,324
1981	6,413	15.2	20.3	16.0	11.8	9.9	14.1	9.0	3.6	14,532
1982	6,530	16.6	20.4	15.6	11.1	10.5	14.3	8.5	3.0	14,035
1983	6,675	16.2	20.4	14.7	11.8	9.7	14.0	9.2	4.0	14,506
SPANISH ORIGIN [2]										
1975	2,499	8.1	16.8	17.2	15.2	12.2	19.5	7.3	3.8	17,680
1979	3,029	8.5	13.6	15.4	14.0	12.2	17.8	11.9	6.5	19,448
1980	3,235	9.4	16.2	16.3	14.5	11.5	16.2	11.0	4.9	17,793
1981	3,305	9.1	16.2	16.4	14.3	12.5	15.7	11.0	5.0	17,966
1982	3,369	9.9	18.9	16.1	14.0	11.6	14.7	10.4	4.4	16,749
1983	3,567	10.2	17.9	15.5	14.0	13.0	14.3	10.1	5.0	16,956

[1] For 1960 and 1965, Black and other races. [2] Persons of Spanish origin may be of any race.

No. 743. Money Income of Families—Median Family Income in Current and Constant (1983) Dollars, by Race and Spanish Origin of Householder: 1950 to 1983

[See headnote, table 742. For definition of median, see Guide to Tabular Presentation. Minus sign (−) indicates decrease]

Year	Median income in current dollars				Median income in constant (1983) dollars				Annual percent change of median income of all families	
	All families [1]	White	Black	Spanish origin [2]	All families [1]	White	Black	Spanish origin [2]	Current dollars	Constant dollars
1950	3,319	3,445	[3] 1,869	(NA)	13,736	14,258	[3] 7,735	(NA)	[4] 3.1	[4] .6
1955	4,418	4,613	[3] 2,544	(NA)	16,438	17,164	[3] 9,465	(NA)	5.9	3.7
1960	5,620	5,835	[3] 3,230	(NA)	18,907	19,630	[3] 10,866	(NA)	5.4	3.3
1965	6,957	7,251	[3] 3,993	(NA)	21,968	22,896	[3] 12,609	(NA)	4.4	3.1
1970	9,867	10,236	6,279	(NA)	25,317	26,263	16,111	(NA)	7.5	2.9
1971	10,285	10,672	6,440	(NA)	25,301	26,253	15,843	(NA)	4.2	−.1
1972	11,116	11,549	6,864	8,183	26,473	27,504	16,347	19,488	8.1	4.6
1973	12,051	12,595	7,269	8,715	27,017	28,237	16,297	19,538	8.4	2.1
1974	12,902	13,408	8,006	9,540	26,066	27,088	16,175	19,274	7.1	−3.5
1975	13,719	14,268	8,779	9,551	25,395	26,412	16,251	17,680	6.3	−2.6
1976	14,958	15,537	9,242	10,258	26,179	27,192	16,175	17,955	9.0	3.1
1977	16,009	16,740	9,563	11,421	26,320	27,522	15,722	18,777	7.0	.5
1978	17,640	18,368	10,879	12,566	26,938	28,050	16,614	19,190	10.2	2.3
1979	19,587	20,439	11,574	14,169	26,885	28,054	15,886	19,448	11.0	−.2
1980	21,023	21,904	12,674	14,716	25,418	26,484	15,324	17,793	7.3	−5.5
1981	22,388	23,517	13,266	16,401	24,525	25,762	14,532	17,966	6.5	−3.5
1982	23,433	24,603	13,598	16,227	24,187	25,394	14,035	16,749	4.6	−1.4
1983	24,580	25,757	14,506	16,956	24,580	25,757	14,506	16,956	4.8	1.6

NA Not available. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] For 1950-1965, Black and other races. [4] Change from 1947.

Source of tables 742 and 743: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 145, and unpublished data.

NO. 744. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER, AND SELECTED CHARACTERISTICS: 1982

[Families as of **March 1983.** See headnote, table 742. For definitions, see text, p. 3. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series G1-8 for U.S. data on total, White, Black and other races]

RACE OF HOUSEHOLDER, REGION, RESIDENCE, AND EDUCATION	Number of families (1,000)	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL ($1,000)— Under 5.0	5.0–9.9	10.0–14.9	15.0–19.9	20.0–24.9	25.0–29.9	30.0–39.9	40.0–49.9	50.0 and over	Median income (dol.)
All families [1]	**61,393**	**6.0**	**10.6**	**12.5**	**12.1**	**12.3**	**10.7**	**15.8**	**9.1**	**10.9**	**23,433**
WHITE											
Total	**53,407**	**4.6**	**9.3**	**12.1**	**12.3**	**12.6**	**11.0**	**16.5**	**9.7**	**11.9**	**24,603**
Northeast	11,563	4.0	9.0	11.2	11.5	12.2	11.5	17.2	10.6	12.5	25,815
Midwest	14,295	4.6	8.5	11.1	12.6	13.5	11.8	17.7	9.7	10.5	24,903
South	17,426	5.1	10.3	13.5	12.8	12.7	10.5	15.3	8.5	11.4	23,089
West	10,122	4.7	9.1	12.1	12.0	11.6	10.3	16.0	10.4	13.8	25,249
In metropolitan areas [2]	35,000	3.9	7.9	10.6	11.2	12.1	11.1	17.4	11.1	14.7	26,743
In central cities	12,144	5.2	10.6	11.8	12.1	12.9	10.4	16.0	9.4	11.6	23,906
Outside central cities	22,856	3.2	6.5	10.0	10.6	11.6	11.5	18.1	12.0	16.4	28,329
Outside metropolitan areas	18,407	6.1	11.9	14.9	14.5	13.6	10.8	14.7	7.0	6.4	20,867
Householder completed [3]—											
Elementary school:											
Less than 8 years	3,719	10.3	25.4	22.5	15.2	9.9	6.7	5.9	2.1	1.9	12,708
8 years	3,579	7.4	18.4	21.7	15.1	12.7	8.9	9.1	3.9	2.8	15,783
High school:											
1–3 years	6,233	6.9	15.4	16.5	14.7	13.5	10.4	13.0	5.4	4.2	18,779
4 years	18,010	3.8	7.3	11.9	13.7	14.3	13.0	18.2	10.3	7.4	24,617
College:											
1–3 years	7,926	2.8	4.7	8.8	10.8	13.7	13.3	22.0	11.8	12.1	28,330
4 years or more	11,084	1.6	2.1	3.6	6.7	8.4	9.4	19.7	16.2	32.1	38,980
BLACK											
Total	**6,530**	**17.0**	**20.9**	**15.7**	**11.2**	**10.7**	**6.0**	**10.0**	**3.8**	**2.6**	**13,599**
Northeast	1,203	14.5	20.1	16.4	10.2	10.9	9.5	11.1	6.1	1.5	14,735
Midwest	1,237	20.6	20.4	14.8	8.4	8.4	8.4	10.6	4.4	4.0	12,374
South	3,443	17.5	22.1	15.9	11.8	11.0	7.3	9.4	2.7	2.3	13,044
West	646	12.5	16.8	15.5	15.3	13.0	7.7	10.4	4.5	4.3	16,508
In metropolitan areas [2]	4,998	17.0	19.2	14.8	10.9	10.8	8.7	10.7	4.6	3.3	14,580
In central cities	3,538	18.4	20.7	15.7	11.3	10.9	8.5	8.4	3.6	2.4	13,055
Outside central cities	1,460	13.4	15.6	12.6	10.1	10.4	9.2	16.2	6.8	5.6	19,092
Outside metropolitan areas	1,531	17.4	26.4	18.4	12.2	10.3	5.6	8.0	1.4	.3	11,532
Householder completed [3]—											
Elementary school:											
Less than 8 years	984	17.5	33.7	21.1	10.8	8.0	4.6	3.2	1.0	.1	9,798
8 years	399	12.3	32.8	18.8	14.5	7.0	5.5	5.3	3.0	.8	11,390
High school:											
1–3 years	1,291	22.0	22.5	16.1	10.9	9.9	7.4	7.1	2.6	1.6	11,358
4 years	2,030	15.0	16.2	15.5	10.7	12.8	10.3	12.8	4.2	2.5	16,425
College:											
1–3 years	814	9.7	15.7	15.2	12.9	12.9	10.1	13.9	5.6	4.0	18,705
4 years or more	504	2.6	6.2	6.7	11.1	12.7	9.7	26.8	11.7	12.5	30,412
SPANISH ORIGIN [4]											
Total	**3,369**	**10.1**	**19.5**	**16.5**	**14.1**	**11.7**	**8.4**	**10.3**	**5.6**	**3.9**	**16,228**
Northeast	655	17.1	26.4	13.6	11.0	9.8	7.2	9.5	3.8	1.8	12,389
Midwest	220	10.9	10.9	13.6	11.8	18.1	10.9	13.1	6.3	4.5	20,841
South	1,096	8.6	19.5	18.3	15.3	9.7	8.8	10.5	6.2	3.3	16,087
West	1,397	7.9	17.6	16.8	15.2	13.1	8.3	10.2	5.7	5.2	17,193
In metropolitan areas [2]	2,901	10.2	19.5	16.0	14.1	11.5	8.0	10.7	5.8	4.3	16,339
In central cities	1,729	11.8	22.4	16.7	13.9	11.0	7.5	9.1	4.8	2.8	14,667
Outside central cities	1,172	7.7	15.3	14.9	14.3	12.4	8.8	13.1	7.1	6.5	18,949
Outside metropolitan areas	468	9.6	19.1	19.7	14.3	12.4	10.9	8.1	4.3	1.5	15,510
Householder completed [3]—											
Elementary school:											
Less than 8 years	975	13.9	28.3	20.7	13.3	9.3	6.5	4.6	2.4	.9	11,479
8 years	268	11.1	22.6	15.9	18.9	10.4	8.5	6.3	3.7	2.6	15,014
High school:											
1–3 years	465	12.3	24.6	16.6	14.4	9.3	8.2	6.9	6.2	1.5	14,113
4 years	826	5.1	12.7	15.5	15.5	13.9	11.2	16.1	6.3	3.6	20,358
College:											
1–3 years	336	4.2	5.7	14.6	13.7	14.3	10.7	18.5	11.6	6.8	24,039
4 years or more	237	1.7	3.8	4.2	10.5	14.3	7.6	19.7	14.7	23.5	34,193

[1] Includes other races not shown separately. [2] 243 standard metropolitan statistical areas as of the 1970 census. [3] Restricted to families with householder 25 years old and over. [4] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 142.

No. 745. Money Income of Families—Income and Percent of Aggregate Income at Selected Positions Received by Each Fifth and Top 5 Percent of Families: 1983

[Families as of **March 1984.** For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series G 31-138]

Item	All families	Race			Region			
		White	Black and other		Northeast	Midwest	South	West
			Total	Black				
Number (1,000)	61,997	53,934	8,063	6,675	12,928	15,711	21,524	11,833
Income at selected positions (dollars)								
Upper limit of each fifth:								
Lowest	11,629	12,878	6,206	5,915	12,508	12,000	10,600	12,306
Second	20,060	21,288	12,000	11,025	22,000	20,484	18,220	21,000
Third	29,204	30,255	20,120	18,300	31,325	29,200	27,200	30,100
Fourth	41,824	42,915	32,011	29,100	43,887	41,000	39,922	43,862
Top 5 percent	67,326	69,342	52,712	47,610	70,226	64,200	65,500	70,000
Percent distribution of aggregate income								
Lowest fifth	4.7	5.2	3.6	3.7	4.8	4.8	4.5	4.9
Second fifth	11.1	11.5	8.8	9.0	11.5	11.5	10.6	11.2
Third fifth	17.1	17.2	15.6	15.9	17.6	17.4	16.6	17.1
Fourth fifth	24.4	24.2	25.3	25.5	24.6	24.3	24.3	24.5
Highest fifth	42.7	42.0	46.8	45.9	41.6	41.9	43.9	42.4
Top 5 percent	15.8	15.6	17.0	16.0	15.0	15.6	16.6	15.5

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 145.

No. 746. Money Income of Families—Aggregate, Mean, and Per Capita Income, by Family Characteristics: 1982

[Families as of **March 1983.** Based on Current Population Survey; see headnote, table 742]

Characteristic	All races [1]				White				Black			
	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)
Total families	**61,393**	**1,681.6**	**27,391**	**8,392**	**53,407**	**1,527.6**	**28,603**	**8,936**	**6,530**	**112.7**	**17,259**	**4,718**
Age of householder:												
15 to 24 years	3,436	54.4	15,831	5,751	2,856	48.8	17,091	6,334	507	4.6	9,019	2,971
25 to 34 years	14,217	341.8	24,040	7,095	12,076	304.0	25,176	7,475	1,766	28.0	15,871	4,568
35 to 44 years	13,658	414.7	30,363	7,699	11,757	371.4	31,589	8,088	1,508	30.7	20,376	4,857
45 to 54 years	10,476	359.3	34,298	9,409	9,137	327.3	35,822	10,048	1,046	22.4	21,404	5,219
55 to 64 years	10,009	310.0	30,971	11,022	8,946	287.5	32,133	11,807	891	17.0	19,105	5,375
65 years and over	9,597	201.4	20,990	8,921	8,635	188.6	21,844	9,555	813	10.0	12,272	4,105
Marital status of householder:												
Male householder, total	49,736	1,480.1	29,759	8,996	45,115	1,366.6	30,292	9,293	3,470	78.0	22,471	6,015
Married:												
Wife present	47,720	1,433.9	30,048	9,008	43,467	1,326.7	30,522	9,289	3,160	73.0	23,113	6,074
Wife absent	288	6.0	20,872	7,475	210	4.5	21,459	7,945	64	1.1	(B)	(B)
Separated	235	4.6	19,513	7,047	174	3.5	19,805	7,411	57	1.0	(B)	(B)
Widowed	423	10.4	24,530	8,298	347	9.2	26,468	9,424	68	1.0	(B)	(B)
Divorced	696	16.8	24,125	9,299	611	15.2	24,874	9,685	79	1.5	18,708	6,656
Single	609	13.0	21,350	8,709	480	11.0	22,958	9,741	98	1.4	13,975	4,993
Female householder, total	11,657	201.5	17,287	5,621	8,292	161.0	19,417	6,738	3,060	34.7	11,348	3,180
Married:												
Husband present	2,187	62.9	28,764	8,969	1,785	54.3	30,426	9,968	326	6.2	18,922	4,759
Husband absent	1,765	18.9	10,737	3,153	1,065	12.0	11,257	3,542	646	6.2	9,544	2,530
Separated	1,555	16.2	10,407	3,054	917	10.2	11,092	3,511	600	5.5	9,212	2,424
Widowed	2,548	47.7	18,733	6,355	1,955	40.4	20,645	7,578	534	6.4	11,958	3,243
Divorced	3,433	52.0	15,156	5,034	2,701	42.5	15,749	5,486	655	8.5	12,929	3,628
Single	1,724	19.9	11,535	3,994	786	11.8	15,025	5,956	899	7.5	8,382	2,612
Size of family:												
Two persons	24,392	589.0	24,148	12,007	21,872	550.3	25,161	12,542	2,131	30.0	14,074	6,822
Three persons	14,189	388.8	27,401	9,022	12,328	355.1	28,804	9,498	1,554	26.1	16,804	5,456
Four persons	13,039	403.2	30,924	7,674	11,400	365.7	32,080	7,968	1,267	25.5	20,114	4,952
Five persons	5,970	184.4	30,881	6,129	4,980	162.1	32,560	6,463	792	16.0	20,142	3,991
Six persons	2,329	73.1	31,388	5,166	1,843	61.7	33,477	5,531	379	7.5	19,825	3,278
Seven persons or more	1,475	43.1	29,242	3,746	984	32.7	33,182	4,325	406	7.6	18,785	2,937

B Base less than 75,000. [1] Includes other races not shown separately. [2] For definition of mean, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 142.

No. 747. Median Money Income of Families and Unrelated Individuals, in Current and Constant (1982) Dollars: 1955 to 1982

[See headnote, table 742. Unrelated individuals are persons not living with any relatives. See text, pp. 4 and 428. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 179–188]

ITEM	1955	1960	1965	1970	1975	1980	1981	1982
CURRENT DOLLARS								
Families:[1]								
Married-couple families	4,599	5,873	7,330	10,516	14,867	23,141	25,065	26,019
Wife in paid labor force	5,622	6,900	8,633	12,276	17,237	26,879	29,247	30,342
Wife not in paid labor force	4,326	5,520	6,706	9,304	12,752	18,972	20,325	21,299
Male householder, no wife present	4,190	4,860	6,515	9,012	12,995	17,519	19,889	20,140
Female householder, no husband present	2,471	2,968	3,595	5,093	6,844	10,408	10,960	11,484
Unrelated individuals:								
Male	1,831	2,480	3,194	4,540	6,612	10,939	11,848	12,470
Female	1,054	1,377	2,267	2,483	3,978	6,668	7,370	8,058
CONSTANT (1982) DOLLARS								
Families:[1]								
Married-couple families	16,578	19,142	22,424	26,141	26,663	27,107	26,602	26,019
Wife in paid labor force	20,266	22,489	26,411	30,516	30,913	31,486	31,040	30,342
Wife not in paid labor force	15,594	17,991	20,515	23,128	22,870	22,224	21,571	21,299
Male householder, no wife present	15,104	15,840	19,931	22,402	23,306	20,522	21,108	20,140
Female householder, no husband present	8,907	9,674	10,814	12,660	12,274	12,192	11,632	11,484
Unrelated individuals:								
Male	6,600	8,083	9,771	11,286	11,858	12,814	12,574	12,470
Female	3,799	4,488	6,935	6,172	7,134	7,811	7,822	8,058

[1] Beginning 1980, based on household concept. Restricted to primary families, see source.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142, and earlier issues.

No. 748. Money Income of Families—Type of Family, by Income Level: 1982

[**In thousands, except dollars.** Families as of **March 1983.** Based on Current Population Survey; see headnote, table 742]

TYPE OF FAMILY	Number of families	INCOME LEVEL								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
Total	**61,393**	**3,684**	**6,521**	**7,653**	**7,459**	**7,575**	**11,985**	**9,815**	**6,703**	**23,433**
Married-couple families	49,908	1,508	4,076	5,722	5,923	6,409	10,727	9,124	6,420	26,019
Wife in paid labor force	25,480	383	1,003	1,953	2,593	3,276	6,297	5,989	3,986	30,342
Wife employed	23,663	298	795	1,689	2,318	3,017	5,920	5,741	3,882	30,979
Wife unemployed	1,817	84	207	265	275	259	376	248	103	21,380
Wife not in paid labor force	24,428	1,126	3,073	3,768	3,331	3,132	4,430	3,134	2,434	21,299
Male householder, no wife present	2,016	171	275	267	287	255	378	268	115	20,140
Female householder, no husband present	9,469	2,005	2,170	1,664	1,249	911	880	424	167	11,484

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142, and earlier issues.

No. 749. Median Family Money Income by Number of Earners and Race of Householder: 1982

[See headnote, table 742. For definition of median, see Guide to Tabular Presentation]

NUMBER OF EARNERS	ALL FAMILIES, MEDIAN FAMILY INCOME (dollars)			FAMILIES WITH HOUSEHOLDER, YEAR-ROUND FULL-TIME WORKER						BLACK-WHITE MEDIAN FAMILY INCOME RATIO	
				Percent of all families			Median family income (dollars)				
	All races[1]	White	Black	All races[1]	White	Black	All races[1]	White	Black	All families	Families with householder year-round full-time worker
All families[2]	**23,495**	**24,654**	**13,507**	**55.1**	**56.7**	**41.8**	**30,480**	**31,088**	**23,156**	**.55**	**.74**
No earners	9,911	11,384	4,886	–	–	–	(B)	(B)	(B)	.43	(X)
1 earner	18,913	20,244	11,062	53.7	55.2	42.4	23,036	24,216	14,331	.55	.59
2 earners	28.073	28.628	23.249	69.7	70.4	62.5	31,203	31,554	26,760	.81	.85
3 earners	35,798	36,824	26,992	73.2	74.6	59.0	39,078	39,893	31,093	.73	.78
4 earners or more	44,409	45,052	37,483	76.7	78.0	67.4	47,028	47,504	40,698	.83	.86

– Represents zero or rounds to zero. B Base less than 75,000. X Not applicable. [1] Includes other races not shown separately. [2] Civilian members 15 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142, and earlier issues.

No. 750. Money Income of Families—Median Income, 1959 to 1979, By State

[In dollars, except rank. Families as of April of following year. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series G 205-256 and Appendix III]

STATE	1959	1969	1979		STATE	1959	1969	1979	
			Total	Rank				Total	Rank
United States	**$5,660**	**$9,586**	**$19,917**	(x)	Missouri	5,127	8,908	18,784	31
					Montana	5,403	8,509	18,413	32
Alabama	3,937	7,263	16,347	46	Nebraska	4,862	8,562	19,122	29
Alaska	7,305	12,441	26,395	1	Nevada	6,736	10,687	21,311	11
Arizona	5,568	9,165	19,017	30	New Hampshire	5,636	9,682	19,723	25
Arkansas	3,184	6,271	14,641	49	New Jersey	6,786	11,403	22,906	4
California	6,726	10,729	21,537	10					
Colorado	5,780	9,552	21,279	12	New Mexico	5,371	7,845	16,928	42
					New York	6,371	10,609	20,180	19
Connecticut	6,887	11,808	23,149	2	North Carolina	3,956	7,770	16,792	43
Delaware	6,197	10,209	20,817	17	North Dakota	4,530	7,836	18,023	34
District of Columbia	5,993	9,576	19,099	(x)	Ohio	6,171	10,309	20,909	16
Florida	4,722	8,261	17,280	39	Oklahoma	4,620	7,720	17,668	35
Georgia	4,208	8,165	17,414	37					
Hawaii	6,366	11,552	22,750	5	Oregon	5,892	9,487	20,027	21
Idaho	5,259	8,380	17,492	36	Pennsylvania	5,719	9,554	19,995	24
					Rhode Island	5,589	9,733	19,448	28
Illinois	6,566	10,957	22,746	6	South Carolina	3,821	7,620	16,978	41
Indiana	5,798	9,966	20,535	18	South Dakota	4,251	7,490	15,993	48
Iowa	5,069	9,016	20,052	20	Tennessee	3,949	7,446	16,564	44
Kansas	5,295	8,690	19,707	26	Texas	4,884	8,486	19,618	27
Kentucky	4,051	7,439	16,444	45					
Louisiana	4,272	7,527	18,088	33	Utah	5,899	9,320	20,024	22
					Vermont	4,890	8,928	17,205	40
Maine	4,873	8,205	16,167	47	Virginia	4,964	9,044	20,018	23
Maryland	6,309	11,057	23,112	3	Washington	6,225	10,404	21,696	9
Massachusetts	6,272	10,833	21,166	14	West Virginia	4,572	7,414	17,308	38
Michigan	6,256	11,029	22,107	8	Wisconsin	5,926	10,065	20,915	15
Minnesota	5,573	9,928	21,185	13	Wyoming	5,877	8,944	22,430	7
Mississippi	2,884	6,068	14,591	50					

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, and *1980 Census of Population and Housing,* vol. 1, chapter C (PC 80-1-C).

No. 751. Median Money Income of 4-Person Families—States: 1969 to 1981

[**In dollars, except rank.** Except 1969, estimates based on a linear regression model using data from March Current Population Survey, 1970 Census of Population, and per capita personal income estimates from the U.S. Bureau of Economic Analysis. For definition of median, see Guide to Tabular Presentation]

STATE	1969	1979	1981		STATE	1969	1979	1981	
			Total	Rank				Total	Rank
United States	**10,782**	**22,626**	**26,274**	(x)	Missouri	10,277	21,891	25,339	26
					Montana	9,337	20,776	24,953	30
Alabama	8,825	19,926	22,443	43	Nebraska	9,651	21,438	24,835	32
Alaska	13,048	31,018	35,834	1	Nevada	11,565	24,438	28,829	10
Arizona	10,543	21,924	25,163	28	New Hampshire	10,647	22,027	25,332	27
Arkansas	7,951	17,893	20,583	50	New Jersey	12,456	26,014	30,793	3
California	11,918	24,752	27,763	14					
Colorado	10,612	23,757	28,756	11	New Mexico	8,934	19,257	21,488	49
Connecticut	12,668	25,712	31,108	2	New York	11,654	22,669	26,030	23
					North Carolina	9,104	19,772	23,625	37
Delaware	11,166	23,627	27,174	17	North Dakota	8,736	20,511	25,364	25
District of Columbia	10,302	21,862	28,312	(x)	Ohio	11,185	23,279	26,651	18
Florida	9,990	21,086	23,504	39	Oklahoma	9,219	20,659	24,701	34
Georgia	9,650	20,668	25,131	29					
Hawaii	12,411	24,966	29,295	6	Oregon	10,638	22,688	24,516	35
					Pennsylvania	10,514	22,266	26,519	20
Idaho	9,323	19,961	22,821	41	Rhode Island	10,721	22,107	25,625	24
Illinois	11,912	25,410	29,403	5	South Carolina	8,939	19,944	22,060	47
Indiana	10,941	23,014	24,832	33	South Dakota	8,582	18,674	21,708	48
Iowa	10,173	22,351	26,678	19	Tennessee	8,781	19,693	22,336	45
Kansas	9,941	22,127	24,842	31	Texas	9,998	22,521	26,492	21
Kentucky	8,712	19,685	22,409	44					
Louisiana	8,874	21,412	26,144	22	Utah	9,910	21,572	24,171	36
					Vermont	9,746	19,424	23,551	38
Maine	8,964	18,319	22,201	46	Virginia	10,256	22,757	28,850	8
Maryland	11,988	26,203	30,019	4	Washington	11,392	24,394	28,254	12
Massachusetts	11,683	23,772	28,839	9	West Virginia	8,514	20,214	22,842	40
Michigan	11,955	25,111	27,976	13	Wisconsin	11,025	23,320	27,232	16
Minnesota	11,029	24,044	29,261	7	Wyoming	9,966	24,641	27,553	15
Mississippi	7,825	16,150	22,509	42					

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol I; and *Federal Register,* Nov. 24, 1980, and unpublished data.

No. 752. Money Income of Families—Percent Distribution by Income Level, and Median Income in Constant (1982) Dollars, by Region: 1960 to 1982

[Families as of **March** of following year. For composition of regions, see fig. I, inside front cover. Beginning 1975, data not strictly comparable with earlier years due to revised procedures. See also headnote, table 742. For definition of median, see Guide to Tabular Presentation]

Region and income level	1960	1970	1980	1981	1982
Northeast	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $5,000	4.9	3.0	4.4	4.8	5.0
$5,000–$9,999	10.4	7.7	9.7	9.4	10.1
$10,000–$14,999	15.3	9.8	10.7	11.5	11.7
$15,000–$19,999	24.2	15.3	11.6	11.7	11.3
$20,000–$24,999	12.8	9.8	12.2	12.3	12.1
$25,000–$34,999	32.5	29.6	21.3	21.0	20.6
$35,000–$49,999		14.0	18.1	17.7	17.6
$50,000 and over		10.7	12.0	11.5	11.7
Midwest	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $5,000	8.0	3.8	4.6	4.9	5.9
$5,000–$9,999	13.1	8.4	9.2	9.6	9.5
$10,000–$14,999	14.6	10.3	10.9	12.6	11.4
$15,000–$19,999	23.7	15.7	11.9	11.9	12.2
$20,000–$24,999	12.2	10.0	12.4	12.2	13.0
$25,000–$34,999	28.4	29.6	21.6	21.6	21.1
$35,000–$49,999		13.1	18.9	17.5	16.9
$50,000 and over		9.0	10.5	9.7	10.1
South	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $5,000	16.1	7.1	6.9	6.8	7.2
$5,000–$9,999	18.3	11.8	11.6	12.6	12.2
South—Con.					
$10,000–$14,999	18.1	13.5	13.0	13.7	13.9
$15,000–$19,999	20.1	17.2	12.9	12.6	12.7
$20,000–$24,999	9.5	10.3	12.0	12.1	12.4
$25,000–$34,999	17.9	22.6	19.5	19.0	18.1
$35,000–$49,999		10.2	14.8	13.7	13.7
$50,000 and over		7.2	9.3	9.6	9.8
West	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $5,000	5.1	3.6	4.1	4.6	5.2
$5,000–$9,999	9.5	9.1	9.1	9.6	9.7
$10,000–$14,999	12.8	10.1	11.1	12.2	12.3
$15,000–$19,999	21.9	15.8	11.3	11.5	12.1
$20,000–$24,999	12.3	10.0	11.5	11.4	11.7
$25,000–$34,999	38.6	28.2	20.0	19.8	18.9
$35,000–$49,999		13.2	18.5	17.5	17.0
$50,000 and over		9.9	13.9	13.2	13.2
MEDIAN INCOME (dol.)					
Northeast	19,741	26,588	25,602	25,159	24,918
Midwest	18,860	25,671	25,461	24,535	24,219
South	14,289	21,259	22,423	21,844	21,500
West	21,333	25,537	26,100	25,337	24,624

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 142.

No. 753. Per Capita Money Income, by State: 1959 to 1981

[Persons as of **April** of following year, except **1981** as of **July 1982**]

State	1959	1969	1979	1981 Income	1981 Rank
United States	**$1,850**	**$3,119**	**$7,298**	**$8,693**	**(x)**
Alabama	1,246	2,317	5,894	6,982	45
Alaska	2,259	3,725	10,193	12,107	1
Arizona	1,764	2,937	7,041	8,413	28
Arkansas	1,125	2,142	5,614	6,696	49
California	2,308	3,614	8,295	9,798	5
Colorado	1,889	3,106	7,998	9,704	7
Connecticut	2,352	3,865	8,511	10,368	2
Delaware	2,086	3,265	7,449	8,880	16
District of Columbia	2,404	3,842	8,960	10,680	(x)
Florida	1,728	3,058	7,270	8,981	15
Georgia	1,359	2,640	6,402	7,721	35
Hawaii	1,863	3,373	7,740	9,014	14
Idaho	1,608	2,644	6,248	7,248	41
Illinois	2,182	3,495	8,066	9,565	8
Indiana	1,832	3,070	7,142	8,442	25
Iowa	1,648	2,884	7,136	8,521	22
Kansas	1,775	2,929	7,350	8,762	18
Kentucky	1,322	2,425	5,978	7,022	44
Louisiana	1,369	2,330	6,430	8,113	31
Maine	1,514	2,548	5,768	6,895	46
Maryland	2,003	3,512	8,293	9,993	3
Massachusetts	2,050	3,408	7,458	9,101	11
Michigan	1,940	3,357	7,688	8,627	20
Minnesota	1,734	3,038	7,451	8,740	19
Mississippi	967	1,925	5,183	6,221	50
Missouri	1,751	2,952	6,917	8,098	32
Montana	1,679	2,696	6,589	7,309	39
Nebraska	1,629	2,797	6,936	7,958	33
Nevada	2,356	3,554	8,453	9,769	6
New Hampshire	1,794	2,985	6,966	8,423	27
New Jersey	2,260	3,674	8,127	9,826	4
New Mexico	1,599	2,437	6,119	7,229	42
New York	2,236	3,608	7,498	9,067	12
North Carolina	1,252	2,474	6,133	7,315	38
North Dakota	1,357	2,469	6,417	7,761	34
Ohio	1,957	3,199	7,285	8,445	24
Oklahoma	1,613	2,694	6,858	8,570	21
Oregon	1,949	3,148	7,557	8,470	23
Pennsylvania	1,855	3,066	7,077	8,401	29
Rhode Island	1,818	3,121	6,897	8,216	30
South Carolina	1,142	2,303	5,886	7,071	43
South Dakota	1,327	2,387	5,697	6,811	48
Tennessee	1,318	2,464	6,213	7,295	40
Texas	1,626	2,792	7,205	8,812	17
Utah	1,695	2,697	6,305	7,349	37
Vermont	1,516	2,772	6,178	7,601	36
Virginia	1,598	2,996	7,478	9,041	13
Washington	2,033	3,357	8,073	9,426	10
West Virginia	1,378	2,333	6,141	6,892	47
Wisconsin	1,844	3,032	7,243	8,435	26
Wyoming	1,888	2,895	7,927	9,451	9

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1; *1980 Census of Population*, vol. 1, chapter C (PC 80-1-C), and *Current Population Reports*, series P-26, Nos. 82-1-SC to 82-50-SC.

NO. 754. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION BY INCOME LEVEL, MEDIAN, AND MEAN INCOME, BY SEX, 1960 TO 1982, AND BY RACE, SPANISH ORIGIN, REGION, AND AGE, 1982

[For 1960–1975, persons 14 years old and over; thereafter, 15 years old and over. As of **March** of following year. Based on Current Population Survey; see headnote, table 742. For definitions of median and mean, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series G 257–268, for percent distribution by income level, and median income]

SEX, YEAR, RACE, SPANISH ORIGIN, REGION, AND AGE	All persons (mil.)	PERSONS WITH INCOME								Median income (dol.)	Mean income (dol.)
		Total (mil.)	Percent distribution by income (in dollars) level—								
			1 to 1,999 or less [1]	2,000–3,999	4,000–5,999	6,000–7,999	8,000–9,999	10,000–14,999	15,000–24,999	25,000 and over	
MALE											
1960	60.4	55.2	27.6	21.4	24.7	14.7	5.5	4.1	1.4	.6	4,080	4,617
1970	70.6	65.0	18.8	13.7	12.9	14.7	13.2	17.7	6.8	2.3	6,670	7,537
1975	77.6	71.2	12.9	12.0	10.8	10.0	9.6	21.7	17.5	5.4	8,853	10,429
1979	*80.2*	*76.5*	9.5	9.2	8.4	8.3	7.0	17.8	25.7	14.1	11,845	14,369
1980	82.9	78.7	9.1	8.0	8.2	7.8	6.8	17.1	25.5	17.5	12,530	15,340
1981	84.0	79.7	8.9	7.6	7.6	7.5	6.6	15.8	24.5	21.4	13,473	16,515
1982	85.0	79.7	9.1	7.0	7.3	7.2	6.1	16.0	23.6	23.6	13,950	17,381
White	74.0	*70.5*	8.6	6.4	7.0	6.9	5.9	15.9	24.1	25.2	14,748	18,071
Black	8.8	7.3	12.7	13.2	10.3	18.1		17.8	19.8	8.2	8,838	11,050
Spanish origin [2]	4.6	4.1	9.8	9.2	10.0	18.5		20.5	20.1	12.0	10,471	12,786
Northeast	18.3	17.0	8.4	6.5	6.9	13.6		15.8	24.9	23.9	14,544	17,564
Midwest	*21.7*	*20.5*	9.8	6.7	7.3	12.1		15.1	24.6	24.3	14,590	17,308
South	28.3	26.4	8.9	8.2	8.0	14.1		17.2	22.8	20.8	12,820	16,701
West	16.7	15.8	9.2	6.2	6.7	13.3		15.5	22.2	26.8	14,619	18,419
15–19 years	9.6	6.3	56.0	21.0	9.9	8.7		3.2	1.0	.2	1,786	2,701
20–24 years	*10.4*	*9.6*	14.0	14.1	11.9	20.8		21.6	14.6	3.0	7,743	8,995
25–34 years	19.4	18.8	4.4	4.1	4.8	11.3		19.4	33.9	22.0	16,416	17,760
35–44 years	14.1	13.9	3.7	2.9	3.3	7.4		12.9	28.9	40.8	21,649	23,966
45–54 years	10.7	10.5	3.8	3.4	3.6	8.0		12.8	27.1	41.3	21,543	24,566
55–64 years	10.3	10.1	3.4	3.9	6.8	12.4		15.7	25.0	32.8	17,828	21,919
65 yr. old and over	*10.5*	*10.4*	2.4	9.6	15.6	26.8		20.4	15.4	9.8	9,188	12,988
FEMALE												
1960	65.3	36.5	62.8	25.0	9.8	1.8	.3		.2		1,261	1,861
1970	77.6	51.6	46.7	22.1	15.7	8.6	3.8	2.5	.4	.2	2,237	3,136
1975	85.0	60.8	31.9	24.0	15.4	11.2	7.3	7.9	2.2	.3	3,385	4,513
1979	88.0	78.2	28.0	19.5	12.7	11.3	7.8	12.7	6.7	1.2	4,354	6,032
1980	91.1	80.8	24.8	18.6	13.3	10.3	7.9	14.2	9.0	1.9	4,920	6,772
1981	92.2	82.1	22.8	17.2	13.4	10.0	7.9	15.0	10.9	2.7	5,458	7,440
1982	93.1	82.5	21.7	15.9	13.1	9.9	7.6	15.1	12.7	3.9	5,887	8,195
White	80.1	71.6	22.2	15.0	13.0	9.9	7.7	15.2	12.9	4.1	5,967	8,295
Black	10.7	8.9	17.2	23.1	14.3	17.6		14.5	11.2	2.2	5,263	7,349
Spanish origin [2]	5.1	3.8	23.2	18.0	14.5	19.7		14.2	8.4	1.9	5,140	6,820
Northeast	20.7	18.3	20.6	15.1	14.5	17.8		14.9	13.5	3.6	5,975	8,213
Midwest	23.2	21.2	23.9	15.4	13.2	17.1		15.0	12.1	3.4	5,612	7,789
South	31.5	27.2	21.5	18.4	11.9	17.6		15.2	11.7	3.7	5,678	8,033
West	17.8	15.8	20.5	13.3	13.3	17.1		15.7	14.6	5.5	6,605	8,997
15–19 years	9.4	6.0	58.9	22.1	10.3	6.5		2.0	.2	–	1,698	2,274
20–24 years	10.7	9.6	22.2	18.1	12.9	22.3		17.3	6.5	.7	5,506	6,552
25–34 years	19.9	18.0	20.7	10.3	9.8	16.7		19.9	18.2	4.4	7,972	9,424
35–44 years	14.7	13.3	21.8	10.6	9.4	16.6		16.4	19.0	6.2	7,851	9,872
45–54 years	11.5	10.2	23.5	11.1	9.1	16.4		17.1	16.6	6.2	7,502	9,492
55–64 years	11.7	10.5	22.1	16.4	12.0	16.4		14.9	13.0	5.2	5,907	8,661
65 yr. old and over	15.2	15.0	6.3	26.3	25.0	21.8		11.1	6.9	2.6	5,365	7,435

[1] Includes persons with income deficit. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–60, No. 142.

NO. 755. MEDIAN MONEY INCOME OF YEAR-ROUND FULL-TIME WORKERS WITH INCOME, BY SEX AND AGE: 1970 TO 1982

[Age as of **March** of following year. Refers to civilian workers. For definition of median, see Guide to Tabular Presentation]

AGE	WOMEN					MEN				
	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
Total with income	**$5,440**	**$7,719**	**[1] $11,591**	**[1] $12,457**	**[1] $13,663**	**$9,184**	**$13,144**	**[1] $19,173**	**[1] $20,692**	**[1] $21,655**
14–19 years	3,783	4,568	[2] 6,779	[2] 7,598	7,879	3,950	5,657	[2] 7,753	[2] 8,252	8,475
20–24 years	4,928	6,598	9,407	10,173	10,943	6,655	8,521	12,109	12,408	12,530
25–34 years	5,923	8,401	12,190	13,377	14,375	9,126	12,777	17,724	19,185	20,031
35–44 years	5,531	8,084	12,239	13,552	14,918	10,258	14,730	21,777	23,368	25,131
45–54 years	5,588	7,980	12,116	12,784	14,150	9,931	14,808	22,323	24,096	25,424
55–64 years	5,468	7,785	11,931	12,903	14,377	9,071	13,518	21,053	23,013	24,758
65 years and over	4,884	7,250	12,342	14,487	14,793	6,754	11,501	17,307	20,647	20,842

[1] Beginning 1980 restricted to 15 years old and over. [2] Beginning 1980 restricted to 15 to 19 years.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–60, No. 137, 142, and earlier issues.

No. 756. Expected Lifetime Earnings in Constant (1981) Dollars for Males and Females, by Age and Years of School Completed: 1979

[In thousands of dollars. Data represent estimates of expected lifetime earnings from specified age to age 64. Estimates for workers at a particular age were calculated by summing the product of the mean earnings at each age from a specified age to age 64, the probability of surviving to each age from the starting age, and the probability of being employed at each age. Discount rates (difference between interest rates and the rate of inflation) are used to deflate future earnings into present value (constant 1981 dollars). Productivity rates represent growth in real earnings adjusting for inflation. For additional information on methodology, see source]

Sex, age, and years of school completed	Discount rate of 0 percent with annual productivity increase of—				Discount rate of 3 percent with annual productivity increase of—				Discount rate of 5 percent with annual productivity increase of—			
	0 percent	1 percent	2 percent	3 percent	0 percent	1 percent	2 percent	3 percent	0 percent	1 percent	2 percent	3 percent
MALES												
Age 18:												
Less than 12 yrs	601	772	1,001	1,311	300	369	460	580	200	240	291	356
High school, 4 yrs	861	1,104	1,430	1,872	432	531	660	830	289	346	419	512
College, 1–3 yrs	957	1,242	1,627	2,151	461	574	724	921	299	363	446	553
College, 4 yrs	1,190	1,560	2,062	2,748	553	698	890	1,145	349	430	534	671
College, 5 yrs or more	1,301	1,712	2,273	3,042	596	756	968	1,251	373	462	576	726
Age 25:												
Less than 12 yrs	563	685	840	1,038	326	384	456	545	237	273	318	372
High school, 4 yrs	803	976	1,196	1,478	466	548	650	777	339	391	454	531
College, 1–3 yrs	918	1,124	1,386	1,725	522	618	738	889	375	435	508	598
College, 4 yrs	1,165	1,434	1,780	2,226	650	774	930	1,127	461	538	632	749
College, 5 yrs or more	1,273	1,574	1,962	2,465	699	837	1,011	1,231	490	574	679	810
Age 35:												
Less than 12 yrs	441	505	581	672	298	335	378	429	235	261	292	327
High school, 4 yrs	624	715	823	952	422	474	535	607	333	370	413	462
College, 1–3 yrs	736	846	977	1,134	493	556	629	716	388	432	482	542
College, 4 yrs	956	1,102	1,277	1,486	635	717	815	930	496	553	620	699
College, 5 yrs or more	1,065	1,229	1,427	1,664	704	796	906	1,036	548	613	688	776
Age 45:												
Less than 12 yrs	283	308	336	368	219	236	255	277	186	199	215	231
High school, 4 yrs	401	438	478	523	308	334	361	392	261	281	303	327
College, 1–3 yrs	483	528	579	635	369	400	434	472	312	336	363	392
College, 4 yrs	639	699	767	843	486	527	573	624	409	441	477	517
College, 5 yrs or more	715	784	862	949	541	588	641	699	454	491	531	576
Age 55:												
Less than 12 yrs	121	126	132	138	105	109	114	119	96	99	103	108
High school, 4 yrs	178	186	194	203	154	161	168	175	141	146	152	158
College, 1–3 yrs	230	240	251	262	200	208	217	226	182	189	197	205
College, 4 yrs	298	312	327	342	257	268	280	293	233	243	253	264
College, 5 yrs or more	352	368	386	404	303	316	330	345	274	286	298	311
FEMALES												
Age 18:												
Less than 12 yrs	211	268	344	446	108	132	163	204	73	87	105	128
High school, 4 yrs	381	483	619	803	198	241	296	368	136	161	192	232
College, 1–3 yrs	460	586	754	980	236	288	356	444	160	190	229	278
College, 4 yrs	523	666	859	1,119	266	326	403	504	180	214	258	314
College, 5 yrs or more	699	905	1,182	1,557	337	421	530	673	218	266	326	405
Age 25:												
Less than 12 yrs	188	227	276	339	110	129	153	182	81	93	108	126
High school, 4 yrs	330	400	489	604	193	226	268	320	141	162	188	219
College, 1–3 yrs	411	498	608	749	241	283	334	398	177	203	235	274
College, 4 yrs	474	573	700	863	279	326	385	459	205	235	271	316
College, 5 yrs or more	673	819	1,005	1,244	389	458	544	652	282	326	379	444
Age 35:												
Less than 12 yrs	134	154	176	203	92	103	116	131	73	80	90	100
High school, 4 yrs	235	271	313	363	157	177	201	229	123	137	154	173
College, 1–3 yrs	293	337	389	451	196	221	251	285	154	171	192	216
College, 4 yrs	335	386	446	518	224	252	286	326	175	195	219	246
College, 5 yrs or more	512	587	677	784	344	387	438	498	271	301	336	378
Age 45:												
Less than 12 yrs	77	84	92	100	59	64	69	75	50	54	58	63
High school, 4 yrs	145	159	174	191	111	120	130	142	93	101	109	118
College, 1–3 yrs	175	191	210	231	133	144	157	171	111	120	130	141
College, 4 yrs	207	226	248	273	158	171	186	202	133	143	155	167
College, 5 yrs or more	316	345	377	413	242	262	284	308	205	220	238	257
Age 55:												
Less than 12 yrs	30	31	33	34	26	27	28	30	24	25	26	27
High school, 4 yrs	61	64	67	71	53	55	58	60	48	50	52	54
College, 1–3 yrs	77	80	84	87	66	69	72	75	60	63	65	68
College, 4 yrs	93	97	101	105	80	84	87	91	73	76	79	82
College, 5 yrs or more	132	138	144	150	114	119	124	129	104	108	113	117

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 139.

No. 757. Per Capita Money Income for 50 Largest Cities: 1979 and 1981

City	1979	1981	Percent change, 1979–1981	City	1979	1981	Percent change, 1979–1981
New York, NY	$7,271	$8,737	20.2	St. Louis, MO	$5,877	$7,054	20.0
Chicago, IL	6,933	8,333	20.2	Kansas City, MO	7,480	8,809	17.8
Los Angeles, CA	8,415	9,816	16.6	El Paso, TX	5,439	6,550	20.4
Philadelphia, PA	6,053	7,109	17.4	Atlanta, GA	6,539	7,809	19.4
Houston, TX	8,793	10,724	22.0	Pittsburgh, PA	6,845	8,277	20.9
Detroit, MI	6,214	7,090	14.1	Oklahoma City, OK	7,998	10,014	25.2
Dallas, TX	8,610	10,329	20.0	Cincinnati, OH	6,874	8,095	17.8
San Diego, CA	8,016	9,584	19.6	Ft. Worth, TX	7,336	8,988	21.3
Phoenix, AZ	7,553	8,922	18.1	Minneapolis, MN	7,940	9,482	19.4
Baltimore, MD	5,877	7,076	20.4	Portland, OR	8,096	9,300	14.9
San Antonio, TX	5,670	6,936	22.3	Honolulu, HI [1]	7,912	9,264	17.1
Indianapolis, IN	7,585	8,897	17.3	Long Beach, CA	8,343	9,978	19.6
San Francisco, CA	9,265	11,026	19.0	Tulsa, OK	8,842	11,059	25.1
Memphis, TN	6,466	7,542	16.6	Buffalo, NY	5,929	7,140	20.4
Washington, DC	8,959	10,680	19.2	Toledo, OH	7,050	8,246	17.0
Milwaukee, WI	7,029	8,285	17.9	Miami, FL	6,084	7,244	19.1
San Jose, CA	8,382	10,030	19.7	Austin, TX	7,245	8,950	23.5
Cleveland, OH	5,770	6,799	17.8	Oakland, CA	7,701	9,171	19.1
Columbus, OH	6,783	7,925	16.8	Albuquerque, NM	7,440	8,817	18.5
Boston, MA	6,555	7,783	18.7	Tucson, AZ	6,532	7,954	21.8
New Orleans, LA	6,463	8,017	24.0	Newark, NJ	4,525	5,292	17.0
Jacksonville, FL	6,767	8,217	21.4	Charlotte, NC	7,827	9,287	18.7
Seattle, WA	9,282	11,006	18.6	Omaha, NE	7,687	9,194	19.6
Denver, CO	8,553	10,319	20.6	Louisville, KY	6,283	7,542	20.0
Nashville-Davidson, TN	7,276	8,571	17.8	Birmingham, AL	5,815	6,896	18.6

[1] Data are for Honolulu County.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-26, No. 82-1-SC to 82-50-SC.

No. 758. Persons Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1983

[Persons as of **March** of the **following year.** For explanation of poverty level, see text, p. 429]

Year	Number below poverty level (mil.)				Percent below poverty level				Below 125 percent of poverty level		Average income cutoffs for non-farm family of 4 [3]	
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]	Number (mil.)	Percent of total population	At poverty level	At 125 percent of poverty level
1959	39.5	28.5	9.9	(NA)	22.4	18.1	55.1	(NA)	54.9	31.1	$2,973	$3,716
1960	39.9	28.3	(NA)	(NA)	22.2	17.8	(NA)	(NA)	54.6	30.4	3,022	3,778
1966	28.5	20.8	8.9	(NA)	14.7	12.2	41.8	(NA)	41.3	21.3	3,317	4,146
1969	24.1	16.7	7.1	(NA)	12.1	9.5	32.2	(NA)	34.7	17.4	3,743	4,679
1970	25.4	17.5	7.5	(NA)	12.6	9.9	33.5	(NA)	35.6	17.6	3,968	4,960
1971	25.6	17.8	7.4	(NA)	12.5	9.9	32.5	(NA)	36.5	17.8	4,137	5,171
1972	24.5	16.2	7.7	2.4	11.9	9.0	33.3	22.8	34.7	16.8	4,275	5,344
1973	23.0	15.1	7.4	2.4	11.1	8.4	31.4	21.9	32.8	15.8	4,540	5,675
1974	23.4	15.7	7.2	2.6	11.2	8.6	30.3	23.0	33.7	16.1	5,038	6,298
1975	25.9	17.8	7.5	3.0	12.3	9.7	31.3	26.9	37.2	17.6	5,500	6,875
1976	25.0	16.7	7.6	2.8	11.8	9.1	31.1	24.7	35.5	16.7	5,815	7,269
1977	24.7	16.4	7.7	2.7	11.6	8.9	31.3	22.4	35.7	16.7	6,191	7,739
1978	24.5	16.3	7.6	2.6	11.4	8.7	30.6	21.6	34.2	15.8	6,662	8,328
1979 [4]	25.3	16.8	7.8	2.9	11.6	8.9	30.9	21.6	35.6	16.3	7,412	9,265
1979 [5]	26.1	17.2	8.1	2.9	11.7	9.0	31.0	21.8	36.6	16.4	7,412	9,265
1980	29.3	19.7	8.6	3.5	13.0	10.2	32.5	25.7	40.7	18.1	8,414	10,518
1981 [5]	31.8	21.6	9.2	3.7	14.0	11.1	34.2	26.5	43.7	19.3	9,287	11,609
1982 [5]	34.4	23.5	9.7	4.3	15.0	12.0	35.6	29.9	46.5	20.3	9,862	12,328
1983 [6]	35.3	24.0	9.9	4.2	15.2	12.1	35.7	28.4	47.1	20.3	10,178	12,723

NA Not available. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Beginning 1981, income cutoffs for nonfarm families are applied to all families, both farm and nonfarm. [4] Population controls based on 1970 census; see text, pp. 2 and 428. [5] Population controls based on 1980 census; see text, pp. 2 and 428. [6] Data based on revised poverty definition; see text, p. 429 for explanation.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, Nos. 138 and 145.

No. 759. Persons Below Poverty Level and Below 125 Percent of Poverty Level, by Race of Householder, and Family Status: 1959 to 1982

[Persons as of **March of following year.** For explanation of poverty level, see text, p. 429]

Race of householder, and family status	Below poverty level					Below 125 percent of poverty level				
	1959	1969	1979 [1]	1981	1982	1959	1969	1979 [1]	1981	1982
NUMBER (mil.)										
All persons [2]	**39.5**	**24.1**	**26.1**	**31.8**	**34.4**	**54.9**	**34.7**	**36.6**	**43.7**	**46.5**
In families	34.6	19.2	20.0	24.9	27.3	49.3	28.6	28.1	34.2	37.0
Householder	8.3	5.0	5.5	6.9	7.5	11.8	7.4	7.8	9.6	10.3
Related children under 18 years	17.2	9.5	10.0	12.1	13.1	24.3	13.9	13.4	15.7	16.8
Children 5–17 years	(NA)	7.1	7.1	8.4	9.0	(NA)	3.3	(NA)	11.0	11.6
Other family members	9.0	4.7	4.5	5.9	6.7	13.2	7.3	7.0	8.9	9.8
Unrelated individuals	4.9	5.0	5.7	6.5	6.5	5.6	6.1	8.0	9.0	8.9
White	**28.5**	**16.7**	**17.2**	**21.6**	**23.5**	**41.8**	**24.5**	**25.2**	**31.0**	**33.1**
In families	24.4	12.6	12.5	16.1	18.0	37.2	19.5	18.4	23.4	25.3
Householder	6.2	3.6	3.6	4.7	5.1	9.2	5.4	5.3	6.8	7.3
Related children under 18 years	11.4	5.7	5.9	7.4	8.3	17.5	8.7	8.2	10.2	11.1
Other family members	6.9	3.4	3.0	4.0	4.6	10.5	5.4	4.8	6.3	7.0
Unrelated individuals	4.0	4.0	4.5	5.1	5.0	4.7	5.0	6.5	7.2	7.2
Black [3]	**11.0**	**7.1**	**8.1**	**9.2**	**9.7**	**13.1**	**9.5**	**10.3**	**11.4**	**11.9**
In families	10.1	6.2	6.8	7.8	8.4	12.1	8.5	8.8	9.7	10.3
Householder	2.1	1.4	1.7	2.0	2.2	2.6	1.9	2.2	2.5	2.7
Related children under 18 years	5.8	3.7	3.7	4.2	4.4	6.8	4.9	4.7	4.9	5.2
Other family members	2.2	1.2	1.3	1.6	1.8	2.7	1.8	1.9	2.2	2.5
Unrelated individuals	.9	.9	1.2	1.3	1.2	1.0	1.0	1.4	1.6	1.4
In families with female householder, no husband present [2 4]	**10.4**	**10.4**	**13.5**	**15.7**	**16.3**	**11.8**	**13.0**	**17.4**	**19.8**	**20.3**
In families	7.0	6.9	9.4	11.1	11.7	8.0	8.6	11.6	13.3	13.9
Householder	1.9	1.8	2.6	3.3	3.4	2.2	2.3	3.3	4.0	4.1
Related children under 18 years	4.1	4.2	5.6	6.3	6.7	4.6	5.2	6.7	7.3	7.6
Other family members	1.0	.8	1.1	1.5	1.6	1.2	1.1	1.6	2.0	2.1
Unrelated individuals	3.4	3.5	3.8	4.3	4.1	3.8	4.3	5.4	6.0	5.8
In all other families [2 5]	**29.1**	**13.7**	**12.6**	**16.1**	**18.1**	**43.1**	**21.7**	**19.2**	**24.0**	**26.2**
In families	27.5	12.3	10.6	13.8	15.6	41.3	19.9	16.5	20.9	23.1
Householder	6.4	3.2	2.8	3.6	4.1	9.6	5.0	4.5	5.6	6.1
Related children under 18 years	13.1	5.3	4.4	5.8	6.4	19.7	8.8	6.6	8.4	9.2
Other family members	8.1	3.9	3.4	4.4	5.1	12.1	6.1	5.4	6.9	7.8
Unrelated individuals	1.6	1.4	2.0	2.2	2.3	1.8	1.8	2.7	3.0	3.1
PERCENT OF POPULATION										
All persons [2]	**22.4**	**12.1**	**11.7**	**14.0**	**15.0**	**31.1**	**17.4**	**16.4**	**19.3**	**20.3**
In families	20.8	10.4	10.2	12.5	13.6	29.7	15.4	14.4	17.2	18.4
Householder	18.5	9.7	9.2	11.2	12.2	26.2	14.3	13.1	15.7	16.7
Related children under 18 years	26.9	13.8	16.0	19.5	21.3	37.9	20.2	21.3	25.5	27.4
Children 5–17 years	(NA)	13.6	15.3	18.7	20.5	(NA)	6.3	(NA)	24.5	26.3
Other family members	15.9	7.2	6.1	7.8	8.7	23.3	11.3	9.5	11.7	12.7
Unrelated individuals	46.1	34.0	21.9	23.4	23.1	52.7	41.8	30.7	32.6	31.9
White	**18.1**	**9.5**	**9.0**	**11.1**	**12.0**	**26.7**	**14.0**	**13.1**	**15.9**	**16.9**
In families	16.5	7.8	7.4	9.5	10.6	25.2	12.0	10.9	13.8	14.8
Householder	15.2	7.7	6.9	8.8	9.6	22.6	11.7	10.2	12.8	13.6
Related children under 18 years	20.6	9.7	11.4	14.7	16.5	31.6	14.9	15.9	20.2	22.0
Other family members	13.3	5.8	4.7	6.1	6.9	20.4	9.2	7.5	9.6	10.4
Unrelated individuals	44.1	32.1	19.7	21.2	20.7	50.8	40.0	28.6	30.3	29.7
Black [3]	**56.2**	**32.2**	**31.0**	**34.2**	**35.6**	**66.8**	**43.2**	**39.9**	**42.4**	**43.8**
In families	56.0	30.9	30.0	33.2	34.9	67.0	42.2	39.0	41.2	43.2
Householder	50.4	27.9	27.8	30.8	33.0	61.0	37.9	36.2	38.8	41.1
Related children under 18 years	66.7	39.6	40.8	44.9	47.3	78.0	52.7	51.1	53.1	56.1
Other family members	42.5	20.0	18.2	21.2	22.2	53.4	29.5	26.1	29.0	30.1
Unrelated individuals	57.4	46.7	37.3	39.6	40.3	64.0	53.9	45.4	49.2	47.4
In families with female householder, no husband present [2 4]	**50.2**	**38.4**	**32.0**	**35.2**	**36.2**	**57.1**	**47.8**	**41.3**	**44.2**	**44.9**
In families	40.4	38.2	34.9	38.7	40.6	56.2	48.0	43.2	46.5	48.1
Householder	42.6	32.7	30.4	34.6	36.3	49.7	41.5	38.2	42.4	43.7
Related children under 18 years	72.2	54.4	48.6	52.3	56.0	79.4	66.2	58.0	60.7	64.0
Other family members	24.0	17.5	16.9	21.0	21.2	29.8	25.0	23.9	28.0	28.1
Unrelated individuals	52.1	38.7	26.0	27.7	26.6	59.1	47.5	37.0	39.0	37.9
In all other families [2 5]	**18.7**	**8.0**	**7.0**	**8.8**	**9.8**	**27.7**	**12.6**	**10.6**	**13.1**	**14.2**
In families	18.2	7.4	6.3	8.1	9.1	27.3	11.9	9.8	12.3	13.5
Householder	15.8	6.9	5.5	7.0	7.9	28.6	10.9	8.8	10.8	11.8
Related children under 18 years	22.4	8.6	8.5	11.6	13.0	33.8	14.4	13.0	16.9	18.6
Other family members	15.3	6.4	5.1	6.5	7.3	22.8	10.2	8.1	10.1	11.1
Unrelated individuals	36.8	26.2	16.9	18.1	18.8	42.8	32.4	22.9	24.6	24.5

NA Not available. [1] Population controls based on 1980 census; see text, p. 428. [2] Beginning 1969, includes races not shown separately. Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "In families" category. [3] For 1959, Black and other races. [4] For persons in families, sex of family householder; for unrelated individuals, sex of individual. [5] Includes male unrelated individuals.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 144.

No. 760. Persons Below Poverty Level, by Age, Region, Race, and Spanish Origin: 1983

[Persons as of **March 1984.** Based on Current Population Survey; see headnote, table 742. For explanation of poverty level, see text, p. 429. For composition of regions, see fig. I, inside front cover]

Age and region	Number below poverty level (1,000)				Percent below poverty level			
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]
Total	**35,266**	**23,974**	**9,885**	**4,249**	**15.2**	**12.1**	**35.7**	**28.4**
Under 16 years	12,481	7,964	3,928	1,964	22.7	17.8	47.2	38.8
16 to 21 years	4,132	2,611	1,343	516	17.9	13.7	40.7	29.9
22 to 44 years	10,511	7,318	2,735	1,267	12.6	10.3	28.4	23.4
45 to 64 years	4,430	3,220	1,083	353	10.0	8.2	25.5	17.0
65 years and over	3,711	*2,860*	*796*	*149*	*14.1*	*12.0*	36.3	23.1
Northeast	6,561	4,745	1,688	1,028	13.4	11.0	32.5	39.1
Midwest	8,536	6,353	2,039	286	14.6	12.1	39.2	26.2
South	13,484	7,729	5,485	1,259	17.2	12.3	37.5	25.8
West	6,684	5,148	672	1,675	14.7	13.1	25.6	26.4

[1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 145.

No. 761. Persons 65 Years Old and Over Below Poverty Level, by Selected Characteristics: 1959 to 1982

[For **1959**, persons as of **April 1960**; thereafter, persons as of **March** of **following year.** See headnote, table 760]

Characteristic	Number below poverty level (1,000)					Percent below poverty level				
	1959	1970	1979 [1]	1981	1982	1959	1970	1979 [1]	1981	1982
Persons, 65 and over [2]	**5,481**	**4,793**	**3,682**	**3,853**	**3,751**	**35.2**	**24.6**	**15.2**	**15.3**	**14.6**
White	4,744	4,011	2,911	2,978	2,870	33.1	22.6	13.3	13.1	12.4
Black	*711*	*795*	*740*	*820*	*811*	*62.5*	*47.7*	*36.3*	*39.0*	*38.2*
Spanish origin [3]	(NA)	(NA)	154	146	159	(NA)	(NA)	26.8	25.7	26.6
In families	3,187	2,013	1,380	1,432	1,474	26.9	14.8	8.4	8.4	8.5
Householder	1,787	1,188	822	851	897	29.1	16.5	9.1	9.1	9.3
Male	1,507	980	629	631	650	29.1	15.9	8.4	8.0	8.1
Female	280	209	193	220	246	28.8	20.1	13.0	14.8	15.5
Other members	1,400	825	559	582	577	24.6	13.0	7.6	7.6	7.5
Unrelated individuals	2,294	2,779	2,299	2,421	2,275	61.9	47.2	29.4	29.8	27.1
Male	703	549	428	395	391	59.0	38.9	25.3	23.5	21.2
Female	1,591	2,230	1,871	2,026	1,884	63.3	49.8	30.5	31.4	28.7
Persons, 60 and over	(NA)	**5,977**	**4,753**	**5,004**	**4,944**	(NA)	**21.3**	**13.9**	**14.0**	**13.6**

NA Not available. [1] Population controls based on 1980 census; see text, p. 428. [2] Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "In families" category. [3] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 144.

No. 762. Families Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1983

[Families as of **March** of the **following year.** For explanation of poverty level, see text, p. 429]

Year	Number below poverty level (1,000)				Percent below poverty level				Below 125 percent of poverty level	
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]	Number (1,000)	Percent
1959	8,320	6,185	1,860	(NA)	18.5	15.2	48.1	(NA)	11,790	26.2
1960	8,243	6,115	(NA)	(NA)	18.1	14.9	(NA)	(NA)	11,525	25.4
1966	5,784	4,106	1,620	(NA)	11.8	9.3	35.5	(NA)	8,637	17.6
1969	5,008	3,575	1,366	(NA)	9.7	7.7	27.9	(NA)	*7,353*	*14.3*
1970	5,260	3,708	1,481	(NA)	10.1	8.0	29.5	(NA)	7,516	14.4
1971	5,303	3,751	1,484	(NA)	10.0	7.9	28.8	(NA)	7,761	14.6
1972	5,075	3,441	1,529	(NA)	9.3	7.1	29.0	(NA)	7,347	13.5
1973	4,828	3,219	1,527	468	8.8	6.6	28.1	19.8	7,044	12.8
1974	4,922	3,352	1,479	526	8.8	6.8	26.9	21.2	7,195	12.9
1975	5,450	3,838	1,513	627	9.7	7.7	27.1	25.1	7,974	14.2
1976	5,311	3,560	1,617	598	9.4	7.1	27.9	23.1	7,647	13.5
1977	5,311	3,540	1,637	591	9.3	7.0	28.2	21.4	7,713	13.5
1978	5,280	3,523	1,622	559	9.1	6.9	27.5	20.4	7,417	12.8
1979 [3]	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7	7,586	13.0
1979 [4]	5,461	3,581	1,722	614	9.2	6.9	27.8	20.3	7,784	13.1
1980	6,217	4,195	1,826	751	10.3	8.0	28.9	23.2	8,764	14.5
1981	6,851	4,670	1,972	792	11.2	8.8	30.8	24.0	9,568	15.7
1982	7,512	5,118	2,158	916	12.2	9.6	33.0	27.2	10,279	16.7
1983	7,641	5,223	2,162	933	12.3	9.7	32.4	26.1	10,358	16.7

NA Not available. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Population controls based on 1970 census; see text, pp. 2 and 428. [4] Population controls based on 1980 census; see text, pp. 2 and 428.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 138 and 145.

No. 763. Persons, Families, and Children Below Poverty Level—States: 1969 and 1979

[**Number in thousands.** Persons, families, and related children as of **April of the following year.** For explanation of poverty level, see text, p. 429. Excludes unrelated individuals under 14 years of age for 1969 and under 15 years for 1979, and persons in specified types of group quarters, i.e. inmates of institutions and persons living in military group quarters or in college dormitories. Poverty criteria computed on a national basis only and not adjusted for regional, State, or other local variations in cost of living. For details, see source]

Region and State	Number below poverty level						Percent below poverty level					
	Persons		Families		Related children under 18 years		Persons		Families		Related children under 18 years	
	1969	1979	1969	1979	1969	1979	1969	1979	1969	1979	1969	1979
U.S.	**27,125**	**27,393**	**5,462**	**5,670**	**10,397**	**10,026**	**13.7**	**12.4**	**10.7**	**9.6**	**15.1**	**16.0**
Northeast	**4,821**	**5,343**	**936**	**1,111**	**1,733**	**1,992**	**10.1**	**11.2**	**7.6**	**8.7**	**10.9**	**15.5**
Maine	131	141	26	29	49	50	13.6	13.0	10.3	9.8	14.5	15.8
New Hampshire	65	75	12	15	20	24	9.1	8.5	6.7	6.1	7.9	9.4
Vermont	52	59	10	11	18	20	12.1	12.1	9.1	8.9	11.5	13.9
Massachusetts	473	532	87	110	164	193	8.6	9.6	6.2	7.6	8.6	13.1
Rhode Island	100	94	20	19	35	33	11.0	10.3	8.5	7.7	11.7	13.6
Connecticut	212	243	41	51	78	93	7.2	8.0	5.3	6.2	7.8	11.4
New York	1,986	2,299	391	483	735	877	11.1	13.4	8.5	10.8	12.7	19.0
New Jersey	574	689	113	146	217	278	8.1	9.5	6.1	7.6	9.2	14.1
Pennsylvania	1,228	1,210	237	245	417	426	10.6	10.5	7.9	7.8	10.9	13.9
Midwest	**5,952**	**6,010**	**1,171**	**1,230**	**2,084**	**2,170**	**10.8**	**10.5**	**8.3**	**8.0**	**10.6**	**13.0**
Ohio	1,041	1,089	205	228	371	401	10.0	10.3	7.6	8.0	10.0	13.2
Indiana	493	516	98	107	169	189	9.7	9.7	7.4	7.3	9.3	11.9
Illinois	1,112	1,231	214	247	412	478	10.2	11.0	7.7	8.4	11.0	14.9
Michigan	819	946	160	198	304	361	9.4	10.4	7.3	8.2	9.4	13.3
Wisconsin	421	398	80	77	140	139	9.8	8.7	7.4	6.3	8.9	10.4
Minnesota	398	375	76	73	130	118	10.7	9.5	8.2	7.0	9.5	10.2
Iowa	319	286	64	58	98	94	11.6	10.1	8.9	7.5	10.1	11.5
Missouri	672	582	139	120	229	196	14.7	12.2	11.5	9.1	14.9	14.8
North Dakota	93	79	18	16	36	27	15.7	12.6	12.4	9.8	15.9	14.3
South Dakota	120	113	24	23	45	41	18.7	16.9	14.8	13.1	18.9	20.0
Nebraska	188	163	38	33	61	53	13.1	10.7	10.1	8.0	12.2	12.1
Kansas	275	232	56	47	88	73	12.7	10.1	9.7	7.4	12.0	11.4
South	**12,388**	**11,285**	**2,581**	**2,390**	**5,062**	**4,180**	**20.3**	**15.4**	**16.2**	**11.9**	**23.5**	**19.6**
Delaware	56	68	11	14	24	25	10.9	11.9	8.2	8.9	12.3	15.6
Maryland	387	405	75	82	157	143	10.1	9.8	7.7	7.5	11.5	12.5
District of Columbia	123	113	21	21	51	38	17.0	18.6	12.7	15.1	23.1	27.0
Virginia	691	611	143	129	283	216	15.5	11.8	12.3	9.2	18.0	14.9
West Virginia	380	287	82	62	140	102	22.2	15.0	18.0	11.7	24.3	18.5
North Carolina	996	840	211	183	409	299	20.3	14.8	16.3	11.6	23.6	18.3
South Carolina	595	500	119	106	271	195	23.9	16.6	19.0	13.1	28.7	21.0
Georgia	924	884	192	189	391	342	20.7	16.6	16.7	13.2	24.1	21.1
Florida	1,088	1,267	229	268	399	427	16.4	13.5	12.7	9.9	19.2	18.5
Kentucky	718	626	159	144	274	230	22.9	17.6	19.2	14.6	24.9	21.6
Tennessee	836	736	186	164	323	263	21.8	16.5	18.2	13.1	24.6	20.6
Alabama	857	720	181	154	358	271	25.4	18.9	20.7	14.8	29.3	23.6
Mississippi	767	587	154	121	346	244	35.4	23.9	28.9	18.7	41.3	30.4
Arkansas	523	424	115	94	203	154	27.8	19.0	22.8	14.9	31.3	23.4
Louisiana	933	765	188	163	412	307	26.3	18.6	21.5	15.1	30.0	23.5
Oklahoma	465	394	102	86	163	132	18.8	13.4	15.0	10.3	19.7	15.7
Texas	2,047	2,036	413	412	860	791	18.8	14.7	14.6	11.1	21.7	18.7
West	**3,965**	**4,755**	**774**	**939**	**1,518**	**1,683**	**11.7**	**11.3**	**8.9**	**8.5**	**12.9**	**14.2**
Montana	92	94	18	19	33	32	13.6	12.3	10.4	9.2	13.3	13.8
Idaho	92	117	20	24	33	43	13.2	12.6	10.9	9.6	12.7	14.3
Wyoming	38	36	8	7	14	11	11.7	7.9	9.3	5.8	11.8	7.7
Colorado	263	285	50	55	97	91	12.3	10.1	9.1	7.4	12.7	11.5
New Mexico	227	226	45	47	107	91	22.8	17.6	18.5	14.0	26.7	22.1
Arizona	264	351	50	68	114	128	15.3	13.2	11.5	9.5	17.9	16.5
Utah	118	148	23	27	45	57	11.4	10.3	9.1	7.7	10.6	10.7
Nevada	43	69	9	13	15	21	9.1	8.7	7.0	6.3	9.1	10.0
Washington	336	396	65	78	113	128	10.2	9.8	7.6	7.2	9.8	11.5
Oregon	235	274	46	54	74	85	11.5	10.7	8.6	7.7	10.8	12.0
California	2,153	2,627	421	521	828	947	11.1	11.4	8.4	8.7	12.7	15.2
Alaska	35	42	6	8	17	15	12.6	10.7	9.3	8.6	14.7	12.1
Hawaii	69	92	13	18	28	35	9.3	9.9	7.6	7.8	10.3	13.0

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1970*, vol. I; and *1980 Census of Population*, vol. 1, chapter C (PC80-1-C).

No. 764. Families Below Poverty Level—Selected Characteristics, by Race and Spanish Origin: 1983

[In thousands, except percent. Families as of March 1984. For explanation of poverty, see text, p. 429]

Characteristic	Number below poverty level				Percent below poverty level			
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]
Total	**7,641**	**5,223**	**2,162**	**933**	**12.3**	**9.7**	**32.4**	**26.1**
Northeast	1,417	1,018	375	256	11.0	8.9	29.3	38.4
Midwest	1,907	1,399	479	62	12.1	9.8	38.0	24.8
South	2,943	1,749	1,156	274	13.7	9.8	33.1	23.3
West	1,374	1,058	153	340	11.6	10.2	23.8	23.1
In metropolitan areas [3]	4,644	2,906	1,568	797	11.1	8.2	30.6	25.8
In central cities	2,687	1,338	1,225	531	16.3	10.8	34.2	29.5
Outside central cities	1,956	1,568	342	265	7.8	6.8	22.2	20.7
Outside metropolitan areas	2,997	2,317	594	136	14.8	12.5	38.3	28.1
Age of householder:								
15 to 24 years	962	635	290	143	29.5	23.3	66.4	46.6
25 to 44 years	4,061	2,767	1,157	563	14.2	11.3	34.0	28.0
45 to 54 years	929	621	269	117	8.8	6.8	24.9	18.5
55 to 64 years	847	609	215	66	8.6	6.9	23.8	17.0
65 years and over	841	591	230	45	8.7	6.8	27.2	19.1
Median age	*37.9*	*38.1*	*37.2*	*34.5*	(x)	(x)	(x)	(x)
Size of family:								
2 persons	2,501	1,807	640	186	10.1	8.1	28.7	21.8
3 persons	1,645	1,132	475	216	11.4	9.0	29.9	26.3
4 persons	1,553	1,075	421	207	11.7	9.3	31.1	24.0
5 persons	974	663	271	139	16.5	13.4	35.0	26.4
6 persons	489	317	147	89	21.5	17.8	38.0	33.8
7 persons or more	478	230	208	95	36.3	25.8	60.0	40.6
Mean size	3.64	3.50	3.87	4.11	(x)	(x)	(x)	(x)
Mean number of children per family with children	2.28	2.21	2.37	2.56	(x)	(x)	(x)	(x)
Educational attainment of householder: [4]								
Elementary: Less than 8 years	1,258	845	365	346	27.6	24.1	39.3	35.1
8 years	650	457	176	78	16.7	13.4	42.4	27.0
High school: 1 to 3 years	1,538	958	535	155	20.5	15.7	42.2	30.9
4 years	2,229	1,570	600	152	10.5	8.3	28.1	18.1
College: 1 year or more	1,003	759	193	59	4.7	3.9	13.0	9.1

X Not applicable. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] 243 standard metropolitan statistical areas as of the 1970 census. [4] Householder 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 145.

No. 765. Work Experience of Family Householders Below the Poverty Level, by Sex and Race: 1975 and 1982

[In thousands, except percent. Families as of March of the following year. For 1975, includes householders 14 years and over; for 1982, householders 15 years and over. For explanation of poverty level see text p. 429]

Work experience	1975						1982					
	Female householder, no husband present			All other families			Female householder, no husband present			All other families		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Total [2]	**2,430**	**1,394**	**1,004**	**3,020**	**2,444**	**509**	**3,434**	**1,813**	**1,535**	**4,079**	**3,306**	**622**
Worked	887	518	362	1,857	1,533	272	1,247	692	527	2,413	2,059	283
Full-time [3] (percent)	15.2	14.5	16.6	39.4	40.3	34.9	18.0	15.0	21.1	39.7	41.7	28.6
Did not work [4]	1,543	876	641	1,133	884	236	2,187	1,120	1,008	1,646	1,233	335
Ill or disabled	309	150	157	565	430	133	371	154	211	553	429	109
Keeping house	1,053	647	387	26	19	7	1,267	728	504	128	91	31
In school	43	13	30	30	13	12	82	50	27	61	34	9
Unable to find work	99	41	55	117	92	22	379	129	241	352	260	83

[1] Includes races not shown separately. [2] Includes householders in Armed Forces not shown separately. [3] Year-round. [4] Includes "other" not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 144.

NO. 766. FAMILIES AND UNRELATED INDIVIDUALS, BY TYPE OF INCOME AND POVERTY STATUS: 1982

[Families and unrelated individuals, as of **March 1983.** Hhldr.=householder. For explanation of poverty level, see text, p. 429. For limitations of data, see source]

TYPE OF INCOME	FAMILIES							UNRELATED INDIVIDUALS				
	Total			Female hhldr., no husband present		Hhldr. 65 yr. old and over		Total			65 yr. old and over	
	All races [1]	White	Black	White	Black	White	Black	All races [1]	White	Black	White	Black
ALL INCOME LEVELS												
Total [2] (mil.)	**61.4**	**53.4**	**6.5**	**6.5**	**2.7**	**8.6**	**.8**	**27.9**	**24.3**	**3.1**	**7.6**	**.7**
Percent of total: [3]												
With income	99.7	99.8	99.0	99.0	98.6	99.9	98.9	97.8	98.2	95.5	99.1	98.6
With earnings [4]	85.4	86.2	78.4	76.9	65.9	43.8	48.6	63.7	63.9	60.1	13.1	11.9
With transfer income	43.8	42.5	56.0	56.9	67.3	95.0	96.1	43.7	43.9	45.5	94.3	94.3
Social Security [5]	23.3	23.6	21.9	31.8	21.4	93.7	91.9	32.4	33.7	26.1	92.4	88.8
SSI	2.4	1.9	6.4	5.2	8.5	4.5	19.8	4.6	3.8	11.2	8.0	30.7
Public assistance	5.6	3.7	20.6	17.5	40.1	0.9	5.8	1.8	1.5	5.0	.7	1.6
Other income [6]	19.2	19.2	19.7	15.4	13.8	9.9	14.0	10.4	10.2	12.4	5.7	5.2
With all other income [7]	73.2	76.8	43.8	66.4	33.7	85.7	46.1	63.9	67.5	36.5	75.8	33.1
BELOW POVERTY LEVEL												
Total [2] (mil.)	**7.5**	**5.1**	**2.2**	**1.8**	**1.5**	**.6**	**.2**	**6.5**	**5.0**	**1.2**	**1.8**	**.5**
Percent of total: [3]												
With income	97.3	97.4	97.0	96.3	97.7	98.7	96.2	90.6	91.5	88.8	96.2	97.6
With earnings [4]	59.5	63.5	50.2	47.0	44.4	19.8	29.3	37.3	39.3	27.5	4.5	4.2
With transfer income	62.7	57.5	75.3	69.7	80.2	90.2	95.0	54.5	53.5	63.5	91.4	95.3
Social Security [5]	19.7	19.5	20.5	14.7	16.7	85.6	87.9	38.3	39.0	39.4	86.0	87.6
SSI	7.7	6.9	9.9	6.7	8.3	20.6	35.1	15.2	13.3	24.0	24.4	44.6
Public assistance	34.5	27.3	50.9	51.8	62.9	5.7	10.9	6.2	5.3	10.4	2.0	2.2
Other income [6]	14.0	15.2	11.4	7.7	8.6	4.1	7.5	7.9	8.2	7.3	5.2	3.3
With all other income [7]	34.0	38.8	22.5	35.5	21.8	42.9	27.6	36.0	40.0	18.5	41.2	17.7

[1] Includes races not shown separately. [2] Includes families and unrelated individuals with no income, not shown separately. [3] Some families and unrelated individuals may have more than one type of income. [4] Includes wages, salaries, and self-employment income. [5] Includes railroad retirement income. [6] Includes unemployment and workers' compensation, and veterans' payments. [7] Includes income from private and government employee pensions, annuities, dividends, interest, rent, estates, trusts, alimony, child support, regular contributions from outside the household, etc.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 144, and unpublished data.

NO. 767. PERSONS BELOW POVERTY LEVEL AND POVERTY RATE, BY VALUATION TECHNIQUE AND TYPE OF NONCASH BENEFIT INCLUDED: 1979 TO 1983

[Persons as of **March** of the **following year.** Valuation techniques that are used to measure noncash benefits are as follows: (1) Market value approach which is equal to the purchase price in the private market of the goods received by the recipient; (2) recipient and/or cash equivalent approach which is the amount of cash that would make the recipient just as well off as the in-kind transfer or would reflect the recipient's own valuation of the benefit; and (3) poverty budget share value which limits the value of food, housing, or medical transfers to the proportions spent on these items by persons at or near the poverty line in 1960-61 (when in-kind benefits were minimal). For more information on the methodology, see source]

VALUATION TECHNIQUE AND TYPE OF NONCASH BENEFIT INCLUDED	NUMBER BELOW POVERTY LEVEL (1,000)					PERCENT BELOW POVERTY LEVEL				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
Current poverty definition [1]	26,072	29,272	31,822	34,398	35,266	11.7	13.0	14.0	15.0	15.2
Market value approach:										
Including food and housing	21,698	25,042	27,932	30,688	31,903	9.7	11.1	12.3	13.4	13.8
Including food, housing, and medical care for noninstitutionalized persons	15,696	18,221	21,046	23,563	24,334	7.0	8.1	9.3	10.3	10.5
Including food, housing, and all medical care	15,099	17,706	20,500	22,885	23,739	6.8	7.9	9.0	10.0	10.2
Recipient and/or cash equivalent approach:										
Including food and housing	22,270	25,633	28,651	31,365	32,528	10.0	11.4	12.6	13.7	14.0
Including food, housing, and medical care for noninstitutionalized persons	20,478	23,895	26,784	29,407	30,585	9.2	10.6	11.8	12.8	13.2
Including food, housing, and all medical care	20,152	23,512	26,500	29,058	30,202	9.0	10.4	11.7	12.7	13.0
Poverty budget share value approach:										
Including food and housing	22,409	25,602	28,317	31,111	32,237	10.1	11.4	12.5	13.6	13.9
Including food, housing, and medical care for noninstitutionalized persons	20,186	23,299	26,175	28,720	29,935	9.1	10.4	11.5	12.5	12.9
Including food, housing, and all medical care	20,184	23,299	26,175	28,713	29,935	9.1	10.4	11.5	12.5	12.9

[1] See text, p. 429.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1983*, Technical Paper 52.

No. 768. Persons Below Poverty Level and Poverty Rate, by Selected Characteristic, Using Alternative Methods of Valuing Noncash Benefits: 1983

[Persons as of **March 1984**. For explanation of valuation techniques, see headnote, table 767. For composition of regions, see figure I, inside front cover]

Characteristic	Current poverty definition	Valuing food and housing only			Valuing food, housing, and medical care for noninstitutionalized persons			Valuing food, housing, and all medical care		
		Market value	Recipient value	Poverty budget share value	Market value	Recipient value	Poverty budget share value	Market value	Recipient value	Poverty budget share value
NUMBER (1,000)										
All persons	**35,266**	**31,903**	**32,528**	**32,237**	**24,334**	**30,585**	**29,935**	**23,739**	**30,202**	**29,935**
White	23,974	22,105	22,375	22,285	17,323	21,020	20,744	16,958	20,792	20,744
Black	9,885	8,460	8,813	8,628	6,091	8,299	7,941	5,866	8,148	7,941
Spanish origin [1]	4,249	3,870	3,930	3,912	3,067	3,764	3,704	3,015	3,739	3,704
Under 6 years	5,302	4,833	4,955	4,891	3,940	4,810	4,649	3,868	4,792	4,649
6-17 years	8,505	7,542	7,691	7,597	5,935	7,360	7,166	5,812	7,325	7,166
18-24 years	4,938	4,574	4,634	4,606	3,921	4,490	4,430	3,857	4,463	4,430
25-44 years	8,379	7,630	7,754	7,695	6,999	7,499	7,353	6,313	7,460	7,353
45-64 years	4,430	4,081	4,192	4,203	3,177	3,942	3,953	3,021	3,863	3,953
65 years and over	3,711	3,242	3,301	3,246	963	2,485	2,384	869	2,299	2,384
Northeast	6,561	5,863	5,983	5,950	3,891	5,515	5,353	3,718	5,379	5,353
Midwest	8,536	7,752	7,932	7,819	5,800	7,496	7,303	5,715	7,432	7,303
South	13,484	12,142	12,356	12,253	9,779	11,655	11,446	9,482	11,492	11,446
West	6,684	6,146	6,258	6,216	4,864	5,920	5,833	4,824	5,899	5,833
PERCENT BELOW POVERTY LEVEL										
All persons	**15.2**	**13.8**	**14.0**	**13.9**	**10.5**	**13.2**	**12.9**	**10.2**	**13.0**	**12.9**
White	12.1	11.2	11.3	11.3	8.8	10.6	10.5	8.6	10.5	10.5
Black	35.7	30.7	31.9	31.2	22.0	30.0	28.7	21.2	29.4	28.7
Spanish origin [1]	28.4	25.9	26.3	26.2	20.5	25.2	24.8	20.2	25.0	24.8
Under 6 years	25.0	22.8	23.4	23.1	18.6	22.7	21.9	18.2	22.6	21.9
6-17 years	20.8	18.4	18.8	18.6	14.5	18.0	17.5	14.2	17.9	17.5
18-24 years	17.2	15.9	16.2	16.1	13.7	15.7	15.4	13.4	15.6	15.4
25-44 years	11.9	10.9	11.0	11.0	9.1	10.7	10.5	9.0	10.6	10.5
45-64 years	10.0	9.2	9.5	9.5	7.2	8.9	8.9	6.8	8.7	8.9
65 years and over	14.1	12.3	12.6	12.3	3.7	9.5	9.1	3.3	8.7	9.1
Northeast	13.4	11.9	12.2	12.1	7.9	11.2	10.9	7.6	10.9	10.9
Midwest	14.6	13.3	13.6	13.4	9.9	12.9	12.5	9.8	12.7	12.5
South	17.2	15.5	15.7	15.6	12.4	14.8	14.6	12.1	14.6	14.6
West	14.7	13.6	13.7	13.6	10.7	13.0	12.8	10.6	12.9	12.8

[1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1983*, Technical Paper 52.

No. 769. Appalachia—Per Capita Money Income, 1969 and 1979, Persons Below Poverty Level, 1969 and 1979, and Per Capita Personal Income, 1981

["Appalachia" refers to a region delineated in the Appalachian Regional Development Act of 1965, as amended, containing 397 counties in 13 States. For definition of poverty level, see text, p. 429]

Area	Per capita money income [1]				Persons below poverty level				Per capita personal income, 1981	
	Total		Percent of U.S.		Number (1,000)		Percent			
	1969	1979	1969	1979	1969	1979	1969	1979	Total	Percent of U.S.
United States	**$3,119**	**$7,330**	**100.0**	**100.0**	**27,125**	**27,383**	**13.7**	**12.4**	**$10,495**	**100**
Appalachian States	**3,000**	**6,928**	**96.2**	**94.5**	**11,406**	**10,789**	**15.4**	**13.7**	**$9,899**	**94**
Appalachian region	2,505	6,221	80.3	84.9	3,228	2,771	18.1	14.0	8,523	81
Appalachian portion of—										
Alabama	2,430	6,147	77.9	83.9	463	395	22.1	16.6	8,410	80
Georgia	2,419	6,301	77.6	86.0	136	134	17.0	12.3	7,726	74
Kentucky	1,732	4,656	55.5	66.2	334	275	38.8	26.0	6,654	63
Maryland	2,599	6,327	83.3	86.3	30	25	14.7	11.9	8,523	81
Mississippi	1,861	4,956	59.7	67.6	139	105	33.8	22.1	6,968	66
New York	2,845	6,135	91.2	83.7	117	124	11.5	12.0	8,669	83
North Carolina	2,437	6,095	78.1	83.2	190	164	16.7	13.8	8,435	80
Ohio	2,443	6,073	78.3	82.9	176	159	16.0	12.9	8,039	77
Pennsylvania	2,790	6,770	89.5	92.4	664	587	11.4	10.0	9,646	92
South Carolina	2,571	6,473	82.4	88.3	104	97	16.2	12.6	8,579	82
Tennessee	2,340	5,983	75.0	81.6	381	337	22.4	16.6	7,876	75
Virginia	2,050	5,614	65.7	76.6	113	83	24.4	15.2	7,494	71
West Virginia [2]	2,333	6,179	74.8	84.3	380	287	22.2	15.0	8,369	80
Non-Appalachian portions	3,156	7,164	101.2	97.7	8,178	8,018	14.5	13.6	10,358	99

[1] Data compiled from county data, U.S. Bureau of the Census. [2] Entire State lies within the Appalachian region.

Source: Appalachian Regional Commission, *Appalachia—A Reference Book, Supplement to Second Edition*, 1981, and unpublished data.

NO. 770. NET STOCK OF FIXED REPRODUCIBLE TANGIBLE WEALTH IN CURRENT AND CONSTANT (1972) DOLLARS: 1929 TO 1983

[In billions of dollars, except percent. As of Dec. 31. See headnotes, table 892]

TYPE OF WEALTH	1929	1935	1945	1950	1955	1960	1965	1970	1975	1980	1981	1982	1983
CURRENT DOLLARS													
Net stock, total	259	207	458	723	1,020	1,287	1,625	2,539	4,368	7,753	8,433	8,710	9,098
Private business	184	137	230	451	624	789	988	1,542	2,724	4,994	5,483	5,681	5,921
Percent of total	71.0	66.2	50.2	62.3	61.2	61.3	60.8	60.7	62.4	64.4	65.0	65.2	65.1
Nonresidential equipment	30	20	37	97	139	182	227	369	651	1,183	1,323	1,396	1,451
Nonresidential structures	58	42	59	108	151	198	261	438	789	1,368	1,500	1,591	1,634
Residential	97	74	135	245	334	409	501	735	1,283	2,444	2,661	2,694	2,836
Government	37	44	179	169	244	306	404	629	1,058	1,778	1,894	1,935	2,014
Nonresidential equipment:													
Military	1	1	77	29	50	54	64	76	102	186	217	257	302
Other	1	2	13	9	18	21	25	40	64	112	121	126	129
Nonresidential structures	35	41	86	126	170	221	302	493	856	1,418	1,490	1,485	1,514
Residential	(z)	(z)	3	5	7	10	13	20	36	61	66	67	69
Households [1]	38	26	49	104	152	192	233	368	585	980	1,056	1,095	1,164
CONSTANT (1972) DOLLARS													
Net stock, total	926	872	1,170	1,233	1,545	1,816	2,203	2,715	3,220	3,718	3,798	3,856	3,941
Private business	693	620	588	772	946	1,122	1,356	1,657	1,972	2,292	2,352	2,390	2,443
Nonresidential equipment	98	72	90	165	206	230	277	380	480	615	642	655	674
Nonresidential structures	244	216	176	210	254	314	386	480	553	611	628	644	655
Residential	350	332	323	397	486	579	693	797	938	1,066	1,081	1,090	1,114
Government	141	174	504	328	412	477	578	685	761	813	819	828	837
Nonresidential equipment:													
Military	4	3	226	57	77	73	81	80	80	91	94	102	111
Other	5	6	32	16	26	28	32	41	49	58	58	58	57
Nonresidential structures	132	165	239	248	298	361	447	543	606	638	641	642	643
Residential	(z)	(z)	8	8	10	14	18	21	26	25	26	26	26
Households [1]	92	78	77	134	187	217	268	373	488	613	627	637	661

Z Less than $500 million. [1] Consumer durables.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business,* August 1983, and unpublished data.

NO. 771. PERSONAL WEALTH—TOP WEALTHHOLDERS, BY CHARACTERISTICS AND BY SIZE OF GROSS ESTATE, AND TYPE OF ASSET: 1953 TO 1976

[Estimates based on Federal estate tax returns showing gross assets of $60,000 or more (greater than $120,000 in 1976) filed with Internal Revenue Service. Comparability of data is affected by revisions in estimating techniques]

ITEM	TOTAL						PERCENT DISTRIBUTION					
	1953	1958	1962	1969	1972	1976	1953	1958	1962	1969	1972	1976
NUMBER (1,000)												
Total, top wealthholders	**1,979**	**3,009**	**4,132**	**9,013**	**12,815**	**8,695**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Male [1]	1,330	1,936	2,539	5,643	7,810	5,782	67.2	64.3	61.4	62.6	60.9	66.5
Under 50 years	491	741	988	2,557	3,976	2,772	24.8	24.6	23.9	28.4	31.0	31.9
50-69 years	648	923	1,173	2,329	2,810	2,248	32.7	30.7	28.4	25.8	21.9	25.9
70 years and over	151	232	332	666	762	600	7.6	7.7	8.0	7.4	5.9	6.9
Female [1]	648	1,073	1,594	3,370	5,006	2,913	32.7	35.7	38.6	37.4	39.1	33.5
Under 50 years	197	299	471	932	1,951	848	10.0	9.9	11.4	10.3	15.2	9.7
50-69 years	306	530	758	1,630	2,001	1,321	15.5	17.6	18.3	18.1	15.6	15.2
70 years and over	120	209	324	726	875	649	6.1	6.9	7.8	8.1	6.8	7.5
By size of gross estate:												
$60,000-$99,999	(NA)	1,193	1,593	3,341	4,928	(X)	(NA)	39.6	38.6	37.1	38.5	(X)
$100,000-$199,999 [2]	(NA)	1,179	1,627		5,175	4,759	(NA)	39.2	39.4		40.4	54.7
$200,000-$499,999	(NA)	488	692	5,214	2,059	3,133	(NA)	16.2	16.7	57.8	16.1	36.0
$500,000-$999,999	(NA)	102	149	311	425	555	(NA)	3.4	3.6	3.4	3.3	6.4
$1,000,000-$9,999,999	(NA)	45	69	143			(NA)	1.5	1.7	1.6		
$10,000,000 or more	(NA)	2	2	4	218	248	(NA)	.1	(z)	(z)	1.7	2.9
TYPE OF ASSET (bil. dol.)												
Total assets	**356**	**542**	**752**	**1,581**	**2,152**	**2,213**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Real estate	82	133	188	428	645	771	23.0	24.5	25.0	27.1	30.0	34.8
Bonds	36	36	48	85	124	130	9.9	6.6	6.4	5.4	5.8	5.9
Corporate stock	141	231	326	551	629	531	39.6	42.6	43.3	34.9	29.2	24.0
Cash [3]	34	46	71	190	278	281	9.5	8.5	9.4	12.0	12.9	12.7
Notes and mortgages	13	21	30	59	86	88	3.5	3.8	4.0	3.8	4.0	4.0
Insurance equity	7	11	16	31	42	42	2.0	2.0	2.1	2.0	2.0	1.9
Other	44	66	74	236	346	371	12.4	12.1	9.8	14.9	16.1	16.7
Debts	**32**	**50**	**83**	**204**	**301**	**344**	**8.9**	**9.2**	**11.0**	**12.9**	**14.0**	**15.5**
Net worth (less deficit)	**324**	**492**	**669**	**1,377**	**1,852**	**1,869**	**91.1**	**90.8**	**89.0**	**87.1**	**86.1**	**84.5**

X Not applicable. NA Not available. Z Less than .05 percent. [1] Includes persons of unknown age.
[2] $120,001-$199,999 in 1976. [3] Includes checking and savings accounts, savings certificates, etc.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1962* and *1972,* Supplemental Report, *Personal Wealth* and *Statistics of Income Bulletin,* Summer 1983.

NO. 772. PERSONAL WEALTH—NUMBER OF TOP WEALTHHOLDERS, BY SEX, MARTIAL STATUS, AND AGE, AND BY SIZE OF NET WORTH: 1976

[In thousands. See headnote, table 771]

NET-WORTH CLASS	MALE					FEMALE				
	Married	Single [1]	Widowed	Under 50 years [2]	65 yr. and over	Married	Single [1]	Widowed	Under 50 years [2]	65 yr. and over
Total	**4,813**	**687**	**270**	**2,934**	**991**	**1,363**	**579**	**950**	**942**	**949**
Under $100,000 [3]	1,977	243	28	1,743	22	249	81	16	250	5
$100,000-$249,999	1,998	317	167	882	639	841	364	618	522	645
$250,000-$499,999	575	94	51	223	219	171	94	215	104	201
$500,000-$999,999	179	23	17	59	74	68	30	68	48	67
$1,000,000 or more	83	11	7	27	37	34	10	34	19	31

[1] Includes divorced persons. [2] Includes persons of unknown age. [3] Includes returns with negative net worth.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Summer 1983.

NO. 773. PERSONAL WEALTH—NUMBER AND ASSETS OF TOP WEALTHHOLDERS, BY STATE OR OTHER AREA: 1976

[See headnote, table 771. Totals derived from adding State data differ slightly from national totals shown here because of the sample weighting procedures used. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Total wealthholders (1,000)	TOTAL ASSETS		
		Total (bil. dol.)	Percent	
			Corporate stock	Real estate
Total	**8,695.0**	**2,212.7**	**24.0**	**34.8**
Region:				
Northeast	2,072.0	521.3	30.6	28.3
Midwest	2,586.4	632.6	20.4	39.3
South	2,470.4	642.6	22.8	36.2
West	1,508.9	401.8	23.0	34.1
New England	**483.1**	**129.1**	**32.2**	**27.6**
Maine	28.9	8.0	42.5	23.7
New Hampshire	28.8	7.2	27.6	22.7
Vermont	14.5	4.0	22.0	37.2
Massachusetts	202.1	50.6	31.5	25.6
Rhode Island	32.2	5.5	25.9	31.7
Connecticut	176.5	53.7	33.4	29.5
Middle Atlantic	**1,588.9**	**392.3**	**30.0**	**28.6**
New York	899.5	226.5	30.5	26.8
New Jersey	321.0	75.6	28.4	34.3
Pennsylvania	368.5	90.2	30.3	28.3
East North Central	**1,650.9**	**399.7**	**22.4**	**36.3**
Ohio	376.8	86.0	27.8	30.7
Indiana	174.6	47.8	19.0	40.0
Illinois	564.4	142.3	19.5	40.6
Michigan	301.9	74.9	21.5	30.2
Wisconsin	233.3	46.7	25.6	39.6
West North Central	**935.3**	**232.8**	**17.1**	**44.4**
Minnesota	175.4	40.3	15.9	41.6
Iowa	212.8	52.3	8.6	56.4
Missouri	183.3	50.4	27.2	33.2
North Dakota	48.7	10.3	13.6	51.2
South Dakota	51.7	12.2	30.9	39.2
Nebraska	119.6	30.8	15.1	44.2
Kansas	143.8	36.5	14.7	45.6
South Atlantic	**1,371.9**	**350.1**	**22.9**	**35.2**
Delaware	37.7	8.9	29.4	28.4
Maryland	221.2	49.2	20.1	33.9
South Atlantic—Con.				
District of Columbia	[1]	[1]	[1]	[1]
Virginia	210.0	43.3	20.2	43.1
West Virginia	39.8	8.5	30.7	31.8
North Carolina	176.7	45.2	25.7	40.6
South Carolina	87.8	19.1	28.2	39.7
Georgia	159.9	41.1	21.4	42.0
Florida	438.9	134.9	22.7	29.3
East South Central	**396.0**	**100.1**	**24.6**	**35.8**
Kentucky	107.8	24.2	31.2	35.2
Tennessee	135.2	31.4	29.3	34.2
Alabama	79.9	24.7	21.3	39.5
Mississippi	73.1	19.7	13.1	34.4
West South Central	**702.5**	**192.4**	**21.6**	**38.4**
Arkansas	63.5	13.8	12.2	43.7
Louisiana	91.5	24.1	25.8	40.6
Oklahoma	137.7	40.8	25.6	38.4
Texas	409.7	113.7	20.4	37.2
Mountain	**429.1**	**105.3**	**25.6**	**34.1**
Montana	48.9	11.2	18.5	40.4
Idaho	36.4	8.7	27.4	39.5
Wyoming	35.2	7.7	24.7	44.1
Colorado	128.6	28.7	20.8	38.7
New Mexico	26.4	8.3	20.6	29.0
Arizona	89.8	20.6	26.2	36.2
Utah	36.6	7.2	40.9	18.5
Nevada	27.3	13.0	35.2	17.9
Pacific	**1,079.8**	**296.5**	**22.0**	**34.1**
Washington	123.5	29.1	21.9	38.1
Oregon	91.9	21.3	21.5	35.7
California	807.6	233.0	22.3	32.7
Alaska	17.6	5.7	27.3	38.4
Hawaii	39.0	7.4	11.2	56.4
Other areas	57.4	14.4	25.0	32.3

[1] District of Columbia included with Maryland.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Summer 1983.

NO. 774. PERSONAL WEALTH—PERCENT SHARE OF TOP ONE PERCENT: 1922 TO 1972

[Persons 21 years old and over. Data differ from those in table 775 because the latter relate to all persons]

YEAR	Percent	YEAR	Percent	YEAR	Percent
1922	31.6	1949	20.8	1962	22.0
1929	36.3	1953	24.3	1965	23.4
1933	28.3	1954	24.0	1969	20.1
1939	30.6	1956	26.0	1972	20.7
1945	23.3	1958	23.8		

Source: 1922–1956, Robert J. Lampman, *The Share of Top Wealth-Holders in National Wealth*, National Bureau of Economic Research, 1962; 1958, James D. Smith and Staunten K. Calvert, "Estimating the Wealth of Top Wealth-Holders from Estate Tax Returns," *Proceedings of the American Statistical Association*, Philadelphia, PA., 1965 (copyright); 1962–1972, James D. Smith, unpublished estimates, The Urban Institute, Washington, DC, and The Pennsylvania State University (copyright).

NO. 775. PERSONAL WEALTH—VALUE OF ASSETS HELD BY ALL PERSONS, TOP ONE-HALF PERCENT, AND TOP ONE PERCENT: 1962 TO 1976

[**In billions of dollars, except as indicated.** Wealth of all persons derived from national balance sheets. Wealth of top one-half percent and one percent of all persons estimated by estate multiplier technique. Detailed descriptions of methodology and attendant problems can be found in sources cited for table 774]

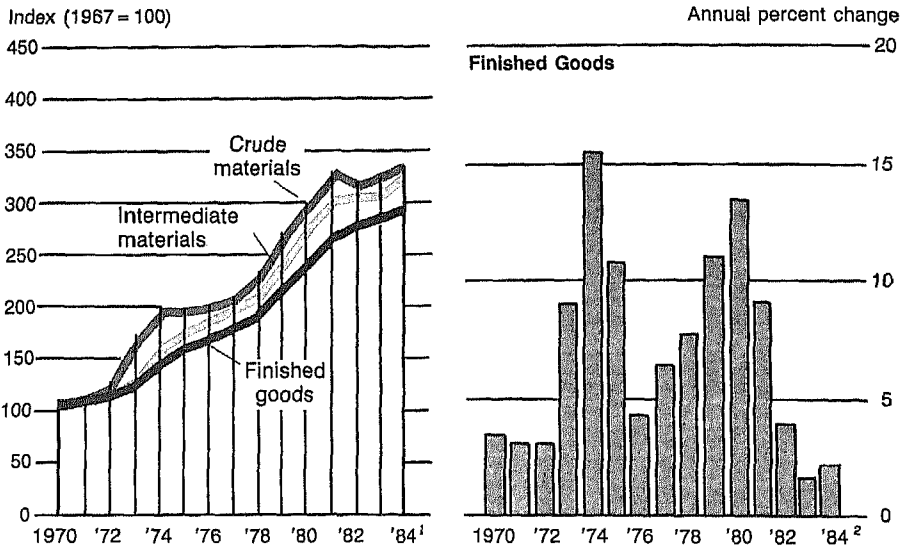
ASSET	1962					1969				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	**2,043.9**	**432.4**	**548.3**	**21.2**	**26.8**	**3,292.1**	**672.4**	**848.8**	**20.4**	**25.8**
Real estate [1]	755.7	79.6	117.8	10.5	15.6	1,172.5	117.0	170.7	10.0	14.6
Corporate stock [2]	418.3	227.3	264.4	53.6	62.4	731.7	366.3	423.3	50.1	57.9
Bonds	95.3	33.2	38.4	34.8	40.3	141.3	63.7	71.5	45.1	50.6
Cash [3]	284.7	28.9	42.5	10.2	14.9	505.6	48.1	71.2	9.5	14.1
Debt instruments [4]	59.2	16.5	21.8	27.9	36.8	88.9	21.9	29.6	24.6	33.3
Life insurance [5]	84.0	7.1	10.7	8.5	12.7	119.7	8.4	13.8	7.0	11.5
Trusts [6]	46.7	(NA)	(NA)	(NA)	(NA)	74.1	60.0	64.5	81.0	87.0
Miscellaneous	341.2	39.8	52.7	11.7	15.4	532.4	47.0	68.7	8.8	12.9
Liabilities [7]	**314.4**	**47.8**	**61.0**	**15.2**	**19.4**	**559.9**	**75.8**	**100.5**	**13.5**	**17.9**
Net worth	**1,729.5**	**384.6**	**487.3**	**22.2**	**23.8**	**2,732.2**	**596.7**	**748.1**	**21.8**	**27.4**
Number of persons (mil.)	(X)	**.93**	**1.87**	(X)	(X)	(X)	**1.01**	**2.03**	(X)	(X)

ASSET	1972					1976				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	**4,021.2**	**822.4**	**1,046.9**	**20.5**	**26.0**	**5,644.0**	**776.9**	**1,032.1**	**13.8**	**18.3**
Real estate [1]	1,501.9	150.9	225.0	10.0	15.0	2,435.1	209.0	305.7	8.6	12.6
Corporate stock [2]	784.6	429.3	491.7	54.7	62.7	648.0	248.2	297.8	38.3	46.0
Bonds	159.3	82.5	94.8	51.8	59.5	249.9	64.1	74.4	25.7	29.8
Cash [3]	663.4	63.6	101.2	9.3	14.8	1,023.5	68.5	111.8	6.7	10.9
Debt instruments [4]	90.6	30.3	40.8	33.4	45.0	121.5	33.1	44.8	27.2	36.9
Life insurance [5]	141.8	6.2	10.0	4.4	7.1	178.9	7.8	12.7	4.4	7.1
Trusts [6]	93.8	80.3	89.4	85.6	95.3	97.9	(NA)	(NA)	(NA)	(NA)
Miscellaneous	659.6	59.5	83.3	9.0	12.6	987.1	(NA)	(NA)	(NA)	(NA)
Liabilities [7]	**719.5**	**100.7**	**131.0**	**14.0**	**18.2**	**1,047.2**	**117.0**	**146.4**	**11.2**	**14.2**
Net worth	**3,301.7**	**721.7**	**915.9**	**21.9**	**27.7**	**4,596.8**	**659.6**	**883.2**	**14.3**	**19.2**
Number of persons (mil.)	(X)	**1.04**	**2.09**	(X)	(X)	(X)	**1.08**	**2.15**	(X)	(X)

NA Not available. X Not applicable. [1] Market value without deduction of mortgages, liens, or other incumbrances. Includes foreign real estate. [2] Includes all common and preferred issues, shares in domestic or foreign firms, certificates and shares of building and loan and savings and loan associations, Federal land bank stock, accrued dividends, and other instruments representing equity interest in an enterprise. Stock held in trust is included, but value is understated. [3] Includes checking and savings balances, currency on hand or in safe deposit boxes, cash balances with stockbrokers, and postal savings accounts. Cash in trust is included, but understated. [4] Includes notes and mortgages, security credit, and similar assets. [5] Cash surrender value; i.e., the amount individuals could expect to receive were they to surrender their policies to the carriers. It takes account of policy loans, accrued dividends, and unearned premiums. [6] Includes all assets owned in trust except real estate. Trust classification figures should not be used to arrive at total assets because these data are included in individual asset types. [7] Includes all legal obligations except loans on life insurance policies.

Source: James D. Smith and Stephen D. Franklin, "The Concentration of Personal Wealth, 1922–1969," *The American Economic Review*, Volume LXIV, Number 2, May 1974 (copyright), and U.S. Congress, House Committee on the Budget, *Data on Distribution of Wealth in the United States*, and unpublished data.

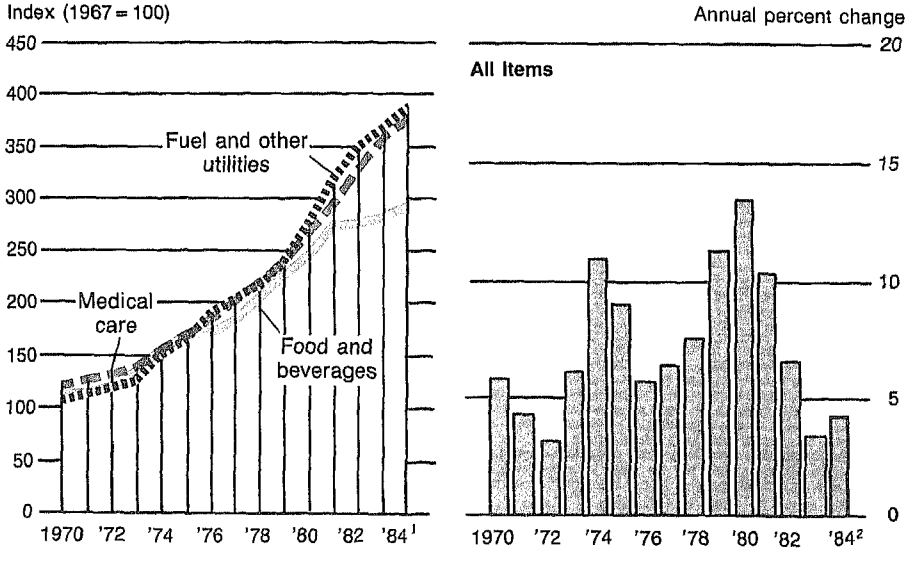
Figure 16.1
Producer Price Indexes by Stage of Processing: 1970 to 1984



[1]Annual rate for six months ending June 1984. [2]Percent change, June 1983 — June 1984.

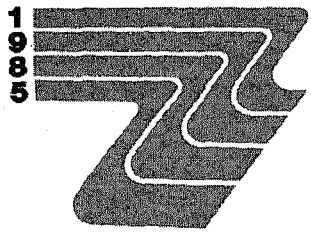
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 777 and 781.

Figure 16.2
Consumer Price Indexes: 1970 to 1984



[1]Annual rate for six months ending June 1984. [2] *Percent change, June 1983 — June 1984.*

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 777 and 791.



Section 16

Prices

This section presents indexes of producer and consumer prices, actual prices for selected commodities, energy prices, and consumer expenditures. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review; Consumer Price Index, Detailed Report; Consumer Prices: Energy* and *Food;* and *Producer Prices and Price Indexes.* The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product (GNP) implicit price deflator figures; see table 779. The Department of Agriculture's Economic Research Service (ERS) produces indexes of prices received and prices paid by farmers; see Section 24. The single year 1967 has been the standard reference base period for most general-purpose index numbers prepared by Federal agencies.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

Producer price index.—Formerly known as the wholesale price index, this index, dating from 1890, is the oldest continuous statistical series published by BLS. It is designed to measure average changes in prices of all commodities, at all stages of processing, produced for sale in primary markets in the U.S.

The index has undergone several revisions (see *Monthly Labor Review,* February 1962 and April 1978). It is now based on approximately 3,400 commodity price series instead of the approximately 1,900 included in the 1947–1960 period and the 900 included for the period prior to 1947. Prices used in constructing the index are collected from sellers, if possible, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value of commodities produced or processed in this country. Values are f.o.b. production point and are exclusive of excise taxes, interplant transfers, military products, and goods sold directly at retail from producing establishments. Beginning in January 1976, the weights are values of net shipments of commodities as derived from the industrial censuses of 1972 and other data. For January 1967–December 1975, weights were based on 1963 shipment values.

Implicit price deflators.—Several measures of the change in prices paid by U.S. consumers are available. Each of them is constructed differently and behaves differently. Three such measures are: *the implicit price deflator* for personal consumption expenditures (PCE) and the *chain price index* for PCE, prepared by Bureau of Economic Analysis (BEA) and the *consumer price index;* prepared by BLS.

Many of the differences are traceable to the fact that the population groups covered by the BEA measures are "persons" as defined in the national income and product accounts, i.e., mainly individuals and nonprofit institutions and individuals serving them. The CPI covers all urban consumers. Weights also differ in each of the three measures. In terms of relative importance, approximately 70 percent of the expenditure components used in constructing the BEA and the CPI are comparable. CPI measures are also used in constructing most of the BEA measures for noncomparable PCE components. All together, almost 95 percent of the weight of the price indexes used in the construction of the BEA measures is taken from the CPI. See U.S. Bureau of Economic Analysis, *Survey of Current Business,* March 1978 for a detailed reconciliation.

Consumer price indexes (CPI).—The CPI is a measure of the average change in prices over time in a fixed "market basket" of goods and services purchased either by urban wage earners and clerical workers or by all urban consumers.

In 1919, BLS began to publish complete indexes at semiannual intervals, using a weighting structure based on data collected in the expenditure survey of wage-earner and clerical-worker families in 1917–19 (BLS Bulletin 357, 1924). The first major revision of the CPI occurred in 1940, with subsequent revisions in 1953, 1964, and 1978.

The current revision, initially issued with release of the January 1978 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1972–1973 Consumer Expenditure Survey.

Effective with the January 1978 index, BLS began publishing CPI's for two population groups: (1) a new CPI for All Urban Consumers (CPI–U) which covers approximately 80 percent of the total noninstitutional civilian population; and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI–W) which represents about half the population covered by CPI–U. The CPI–U includes in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage, such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force. Separate, although overlapping, samples were used for the two indexes from January 1978 to January 1982. Thereafter, the same samples were used for both indexes.

In January 1983, the method of measuring homeownership costs in the CPI–U was changed to a rental equivalence approach. This treatment calculates homeowner costs of the shelter based on the implicit rent owners would pay to rent the homes they own. The former asset approach incorporated both investment as well as consumption costs in its measure. The rental equivalence approach will be introduced into the CPI–W in January 1985.

The CPI is based on prices of food, clothing, shelter, fuels, transportation fares, charges for doctors' and dentists' services, drugs, and other goods and services purchased for day-to-day living. Prices are collected in 85 areas across the country from over 24,000 tenants, 18,000 housing units for property taxes, and about 32,400 establishments. Area selection was based on the 1970 census. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels, and a few other items are obtained every month in all 85 locations. Prices of most other commodities and services are collected monthly in the five largest geographic areas and every other month in other areas.

In calculating the index, each item is assigned a weight to account for its relative importance in consumers' budgets. Price changes for the various items in each location are then averaged. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for regions, area size-classes, cross-classification of region and size-classes, and for 28 local areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA); see Appendix II. Area definitions are those established by the Office of Management and Budget in 1973. Definitions do not include revisions made since 1973. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period. For further detail regarding the CPI, see *Consumer Price Index; Concepts and Content Over the Years,* BLS report number 517.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the producer price index and the CPI, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 776. Purchasing Power of the Dollar: 1940 to 1984

[1967=$1.00. Producer prices prior to 1961, and consumer prices prior to 1964, exclude Alaska and Hawaii. For 1940 and 1945, producer prices based on all commodities index; subsequent years based on finished goods index. Obtained by dividing the average price index for the 1967 base period (100.0) by the price index for a given period and expressing the result in dollars and cents. Annual figures are based on average of monthly data]

YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—	
	Producer prices	Consumer prices		Producer prices	Consumer prices		Producer prices	Consumer prices
1940	$2.469	$2.381	1959	$1.075	$1.145	1972	$8.53	$.799
1945	1.832	1.855	1960	1.067	1.127	1973	.782	.752
1948	1.252	1.387	1961	1.067	1.116	1974	.678	.678
1949	1.289	1.401	1962	1.064	1.104	1975	.612	.621
1950	1.266	1.387	1963	1.067	1.091	1976	.586	.587
1951	1.156	1.285	1964	1.063	1.076	1977	.550	.551
1952	1.163	1.258	1965	1.045	1.058	1978	.510	.512
1953	1.175	1.248	1966	1.012	1.029	1979	.459	.461
1954	1.172	1.142	1967	1.000	1.000	1980	.405	.406
1955	1.170	1.247	1968	.972	.960	1981	.371	.367
1956	1.138	1.229	1969	.938	.911	1982	.356	.346
1957	1.098	1.186	1970	.907	.860	1983	.351	.335
1958	1.073	1.155	1971	.880	.824	1984, June	.343	.322

Source: U.S. Bureau of Labor Statistics. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business.*

NO. 777. ANNUAL PERCENT CHANGE IN SELECTED PRICE INDEXES: 1960 TO 1984

[Yearly averages. Minus sign (—) indicates decrease. GNP=Gross national product; see text, p. 427]

YEAR OR PERIOD	CONSUMER PRICES						PRODUCER PRICES					GNP DEFLATOR [2]			
	All items	Food	Fuel oil and coal [1]	Gas (piped) and electricity	Rent	Services	Finished goods		Intermediate goods	Crude goods		Total	Domestic business	Nonfarm business	PCE [2 3] deflator
							Total	Consumer goods		Total	Fuel				
1960 [4]	1.6	1.0	—.7	4.1	1.4	3.3	.8	2.2	–	—2.4	1.0	1.6	1.5	1.5	1.9
1961	1.0	1.3	2.0	.8	1.3	2.0	–	—.4	—.6	—.5	—.2	.9	.6	.6	1.0
1962	1.1	.9	.5	–	1.2	1.9	.3	.9	—.1	1.0	—.5	1.8	1.5	1.5	1.5
1963	1.2	1.4	1.9	–	1.1	2.0	—.3	—1.2	.3	—2.2	1.2	1.5	1.1	1.2	1.6
1964	1.3	1.3	—.5	–	.9	1.9	.4	.5	.3	—.9	—.4	1.5	1.0	1.1	1.4
1965	1.7	2.2	2.0	–	1.0	2.2	1.7	3.8	1.4	5.1	.8	2.2	1.9	1.6	1.8
1966	2.9	5.0	2.5	.2	1.3	3.9	3.2	6.5	2.5	6.4	3.0	3.2	2.9	2.7	2.9
1967	2.9	.9	3.1	.4	1.8	4.4	1.2	—1.6	.8	—5.4	3.8	3.0	2.7	3.1	2.4
1968	4.2	3.6	3.1	.9	2.4	5.2	2.8	3.6	2.3	1.6	2.3	4.4	3.9	3.8	4.0
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.7	6.2	3.4	6.7	4.2	5.1	4.8	4.7	4.5
1970	5.9	5.5	4.3	4.4	4.2	8.1	3.5	3.2	3.9	3.6	15.0	5.4	4.5	4.7	4.6
1971	4.3	3.0	6.7	6.9	4.6	5.6	3.1	1.6	3.8	2.5	13.4	5.0	4.4	4.5	4.3
1972	3.3	4.3	.9	5.1	3.5	3.8	3.1	5.6	4.0	10.9	7.0	4.2	3.5	3.0	3.7
1973	6.2	14.5	14.8	4.9	4.3	4.4	9.1	20.3	10.9	36.4	10.6	5.8	5.5	3.9	5.7
1974	11.0	14.4	57.8	15.3	5.1	9.3	15.3	15.6	23.8	12.8	33.4	8.8	9.2	9.8	10.1
1975	9.1	8.5	9.7	16.3	5.1	9.5	10.8	9.6	10.5	.4	23.7	9.3	9.5	9.9	7.6
1976	5.8	3.1	6.6	11.4	5.4	8.3	4.4	3.7	5.1	2.9	12.4	5.2	4.8	5.1	5.1
1977	6.5	6.3	13.0	12.9	6.1	7.7	6.5	6.5	6.6	3.2	21.9	5.8	5.6	5.8	5.8
1978	7.7	10.0	5.3	9.0	6.8	8.5	7.8	7.9	7.0	12.0	14.7	7.4	7.5	7.1	7.0
1979	11.3	10.9	35.1	10.8	7.3	11.0	11.1	11.8	12.8	17.0	18.9	8.6	8.9	8.7	9.0
1980	13.5	8.6	37.9	17.1	8.9	15.4	13.5	14.2	15.3	11.0	21.2	9.2	9.2	9.8	10.2
1981	10.4	7.9	21.6	14.6	8.7	13.1	9.2	9.0	9.2	8.0	22.1	9.6	9.6	9.8	8.7
1982	6.1	4.0	—1.2	13.8	7.6	9.0	4.0	3.6	1.4	—2.9	18.0	6.0	5.6	5.9	5.9
1983	3.2	2.1	—6.0	8.9	5.8	3.5	1.6	1.3	.6	1.3	5.1	3.8	3.3	3.5	3.7
1984 [5]	4.2	3.4	4.2	3.0	5.3	4.0	2.2	2.0	3.3	3.1	—.4	3.8	3.1	3.0	3.0
1960–65 [6]	1.3	1.4	1.2	.2	1.1	2.0	.4	.7	.2	.5	.2	1.6	1.2	1.2	1.4
1965–70 [6]	4.2	4.0	3.1	1.5	2.6	5.7	2.9	3.5	2.6	2.5	5.6	4.2	3.8	3.8	3.7
1970–75 [6]	6.7	8.8	16.4	9.6	4.5	6.5	8.2	9.8	10.4	11.9	17.2	6.6	6.4	6.2	6.3
1975–80 [6]	8.9	7.7	18.8	12.2	6.9	10.2	8.6	5.8	9.3	9.1	17.8	7.3	7.2	7.3	7.4
1980–82 [6]	8.2	5.9	9.6	14.2	8.1	11.0	6.6	4.1	5.2	2.4	20.0	7.7	7.4	7.7	7.1
1980–83 [6]	6.5	4.6	4.1	12.4	7.3	8.5	4.9	3.0	3.7	2.0	14.8	6.5	6.1	6.4	6.1

– Represents zero. [1] Includes bottled gas. [2] Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76, Survey of Current Business,* July issues. Index 1972=100. [3] PCE=Personal consumption expenditures. See table 779. [4] Base year for percent change is 1959. [5] Change from June 1983–June 1984, except GNP deflator, 2d qtr. 1983 to 2d qtr. 1984. [6] Average annual percent change. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

NO. 778. ANNUAL PERCENT CHANGE IN WAGE RATES, COSTS, PRODUCTIVITY, AND FEDERAL BUDGET: 1971 TO 1983

ITEM	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Wage rates and earnings, private nonfarm:													
Average hourly earnings	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3	8.1	8.9	5.9	4.4
Employment cost index, total	(NA)	(NA)	(NA)	(NA)	(NA)	7.2	7.0	7.7	8.7	9.0	8.8	6.3	5.0
Union	(NA)	(NA)	(NA)	(NA)	(NA)	8.1	7.6	8.0	9.0	10.9	9.6	6.5	4.6
Nonunion	(NA)	(NA)	(NA)	(NA)	(NA)	6.8	6.6	7.6	8.5	8.0	8.5	6.1	5.2
Nonfarm business:													
Compensation per hour	6.6	6.7	7.6	9.4	9.6	8.1	7.5	8.6	9.0	10.4	9.8	7.8	5.6
Productivity	3.3	3.7	2.4	—2.5	2.0	3.2	2.2	.6	—1.5	—.7	1.9	—.1	3.2
Unit labor costs	3.2	2.8	5.0	12.2	7.5	4.8	5.2	8.0	10.7	11.1	7.7	7.9	2.3
Federal government budget: [1]													
Receipts	—2.9	10.8	11.3	14.0	6.0	6.8	19.3	12.4	16.0	11.6	15.9	3.1	—2.8
Outlays	7.4	9.8	6.5	9.1	21.0	12.4	9.9	11.9	9.5	17.4	14.0	10.8	9.3
Gross debt	7.0	6.8	7.1	3.8	11.9	16.1	12.2	10.1	6.8	9.7	9.8	14.2	20.5

NA Not available. [1] Fiscal year data; see table 483. Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual and unpublished document, "Federal Government Finances," February 1984 edition.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Employment and Earnings,* monthly, and *Current Wage Developments,* May 1984.

No. 779. Gross National Product Implicit Price Deflators: 1929 to 1983

[1972=100, *except as noted.* See Historical Statistics, Colonial Times to 1970, series E 1-22, for data based on 1958=100. Minus sign (−) indicates decrease. For explanation of average annual percent change, see Guide of Tabular Presentation]

YEAR	Gross national product	Personal consumption expenditures	FIXED INVESTMENT [1]			Exports	Imports	Gov't purchases of goods and services	Final sale
			Total	Residential	Nonresidential				
1929	32.8	35.9	28.3	28.2	28.3	42.2	45.5	21.5	32.7
1933	25.1	26.9	22.4	20.7	22.9	26.5	23.6	19.2	25.3
1939	28.4	30.5	27.7	26.6	28.2	32.1	31.0	21.4	28.4
1940	29.1	30.9	28.5	27.4	29.1	34.9	32.8	21.7	29.0
1945	37.9	44.1	37.2	40.8	36.7	53.6	44.9	31.2	37.9
1950	53.6	56.9	56.7	60.0	54.5	61.0	68.8	39.2	53.3
1955	60.6	64.4	65.0	66.7	62.9	68.5	77.1	49.2	60.6
1960	68.7	71.9	72.1	71.4	72.5	75.2	76.1	58.0	68.6
1965	74.4	77.2	74.0	72.3	74.7	79.4	77.7	66.0	74.2
1966	76.8	79.4	76.3	74.6	76.9	81.9	79.4	69.1	76.6
1967	79.1	81.4	78.8	77.0	79.5	83.5	79.9	72.5	79.0
1968	82.5	84.6	82.2	80.7	82.8	85.5	81.1	76.5	82.5
1969	86.8	88.4	87.0	87.7	86.7	88.5	83.2	81.1	86.8
1970	91.5	92.5	91.1	90.5	91.3	93.2	88.6	87.7	91.5
1971	96.0	96.5	95.7	94.8	96.2	97.0	93.3	93.9	96.0
1972	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1973	105.8	105.7	105.5	109.1	103.8	112.7	116.7	106.7	105.7
1974	115.1	116.4	116.7	120.3	115.4	134.8	164.6	116.8	115.0
1975	125.8	125.3	131.9	131.0	132.2	149.6	179.6	128.2	125.7
1976	132.3	131.7	139.2	140.7	138.6	155.3	185.6	136.6	132.2
1977	140.1	139.3	149.8	158.0	146.3	161.9	205.5	146.3	139.7
1978	150.4	149.1	163.2	178.3	157.2	172.6	214.1	157.3	150.3
1979	163.4	162.5	178.5	200.5	170.8	192.5	246.1	170.4	163.3
1980	178.4	179.0	193.4	218.5	186.2	212.9	289.4	189.2	178.6
1981	195.6	194.5	208.6	234.1	202.2	230.9	293.8	207.8	195.3
1982	207.4	206.0	215.4	241.3	209.5	236.0	279.3	222.2	207.7
1983, prel	215.3	213.6	216.0	246.4	206.4	241.0	271.5	234.9	215.7
	AVERAGE ANNUAL PERCENT CHANGE								
1929–1933	−6.5	−7.0	−5.7	−7.4	−5.2	−11.0	−15.1	−2.8	−6.2
1933–1939	2.1	2.1	3.6	4.3	3.5	3.3	4.7	1.8	2.0
1940–1945	5.4	7.4	5.5	8.3	4.8	9.0	6.5	7.5	5.5
1945–1950	7.2	5.2	8.8	8.0	8.2	2.6	8.9	4.7	7.1
1950–1955	2.6	2.5	2.8	2.8	2.9	2.4	2.3	4.7	2.6
1955–1960	2.5	2.2	2.1	.8	2.9	1.9	−.3	3.4	2.5
1960–1965	1.6	1.4	.5	.3	.6	1.1	.4	2.6	1.6
1965–1970	4.2	3.7	4.3	4.6	4.1	3.3	2.7	5.9	4.3
1970–1975	6.6	6.3	7.7	7.7	7.7	9.9	15.2	7.9	6.6
1976	5.2	5.1	5.5	7.4	4.8	3.8	3.3	6.6	5.2
1977	5.9	5.8	7.6	12.3	5.6	4.2	10.7	7.1	5.7
1978	7.4	7.0	8.9	12.8	7.5	6.6	4.2	7.5	7.6
1979	8.6	9.0	9.4	12.5	8.7	11.5	14.9	8.3	8.7
1980	9.2	10.2	8.4	9.0	9.0	10.6	17.6	11.0	9.4
1981	9.6	8.7	7.9	7.2	8.6	8.5	1.5	9.9	9.4
1982	6.0	5.9	3.2	3.1	3.6	2.2	−4.9	6.9	6.3
1983, prel	3.8	3.7	.3	2.1	−1.5	2.1	−2.8	5.7	3.9

[1] Gross private domestic fixed investment.

Source: U.S. Council of Economic Advisers, *Economic Report of the President*, February 1984. Data from U.S. Bureau of Economic Analysis.

No. 780. Indexes of Spot Primary Market Prices: 1970 to 1984

[1967=100. Index computed weekly through 1981; daily, beginning May 27, 1981. Represents unweighted geometric average of price quotations of 22 commodities. This index is much more sensitive to changes in market conditions than is a monthly producer price index]

ITEM AND NUMBER OF COMMODITIES	1970 (6-16)	1975 (6-24)	1976 (6-29)	1977 (6-28)	1978 (6-27)	1979 (6-26)	1980 (6-24)	1981 (5-26)	1982 (5-25)	1983 (5-23)	1984 (5-22)
All commodities (22)	**113.6**	**189.9**	**210.9**	**206.7**	**230.0**	**281.3**	**265.1**	**267.9**	**247.6**	**249.8**	**293.9**
Foodstuffs (9)	112.2	215.3	213.7	210.6	238.1	265.1	260.9	244.2	252.8	246.1	299.9
Raw industrials (13)	114.4	174.1	208.9	204.0	224.4	293.0	268.0	285.4	243.9	252.3	289.7
Livestock and products (5)	123.6	240.8	224.4	234.6	278.0	336.3	250.5	265.2	312.1	278.1	364.5
Metals (5)	125.2	166.8	215.4	203.0	220.6	332.8	257.9	287.3	218.2	225.9	253.4
Textiles and fibers (4)	99.9	158.8	181.4	170.1	173.6	192.2	234.7	243.0	206.6	208.0	248.1
Fats and oils (4)	128.6	213.6	208.3	235.7	253.5	289.4	229.5	238.7	255.7	225.9	363.5

Source: 1970-1981, U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly, thereafter, Commodity Research Bureau, Inc., Jersey City, NJ, *CRB Commodity Index Report*, weekly (copyright).

No. 781. Producer Price Indexes, by Stage of Processing: 1970 to 1984

[1967=100. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series E 73-86]

STAGE OF PROCESSING AND COMMODITY	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, June
Crude materials for further processing	**112.3**	**196.1**	**196.9**	**202.7**	**209.2**	**234.4**	**274.3**	**304.6**	**329.0**	**319.5**	**323.6**	**333.2**
Foodstuffs and feedstuffs	112.0	189.4	191.8	190.2	192.1	216.2	247.9	259.2	257.4	247.8	252.2	260.7
Nonfoods, exc. fuel	109.8	205.4	188.3	206.7	212.2	233.1	284.5	346.1	413.7	376.8	372.2	385.9
For manufacturing	109.6	212.8	192.4	211.6	216.8	238.2	292.7	357.4	429.4	387.2	381.9	395.7
For construction	113.9	135.1	151.1	161.2	170.6	185.7	207.0	237.6	261.8	270.3	270.6	281.7
Fuel	122.6	219.4	271.5	305.3	372.1	426.8	507.6	615.0	751.2	886.1	931.5	933.2
Manufacturing industries	116.9	197.4	252.1	300.1	384.6	446.2	549.6	690.5	864.9	1,034.8	1,094.5	1,095.5
Nonmanufacturing industries	130.2	248.4	297.2	317.1	370.9	421.1	485.0	567.0	674.0	782.2	816.3	818.6
Intermediate materials, supplies, components	**109.9**	**162.9**	**180.0**	**189.1**	**201.5**	**215.6**	**243.2**	**280.3**	**306.0**	**310.4**	**312.3**	**321.6**
Materials and components for manufacturing	110.0	162.2	178.7	185.4	195.4	208.7	234.4	265.7	286.1	289.8	293.4	303.1
Materials for—												
Food manufacturing	112.9	209.2	209.4	180.0	183.4	206.5	229.4	264.4	260.4	255.1	258.4	274.7
Nondurable manufacturing	103.8	155.2	174.7	184.2	190.0	196.7	222.8	259.5	285.8	284.4	280.0	292.6
Durable manufacturing	114.7	171.7	188.4	201.0	217.6	236.2	270.6	301.0	312.1	310.1	319.4	327.1
Components for manufacturing	111.1	139.9	158.3	166.6	176.8	189.6	207.5	231.8	259.3	273.9	280.4	286.9
Materials and components for construction	112.6	161.6	176.4	188.4	203.4	224.7	247.4	268.3	287.6	293.7	301.8	310.2
Processed fuels, lubricants	105.0	199.1	233.0	250.1	282.5	295.3	364.8	503.0	595.4	591.7	564.8	577.2
Containers	111.4	152.2	171.4	180.2	188.3	202.8	226.8	254.5	276.1	285.6	286.5	302.2
Supplies	108.0	154.5	168.1	179.0	188.7	198.5	218.2	244.5	263.8	272.1	277.1	283.8
For manufacturing industries	110.0	141.7	157.9	166.5	177.0	189.3	207.5	231.9	253.1	265.8	269.9	278.9
For nonmanuf. industries	107.2	161.1	173.4	185.5	194.8	203.3	223.8	251.1	269.6	275.7	281.1	286.7
Finished goods	**110.3**	**147.5**	**163.4**	**170.6**	**181.7**	**195.9**	**217.7**	**247.0**	**269.8**	**280.7**	**285.2**	**291.2**
Consumer goods	109.9	149.3	163.6	169.7	180.7	194.9	217.9	248.9	271.3	281.0	284.6	290.3
Foods	113.5	166.9	181.0	180.4	189.9	207.2	226.2	239.5	253.6	259.3	261.8	270.8
Crude foods	116.3	160.6	181.2	193.9	201.0	216.8	233.1	237.2	263.8	252.7	258.7	262.6
Processed foods	113.1	164.6	181.3	177.8	187.3	204.6	223.8	237.8	250.6	257.7	260.0	269.3
Other nondurable goods	108.3	146.8	163.0	174.8	189.3	200.0	231.3	263.9	319.6	333.6	335.3	339.6
Durable goods	106.9	126.3	136.2	144.5	152.8	166.9	183.2	206.2	218.6	226.7	233.1	236.5
Capital equipment	112.0	141.0	162.5	173.4	184.6	199.2	216.5	239.8	264.3	279.4	287.2	294.2
ANNUAL PERCENT CHANGE [1]												
Crude materials for further processing	**3.6**	**12.8**	**.4**	**2.9**	**3.2**	**12.0**	**17.0**	**11.0**	**8.0**	**–2.9**	**1.3**	**3.1**
Foodstuffs and feedstuffs	2.5	5.3	1.3	–.8	1.0	12.5	14.7	4.6	–.7	–3.7	1.8	3.4
Fuel	15.0	33.4	23.7	12.4	21.9	14.7	18.9	21.2	22.1	18.0	5.1	–.4
Intermediate materials, supplies, components	**3.9**	**23.8**	**10.5**	**5.1**	**6.6**	**7.0**	**12.8**	**15.3**	**9.2**	**1.4**	**.6**	**3.3**
Materials and components for—												
Manufacturing	4.0	27.0	10.2	3.7	5.4	6.8	12.3	13.4	7.7	1.3	1.2	3.7
Construction	1.6	16.2	9.2	6.8	8.0	10.5	10.1	8.4	7.2	2.1	2.8	2.6
Processed fuels, lubricants	6.6	51.4	17.0	7.3	13.0	4.5	23.5	37.9	18.4	–.6	–4.5	2.7
Finished goods	**3.5**	**15.3**	**10.8**	**4.4**	**6.5**	**7.8**	**11.1**	**13.5**	**9.2**	**4.0**	**1.6**	**2.2**
Consumer goods	3.1	15.6	9.6	3.7	6.5	7.9	11.8	14.2	9.0	3.6	1.3	2.0
Capital equipment	4.8	14.2	15.2	6.7	6.5	7.9	8.7	10.8	10.2	5.7	2.8	2.6

[1] For 1970, base year is 1969; for 1974, base year is 1973; thereafter change from prior year shown, except for 1983, change from June 1983 to June 1984.

No. 782. Producer Price Indexes—Major Commodity Groups: 1950 to 1984

[1967=100. Prior to 1961, excludes Alaska and Hawaii. See text, p. 465. See also *Historical Statistics, Colonial Times to 1970*, series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES	
				Total	Energy [1]
1950	81.8	106.7	83.4	78.0	87.1
1951	91.1	124.2	92.7	86.1	90.3
1952	88.6	117.2	91.6	84.1	90.1
1953	87.4	106.2	87.4	84.6	92.6
1954	*87.6*	*104.7*	*88.9*	*85.0*	*91.3*
1955	87.8	98.2	85.0	86.9	91.2
1956	90.7	96.9	84.9	90.8	94.0
1957	93.3	99.5	87.4	93.3	99.1
1958	94.6	103.9	91.8	93.6	95.3
1959	*94.8*	*97.5*	*89.4*	*95.3*	*95.3*
1960	94.9	97.2	89.5	95.3	96.1
1961	94.5	96.3	91.0	94.8	97.2
1962	94.8	98.0	91.9	94.8	96.7
1963	94.5	96.0	92.5	94.7	96.3
1964	*94.7*	*94.6*	*92.3*	*95.2*	*93.7*
1965	96.6	98.7	95.5	96.4	95.5
1966	99.8	105.9	101.2	98.5	97.8
1967	100.0	100.0	100.0	100.0	100.0
1968	102.5	102.5	102.2	102.5	98.9
1969	106.5	109.1	107.3	106.0	100.9
1970	110.4	111.0	112.1	111.0	106.2
1971	114.0	112.9	114.5	114.1	115.2
1972	119.1	125.0	120.8	117.9	118.6
1973	134.7	176.3	148.1	125.9	134.3
1974	160.1	187.7	170.9	153.8	208.3
1975	174.9	186.7	182.6	171.5	245.1
1976	183.0	191.0	178.0	182.4	265.6
1977	194.2	192.5	186.1	195.1	302.2
1978	209.3	212.5	202.6	209.4	322.5
1979	235.6	241.4	222.5	236.5	408.1
1980	268.8	249.4	241.2	274.8	574.0
1981	293.4	254.9	248.7	304.1	694.5
1982	299.3	242.4	251.5	312.3	693.2
1983	303.1	248.2	255.9	315.7	664.7
1984, June	311.4	257.1	264.8	323.9	667.9

[1] Fuels, related products, and power.

Source of tables 781 and 782: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 783. Producer Price Indexes, for Selected Commodities: 1970 to 1984

[1967=100, **except as noted.** See text, p. 465, and *Historical Statistics, Colonial Times to 1970*, series E 23–29]

COMMODITY GROUP	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, June
All commodities [1]	110.4	160.1	174.9	183.0	194.2	209.3	235.6	268.8	293.4	299.3	303.1	311.4
Farm products and processed foods and feeds	111.7	177.4	184.2	183.1	188.8	206.6	229.8	244.7	251.5	248.9	253.9	262.7
Farm products [1]	111.0	187.7	186.7	191.0	192.5	212.5	241.4	249.4	254.9	242.4	248.2	257.1
Fresh and dried fruits, vegetables	111.6	192.3	183.7	178.4	192.2	216.5	229.0	238.6	267.3	253.7	262.1	272.9
Grains	98.8	257.9	223.9	205.9	165.0	182.5	214.8	239.0	248.4	210.9	240.4	257.8
Livestock	116.7	170.6	187.9	173.3	173.0	220.1	260.3	252.7	248.0	257.8	243.1	250.0
Live poultry	99.5	157.4	189.8	166.9	175.4	199.8	194.3	202.1	201.2	191.9	206.5	227.7
Plant and animal fibers	90.2	193.9	153.1	233.9	202.3	193.4	209.9	271.1	242.0	202.9	227.0	252.7
Fluid milk	115.3	172.8	180.2	201.2	202.8	219.7	250.1	271.2	287.4	282.5	282.0	271.9
Eggs	126.8	160.6	159.8	179.1	162.0	158.6	176.5	171.0	187.1	178.7	(NA)	177.9
Hay, hayseeds, and oilseeds	99.4	228.6	200.2	210.4	234.2	215.8	244.3	247.1	274.1	212.8	246.8	272.4
Processed foods and feeds [1]	112.1	170.9	182.6	178.0	186.1	202.6	222.5	241.2	248.7	251.5	255.9	264.8
Cereal and bakery products	107.7	171.2	178.0	172.1	173.4	190.3	210.3	236.0	255.5	253.8	261.0	271.5
Meats, poultry, and fish	115.8	163.5	191.0	181.6	182.0	217.1	242.0	243.1	246.2	257.6	249.0	248.5
Dairy products	111.2	146.4	155.8	168.5	173.4	188.4	211.2	230.6	245.6	248.9	250.6	249.4
Processed fruits and vegetables	110.6	154.6	169.8	170.2	187.4	202.6	221.9	228.7	261.2	274.5	277.4	298.2
Sugar and confectionery	115.8	258.9	254.3	190.9	177.4	197.8	214.7	322.5	275.9	269.7	292.8	304.0
Beverages and beverage materials	113.0	140.7	162.4	173.5	201.0	200.0	210.7	233.0	248.0	256.9	263.6	271.7
Animal fats and oils	140.4	327.7	341.8	210.2	267.0	291.2	320.6	279.2	299.1	303.0	306.1	423.4
Crude vegetable oils	121.0	291.1	208.1	162.5	197.5	219.2	243.7	202.8	185.4	159.6	194.2	298.4
Shortening and cooking oils	111.9	224.8	211.5	174.2	198.1	209.4	223.5	233.2	238.0	234.4	254.7	329.5
Miscellaneous processed foods	113.1	158.6	178.4	174.7	190.0	199.0	216.5	227.2	250.1	248.6	254.8	278.4
Prepared animal feeds	103.7	184.1	172.1	194.4	204.6	197.4	219.4	226.8	230.2	211.3	228.8	225.5
Industrial commodities	110.0	153.8	171.5	182.4	195.1	209.4	236.5	274.8	304.1	312.3	315.7	323.9
Textile products and apparel	107.1	139.1	137.9	148.2	154.0	159.8	168.7	183.5	199.7	204.6	205.1	210.3
Synthetic fibers [2]	(NA)	(NA)	(NA)	102.4	107.3	109.6	119.0	134.7	156.3	162.1	156.7	160.5
Processed yarns, threads [2]				99.5	100.9	102.4	109.2	122.5	138.0	138.3	138.5	143.8
Gray fabrics [2]				106.1	104.7	118.6	127.1	138.1	146.8	145.3	147.0	154.3
Finished fabrics [2]				101.1	103.7	103.8	107.4	115.7	125.2	124.6	123.1	127.2
Apparel	110.8	129.5	133.4	139.9	147.3	152.4	160.4	172.4	186.0	194.4	197.4	200.7
Textile housefurnishings	103.5	143.1	151.9	159.3	171.3	178.6	190.4	206.9	226.7	238.5	235.1	239.3
Hides, skins, leather, related products [1]	110.3	145.1	148.5	167.8	179.3	200.0	252.4	248.9	260.9	262.6	271.1	290.3
Cattle hides	106.6	193.1	181.5	273.8	300.9	390.1	593.8	366.8	366.3	350.7	385.1	529.2
Leather	107.7	154.3	151.5	188.1	201.0	238.6	356.7	310.6	319.8	311.4	330.7	383.5
Footwear	113.3	140.0	147.8	158.9	168.7	183.0	218.0	233.1	240.9	245.0	250.1	250.3
Fuels, related products, power	106.2	208.3	245.1	265.6	302.2	322.5	408.1	574.0	694.5	693.2	664.7	667.9
Coal	150.3	332.4	385.8	368.7	389.4	430.0	450.9	467.3	497.2	534.7	537.4	543.3
Coke oven products	127.4	247.7	330.8	346.8	379.4	411.8	429.2	430.6	456.4	461.7	444.6	441.9
Gas fuels	103.6	162.2	216.7	286.8	387.8	428.7	544.1	760.7	939.4	1,060.8	1,146.9	1,122.1
Electric power	105.9	163.1	193.4	207.6	232.9	250.6	270.2	321.6	367.2	406.5	417.9	446.5
Crude petroleum, domestic	106.1	211.8	245.7	256.6	274.2	300.1	376.5	556.4	803.5	733.4	681.4	673.7
Petroleum products, refined	101.0	223.4	257.5	276.6	308.2	321.0	444.8	674.7	805.9	761.2	684.3	681.1
Chemicals and allied products [1]	102.2	146.8	161.3	187.2	192.6	198.8	222.3	260.3	287.6	292.3	293.0	302.5
Industrial chemicals	100.9	151.7	206.9	219.3	223.9	225.6	264.0	324.0	363.3	352.6	342.9	345.5
Prepared paint	112.4	145.7	166.9	174.4	182.4	192.3	204.4	235.3	249.8	262.8	264.7	270.8
Paint materials	101.4	152.3	177.2	189.8	205.9	212.7	241.2	273.9	300.1	304.6	305.8	337.1
Drugs and pharmaceuticals	101.2	112.7	126.6	134.0	140.5	148.1	159.4	174.5	193.5	210.1	226.1	238.7
Fats and oils, inedible	132.8	338.2	255.2	249.9	279.0	315.8	376.6	298.0	295.6	267.1	285.6	414.2
Agricultural chemicals and products	88.5	137.7	203.6	188.3	187.8	198.4	214.4	257.1	285.0	292.4	280.5	286.4
Plastic resins and materials	90.6	143.8	180.9	194.0	197.5	199.8	235.9	279.2	289.2	283.4	291.5	310.8
Rubber and plastic products [1]	108.3	136.2	150.2	159.2	167.6	174.8	194.3	217.4	232.6	241.4	243.2	247.3
Crude rubber	101.6	139.4	145.6	161.0	171.7	187.2	221.4	264.3	281.8	278.9	280.8	277.1
Tires and tubes	109.0	133.4	148.5	161.5	169.6	179.2	205.9	236.9	250.6	255.2	245.3	243.5
Miscellaneous rubber products	113.3	140.8	155.9	163.9	176.6	189.6	206.4	226.6	251.4	276.9	284.8	289.1
Plastic construction products [3]	97.2	118.9	123.9	127.2	133.2	136.4	147.5	154.2	154.8	148.5	163.6	173.0
Laminated plastic sheets, high pressure [4]	(NA)	116.3	124.6	131.1	141.1	146.4	158.8	173.7	188.8	186.2	179.3	190.0
Lumber and wood products	113.6	183.6	176.9	205.6	236.3	276.0	300.4	288.9	292.8	284.7	307.1	307.1
Lumber	113.7	207.1	192.5	233.0	276.5	322.4	354.3	325.8	325.1	310.8	352.6	351.5
Millwork	116.0	157.1	160.4	176.9	193.7	235.4	254.3	260.4	273.4	279.4	302.3	305.2
Plywood	108.4	161.1	161.2	187.0	212.2	235.6	250.5	246.5	245.7	232.1	244.1	236.3
Other wood products	117.3	166.6	161.9	166.2	184.3	211.8	235.4	249.2	239.1	236.2	230.6	234.9
Pulp, paper, and allied products	108.2	151.7	170.4	179.4	186.4	195.6	219.0	249.2	273.8	288.7	298.1	317.6
Pulp, paper, and products, except building paper and board	108.5	152.8	171.9	180.8	187.3	195.6	220.2	250.6	270.8	273.2	271.4	293.3
Woodpulp	109.6	217.8	283.4	286.0	281.1	266.5	314.3	380.3	397.1	379.0	346.9	407.6
Wastepaper	125.0	265.5	110.2	184.9	187.2	191.2	206.6	208.7	175.7	121.1	(NA)	257.3
Paper	111.0	148.6	172.9	182.3	194.3	206.1	229.6	256.8	279.8	286.3	282.0	301.4
Paperboard	101.1	152.2	170.3	176.0	176.2	179.6	202.1	234.6	258.1	254.9	250.9	279.1
Converted paper and paperboard products	107.9	144.9	161.8	170.0	176.6	186.5	209.9	238.5	258.8	264.4	265.3	280.8
Building paper and board	101.0	123.5	127.1	138.7	157.0	187.4	182.4	206.2	231.7	239.5	250.0	265.1

See footnotes at end of table.

No. 783. Producer Price Indexes, for Selected Commodities: 1970 to 1984—Continued

[1967=100, except as noted. See headnote, p. 470]

COMMODITY GROUP	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, June
Metals and metal products	116.6	171.9	185.6	195.9	209.0	227.1	259.3	286.4	300.4	301.6	307.2	317.2
Iron and steel	115.1	178.6	200.9	215.9	230.4	253.6	283.5	305.2	333.8	339.0	343.4	356.8
Steel mill products	114.2	170.0	197.2	209.8	229.9	254.5	280.4	302.7	337.6	349.5	352.8	365.4
Nonferrous metals	124.7	187.1	171.6	181.6	195.4	207.8	216.7	305.0	285.8	263.6	276.1	282.9
Metal containers	112.6	164.7	192.1	202.2	218.2	243.4	269.2	298.6	315.6	328.5	335.4	348.2
Hardware	111.5	140.7	163.0	173.1	185.4	200.4	218.7	240.5	263.2	280.3	290.7	295.0
Plumbing fixtures, brass fittings	111.2	149.1	162.3	174.1	186.6	199.1	217.1	246.7	267.5	278.7	289.3	302.0
Heating equipment	110.6	135.0	150.7	158.0	165.5	174.4	187.1	206.7	224.2	237.2	243.6	251.3
Fabricated structural metal products	112.0	161.2	189.0	193.8	206.7	226.4	248.9	270.5	295.5	304.8	303.5	311.1
Miscellaneous metal products	114.3	157.3	181.1	186.9	196.2	212.0	231.4	250.5	270.5	282.3	283.6	294.5
Machinery and equipment	111.4	139.4	161.4	171.0	181.7	196.1	213.9	239.8	263.3	278.8	286.4	293.1
Agricultural	113.2	143.8	168.6	183.0	197.9	213.1	232.1	259.2	288.3	311.1	326.3	336.8
Construction	115.9	152.3	185.2	198.9	213.5	232.9	256.2	289.4	320.8	343.9	351.9	358.1
Metalworking	114.1	146.9	171.6	187.2	198.5	217.8	241.3	274.4	301.3	320.9	326.5	333.3
General purpose	113.7	151.2	178.5	189.8	201.8	216.6	236.4	264.6	288.7	304.0	308.2	313.6
Special industry	115.7	151.0	175.0	188.4	202.7	223.0	247.0	275.8	307.9	325.1	337.1	348.8
Electrical	106.4	125.0	140.7	146.7	154.1	164.9	178.9	201.7	220.2	231.6	240.1	248.4
Miscellaneous	112.8	139.5	162.3	171.9	180.7	194.7	208.9	229.9	252.6	268.4	274.1	275.7
Furniture and household durables[1]	107.5	127.9	139.7	171.9	151.5	160.4	171.3	187.7	198.5	206.9	214.0	219.2
Household furniture	111.7	136.6	146.3	153.6	162.2	173.5	186.3	204.8	219.2	229.8	234.7	242.3
Commercial furniture	114.5	152.4	166.7	173.5	185.9	201.5	221.8	236.0	257.5	275.5	286.3	297.0
Floor coverings	99.4	115.4	124.9	131.4	136.4	141.6	147.9	163.0	178.7	181.2	185.4	191.6
Household appliances	105.3	117.9	132.3	139.2	145.1	153.0	160.9	174.2	187.3	199.1	206.9	211.1
Home electronic equipment	93.3	93.1	93.5	91.3	87.7	90.2	91.1	91.4	89.2	88.1	86.1	83.7
Nonmetallic mineral products[1]	112.9	153.2	174.0	186.3	200.5	222.8	248.6	283.0	309.5	320.2	325.2	338.4
Flat glass	115.6	128.8	139.2	150.0	160.8	172.8	183.9	196.5	212.6	221.5	229.7	227.3
Concrete ingredients	112.6	148.7	172.3	186.7	199.0	217.7	244.0	274.0	296.3	310.0	313.3	326.3
Concrete products	112.2	151.7	170.5	180.1	191.8	214.0	244.1	273.9	291.2	297.8	302.0	310.0
Structural clay products	109.9	135.2	151.2	163.5	179.8	197.2	217.9	231.5	249.8	260.8	277.8	285.6
Refractories	120.9	143.5	166.0	184.0	199.5	216.5	236.5	264.6	302.4	337.1	341.3	362.9
Asphalt roofing	102.7	196.0	225.9	238.3	253.0	292.0	325.3	396.8	407.5	398.4	384.0	392.3
Gypsum products	99.7	137.6	144.0	154.4	183.5	229.1	252.3	256.3	256.2	256.1	286.0	360.3
Glass containers	120.4	155.5	179.7	195.4	214.2	244.4	261.1	292.7	328.7	355.5	352.4	366.0
Transportation equipment[1,5]	104.6	125.5	141.5	151.1	161.3	173.5	188.1	207.0	235.4	249.7	256.7	262.6
Motor vehicles and equipment	108.7	129.2	144.6	153.6	163.7	176.0	190.5	208.8	237.6	251.3	256.8	261.4
Motor vehicles	107.3	125.5	137.5	146.4	155.7	167.7	181.6	197.7	216.6	227.1	232.5	237.8
Railroad equipment	115.1	163.8	201.2	216.7	233.5	252.8	277.3	313.1	336.1	346.5	350.2	361.2
Miscellaneous products[1]	109.6	133.1	147.7	216.7	233.5	252.8	208.7	258.8	265.7	276.4	269.6	295.6
Toys, sporting goods, small arms, etc	109.3	132.3	146.0	150.0	155.2	163.2	176.2	198.6	211.9	221.5	225.2	226.4
Tobacco products	113.6	132.8	149.6	163.0	179.8	198.5	217.8	245.7	268.3	323.1	365.4	400.2
Notions	108.4	137.4	151.0	162.3	172.4	182.0	191.8	217.2	259.8	277.0	280.1	283.9
Photographic equipment and supplies	104.9	116.8	130.6	136.2	139.9	145.7	153.7	202.9	210.0	210.4	215.7	213.5

NA Not available. [1] Includes other product groups, not shown separately. [2] Dec. 1975=100. [3] Dec. 1969=100. [4] Dec. 1970=100. [5] Dec. 1968=100.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 784. Producer Price Indexes—Annual Percent Change in Selected Commodity Groups: 1972 to 1984

[Minus sign (–) indicates decrease]

COMMODITY GROUP	1972[1]	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984[2]
All commodities	4.5	13.1	18.9	9.2	4.6	6.1	7.8	12.6	14.1	9.2	2.0	1.3	3.0
Farm products	10.7	41.0	6.5	–.5	2.3	.8	10.4	13.6	3.3	2.2	–4.9	2.4	3.9
Processed foods, feeds	5.7	22.6	15.4	6.8	–2.5	4.6	8.9	9.6	8.4	3.1	1.1	1.7	4.1
Textile products, apparel	4.6	9.0	12.4	–.9	7.5	3.9	3.8	5.6	8.8	8.8	2.5	.2	2.7
Hides, skins, leather, related products	15.2	9.0	1.4	2.3	13.0	6.9	11.5	26.2	–1.4	4.8	.7	3.2	7.0
Fuels, related products, power	3.9	13.2	55.1	17.7	8.4	13.8	6.7	26.5	40.7	21.0	–.2	–4.1	.4
Chemicals, allied products	–	5.6	33.5	23.5	3.3	3.0	3.1	11.8	17.1	10.5	1.6	.2	4.0
Rubber and plastic products	.1	2.8	21.2	10.3	6.0	5.3	4.3	11.2	11.9	7.0	3.8	.7	1.7
Lumber and wood products	13.6	22.8	3.6	–3.6	16.2	14.9	16.8	8.8	–3.8	1.3	–2.8	7.9	–2.4
Pulp, paper, and allied products	3.0	7.7	24.2	12.3	5.3	3.9	4.9	12.0	13.8	9.9	5.4	3.3	6.9
Metals and metal products	3.8	7.5	29.4	8.0	5.5	6.7	8.7	14.2	10.5	4.9	.4	1.9	3.6
Machinery and equipment	2.1	3.2	14.5	15.8	5.9	6.3	7.9	9.1	12.1	9.8	5.9	2.7	2.4
Furniture and household durables	1.4	3.4	11.0	9.2	4.2	4.1	5.9	6.8	9.6	5.8	4.2	3.4	2.4
Nonmetallic mineral products	3.0	3.3	17.7	13.6	7.1	7.6	11.1	11.6	13.8	9.4	3.5	1.6	4.3
Transportation equipment	3.1	1.2	9.0	12.7	6.8	6.8	7.6	8.4	10.0	13.7	9.8	2.8	2.5

– Represents zero. [1] Change from 1971. [2] Change from June 1983 to June 1984.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 785. Producer Prices of Selected Commodities: 1970 to 1982

[In dollars per unit. Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970,* series E 123–134, for selected items]

COMMODITY	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982, Jan.–May, avg.
Farm products:										
Wheat, hard winter, No. 1, Kansas City	Bu	1.48	3.81	3.34	2.53	3.17	3.98	4.30	4.33	4.30
Steers, choice	100 lb	30.04	44.36	39.27	40.28	52.26	67.69	67.20	63.84	66.50
Cotton, raw	Lb	.25	.45	.68	.61	.58	[1].63	.82	.72	.60
Wool, combing and staple	Lb	1.03	1.49	[1]1.82	1.83	1.90	2.16	(NA)	(NA)	(NA)
Eggs, large	Doz	.43	.62	.70	.63	.62	.69	.67	.73	.74
Corn, No. 2 yellow, Chicago	Bu	1.37	2.90	2.70	2.21	2.56	2.91	3.32	3.16	2.67
Sugar, raw cane	100 lb	8.09	23.00	13.49	10.69	13.84	15.27	30.06	19.84	17.96
Processed foods:										
Flour, Kansas City	100 lb	5.57	9.37	[2]8.31	6.23	7.48	9.27	10.08	10.34	(NA)
Sugar, granulated (excl. excise tax)	5 lb	(NA)	1.67	1.03	.92	1.09	1.17	2.16	1.64	(NA)
Coffee, tin	Lb	.95	1.30	2.01	3.52	2.89	2.78	2.93	(NA)	(NA)
Lard, 1 and 2 lb. prints	Lb	.17	.36	.24	.24	.34	.40	.37	(NA)	(NA)
Beef, choice	100 lb	48.93	74.93	83.96	85.03	83.12	103.01	106.79	(NA)	(NA)
Lamb, choice	100 lb	(NA)	84.45	102.15	107.29	126.05	133.53	133.30	(NA)	(NA)
Shrimp, fresh processed	Lb	(NA)	2.69	3.63	3.40	3.61	[2]5.16	4.53	(NA)	(NA)
Salmon, No. 1, tall can	Case/48	(NA)	69.92	69.00	68.50	65.17	67.59	77.74	84.87	(NA)
Haddock, unprocessed	100 lb	(NA)	54.46	58.79	68.79	57.33	64.68	66.27	68.76	93.01
Textile products:										
Polyester/cotton yarns, 18's	Lb	(NA)	(NA)	1.40	1.40	1.39	1.41	1.74	1.80	1.70
Polyester twill, textured	Yd	(NA)	(NA)	1.78	1.42	1.46	1.39	1.40	(NA)	(NA)
Hides, leather, and shoes:										
Cattlehides, packer, heavy native[3]	Lb	.13	.23	.34	.37	.47	.73	.46	(NA)	(NA)
Lamb garment leather	Sq. ft	.39	.72	[2].76	.92	1.05	[2]1.40	1.18	(NA)	(NA)
Oxfords, Goodyear leather upper, sole	Pair	13.49	16.84	17.93	19.00	20.77	25.85	(NA)	(NA)	(NA)
Fuels, related products, power:										
Electric Power, E. No. Central	200,000 kWh	(NA)	5,281	5,675	6,276	6,989	7,661	8,834	9,962	10,660
Gasoline, unleaded[4]	Gal	(NA)	(NA)	(NA)	(NA)	.47	.64	.98	1.12	1.04
Gasoline, regular[4]	Gal	(NA)	.35	.39	.42	.44	.60	.93	1.07	.98
Gasoline, premium[4]	Gal	(NA)	(NA)	.42	.45	.48	.65	.99	1.14	1.08
Distillate fuel oil, No. 2, to resellers	Gal	(NA)	.29	.31	.36	.37	.53	.78	1.00	.94
Chemicals and allied products:										
Aspirin	Lb	.58	1.00	1.08	1.14	1.20	1.28	1.43	1.65	(NA)
Paint, outside	Gal	[2]5.67	9.56	9.41	9.47	9.91	10.61	12.22	(NA)	(NA)
Paint, inside, latex	Gal	(NA)	6.57	6.82	7.19	7.61	7.88	8.99	(NA)	10.16
Rubber and rubber products:										
Natural rubber, No. 1 ribbed[5]	Lb	.21	.30	.40	.42	.50	.64	.73	.57	.47
Synthetic rubber, neoprene, GN type	Lb	.43	.64	.69	.70	.77	.82	.97	(NA)	(NA)
Lumber and wood products:										
Softwood plywood, interior	1,000 sq. ft	(NA)	139	145	163	192	201	191	(NA)	(NA)
Redwood boards, clear, f.g. dry	M. bd. ft	(NA)	506	505	603	805	979	1,036	(NA)	(NA)
Maple, No. 1, common	M. bd. ft	(NA)	230	230	274	308	351	354	(NA)	(NA)
Southern pine, finish, C and better	M. bd. ft	(NA)	317	342	396	499	547	564	(NA)	(NA)
Pulp, paper, and allied products:										
Woodpulp, sulphate, bleached[6]	Ton	131	336	338	331	307	368	452	473	478
Book paper, No. 3 uncoated	100 lb	21.57	24.25	25.28	26.68	29.58	33.63	37.53	(NA)	(NA)
Liner, 100 lb. test	1,000 sq. ft	2.55	4.32	4.39	4.29	4.31	4.94	5.81	(NA)	(NA)
Toilet tissue	Case	9.07	15.62	[1]16.86	18.20	19.52	21.78	25.00	(NA)	(NA)
Metal and metal products:										
Iron ore, Mesabi	Long ton	10.78	17.83	19.38	20.95	21.55	22.43	26.56	29.18	(NA)
Iron and steel scrap, No. 1 heavy melting[7]	Long ton	42.04	70.92	79.13	66.96	78.29	101.48	96.17	100.51	81.90
Steel rails, standard[8]	100 lb	6.80	12.72	14.17	15.17	16.90	18.80	21.35	23.70	(NA)
Domestic copper, cathode	Lb	(NA)	.64	.69	.66	(NA)	.91	(NA)	(NA)	(NA)
Red brass ingot	Lb	.56	.65	.70	.70	.73	.93	1.07	(NA)	(NA)
Aluminum sheet	Lb	(NA)	1.00	1.07	1.17	1.40	1.71	1.78	1.92	(NA)
Nails, wire, 8d, common	50 lb	(NA)	10.67	10.74	11.52	12.06	13.16	14.63	15.85	(NA)
Nonmetallic mineral products:										
Brick, building	1,000	(NA)	56.09	62.76	72.32	82.68	92.80	99.04	116.52	118.78
Glass, window, single B	50 sq. ft	6.60	8.93	9.02	9.76	10.84	(NA)	12.16	(NA)	(NA)
Shingles, asphalt roofing, strip	Square	(NA)	13.24	14.04	14.95	17.52	[2]19.20	22.66	20.88	19.98
Miscellaneous:										
Cigarettes, filter tip, king size[9]	1,000	5.86	7.75	8.45	9.42	10.43	11.44	12.93	14.20	15.90
Soybean meal	Ton	79.08	123.65	161.54	190.58	172.54	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] 10-month average. [2] 11-month average. [3] Steer. [4] Dealer tankwagon. [5] Smoked sheets. [6] Softwood. [7] Consumers' buying price, including brokerage, delivered, Pittsburgh district. [8] Standard, carbon steel, No. 1 open hearth, 115 lb. per linear yard, control cooled, f.o.b. mill. [9] Excludes excise tax.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly and annual.

No. 786. Average Prices (Unit Values)—Selected Commodities Exported and Imported: 1970 to 1983

[**In dollars per unit.** Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports by annual quantities. Values of goods exported represent those at port of export. For 1970, values of goods imported represent market values in country from which imported; transaction values f.a.s. (free alongside ship) at port of export through 1981; and customs value beginning in 1982. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of packing, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of Commodity Credit Corporation sales for export]

COMMODITY	Unit	1970	1975	1978	1979	1980	1981	1982	1983
EXPORTS									
Wheat	Bushel	1.58	4.54	3.46	4.29	4.85	4.86	4.46	4.41
Milled rice, less than 75% broken kernels	Lb	.079	.189	.181	.180	.197	.240	.189	.188
Corn	Bushel	1.45	3.36	2.64	2.99	3.41	3.68	2.91	3.40
Grain sorghums	Bushel	1.32	3.05	2.60	2.87	3.34	3.65	2.92	3.36
Wheat flour	100 lb	3.85	10.34	8.83	11.01	12.17	12.75	11.26	6.89
Leaf tobacco, flue-cured, unstemmed	Lb	.921	1.46	1.97	2.06	2.11	2.40	2.62	2.70
Cigarettes	1,000	5.45	7.38	10.08	11.40	12.87	14.88	16.78	18.55
Soybeans	Bushel	2.80	6.24	6.08	7.43	7.35	7.71	6.64	7.09
Synthetic rubber, "s" type[1]	Lb	.177	.283	.377	.418	.402	.473	.457	.439
Woodpulp, special alpha and dissolving grades	Sh. ton	187.40	296.97	402.44	448.78	511.57	534.96	518.93	503.64
Cotton, upland, staple 1" to 1⅛"	Lb	.259	.542	.298	.670	.706	.805	.637	.688
Cotton, upland, staple, 1⅛" and over	Lb	.308	.601	.321	.754	.817	.872	.741	.745
Bituminous coal	Sh. ton	13.40	49.23	50.32	51.37	40.37	52.67	56.39	49.29
Steel scrap, No. 1, heavy melting	Sh. ton	43.37	84.53	74.50	100.05	102.20	87.84	73.85	74.45
Tallow, inedible	Lb	.087	.162	.202	.245	.218	.213	.195	.183
Soybean oil, crude	Lb	.122	.332	.268	.291	.269	.240	.216	.222
Carbon steel sheets, cold rolled	Lb	.077	.175	.160	.170	.184	.227	.245	.236
Polyethylene resin	Lb	.134	.257	.262	.368	.423	.401	.340	.341
Styrene, polymer, and copolymer resins	Lb	.193	.343	.452	.501	.576	.645	.662	.668
Container board liners	Lb	.062	.126	.112	.132	.156	.167	.144	.128
Nylon yarn, incl. monofilaments	Lb	.953	1.15	1.33	1.43	1.41	1.57	1.54	1.49
Carbon black, furnace	Lb	.090	.167	.294	.306	.331	.419	.524	.584
Copper, refined, crude forms	Lb	.671	.654	.637	.790	.974	.806	.680	.739
Aluminum metal and alloys	Lb	.263	.361	.531	.659	.807	.822	.751	.890
IMPORTS									
Canned beef	Lb	.425	.724	.768	1.11	1.44	1.45	1.15	1.14
Cashew nuts	Lb	.599	.846	1.34	1.46	2.02	2.30	1.61	1.59
Raw sugar	Lb	.070	.245	.086	.101	.223	.212	.153	.176
Coffee (Brazil)	Lb	.474	.679	1.81	1.55	1.87	1.56	1.25	1.24
Coffee (Colombia)	Lb	.535	.683	1.83	1.53	1.70	1.37	1.40	1.29
Cocoa (cacao beans, Africa)	Lb	.352	.670	1.37	1.57	1.26	.854	.815	.732
Tea (Sri Lanka)	Lb	.390	.582	.871	.841	.858	.814	.764	.980
Whisky, containers of 1 gal. or less (U.K.)	Proof gal	7.48	8.22	10.18	11.17	13.58	16.25	16.78	16.33
Whisky, containers of 1 gal. or less (Canada)	Proof gal	6.70	7.60	8.68	8.71	9.99	11.89	12.94	13.06
Cigarette leaf, unstemmed	Lb	.568	1.03	1.19	1.24	1.27	1.24	1.43	1.54
Goat and kid skins, dry	Lb	1.06	1.26	2.56	2.83	5.10	2.51	2.26	2.33
Crude rubber, except milk	Lb	.189	.238	.403	.529	.588	.512	.367	.423
Sawed lumber, fir	Mil. bd. ft	71.13	137.64	218.29	253.50	255.12	195.40	170.18	212.01
Sawed lumber, spruce	Mil. bd. ft	73.98	132.55	206.27	222.58	192.25	187.26	163.15	194.55
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades	Sh. ton	142.90	323.72	296.12	363.72	443.79	464.60	449.18	416.88
Woodpulp, sulphate, bleached	Sh. ton	143.68	353.41	287.60	346.41	431.74	419.30	377.23	336.61
Apparel wool, 60's and finer[2]	Lb	.879	1.59	1.68	1.80	1.70	1.93	1.78	1.57
Iron ore (Canada)	Ton	12.42	22.15	28.89	30.18	33.61	37.72	38.82	36.44
Iron ore (Venezuela)	Ton	8.33	15.64	17.65	19.21	22.48	27.76	33.64	34.97
Manganese ore, metallurgical grade[3]	Lb	.020	.050	.059	.055	.069	.070	.086	.056
Bauxite, crude	Ton	10.91	20.67	27.74	26.78	27.81	28.81	33.14	29.17
Copper ores and concentrates[3]	Lb	.617	.566	.581	.800	.700	.728	.557	.485
Crude petroleum[4] (Venezuela)	Bbl	2.30	11.66	12.81	17.18	27.64	33.54	33.84	27.78
Newsprint	Sh. ton	140.11	244.10	280.80	321.50	368.98	411.50	420.88	398.52
Jute burlap	Lb	.230	.294	.288	.350	.379	.378	.482	.470
Concrete reinforcement bars	Lb	.051	.092	.093	.140	.150	.146	.123	.094
Steel tubes and pipes, at least .065" thick, 9/8" diameter	Lb	.075	.208	.138	.204	.233	.300	.306	2.04
Copper, refined (Chile)[3]	Lb	.630	.531	.576	.848	.986	.786	.664	.708
Nickel in pigs, ingots, shot, etc.	Lb	1.30	1.88	1.93	2.34	3.17	3.08	2.81	2.33
Tin bars, blocks, pigs, etc. (Malaysia)	Lb	1.66	3.35	5.52	6.65	7.75	6.67	5.89	6.00

[1] Excludes latex (liquid). [2] Clean content. [3] Metal content. [4] Testing 25° API or more.

Source: U.S. Bureau of the Census, *U.S. Exports, Schedule B Commodity, By Country*, Report FT 446, annual; and *U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country*, Report FT 246, annual.

No. 787. Import Price Indexes—Selected Commodities: 1979 to 1984

[Index values are given for the **June quarter** of each year. Indexes are weighted by the 1980 Tariff Schedule of the United States Annotated, a scheme for describing and reporting product composition and value of U.S. imports. Import prices are based on U.S. dollar prices paid by importer. Prices are f.o.b. (free on board) foreign port or c.i.f. (cost, insurance and freight) U.S. port transaction prices, as indicated]

COMMODITY	Unit	1979	1980	1981	1982	1983	1984
All commodities	Sept. 1982=100	(NA)	(NA)	(NA)	(NA)	97.2	98.3
Food	Sept. 1977=100	100.8	104.4	97.8	91.5	97.9	103.5
Meat	June 1977=100	160.0	139.4	142.4	141.6	137.9	133.8
Fish	June 1977=100	121.8	124.4	134.8	135.8	133.9	134.2
Grain and grain preparations	Sept. 1977=100	118.0	131.1	138.1	137.4	131.0	134.8
Fruits and vegetables	June 1977=100	92.1	100.2	126.5	111.9	132.0	135.9
Sugar, sugar preparations and honey	March 1982=100	(NA)	(NA)	(NA)	82.7	117.2	120.3
Coffee, tea, cocoa	June 1977=100	72.0	67.9	47.6	50.0	52.6	62.4
Beverages and tobacco	June 1977=100	121.0	136.3	147.7	153.0	153.8	156.2
Crude materials	Sept. 1983=100	(NA)	(NA)	(NA)	(NA)	(NA)	96.2
Cork and wood	Sept. 1981=100	(NA)	(NA)	(NA)	95.7	124.2	103.2
Crude petroleum	June 1977=100	135.2	244.0	267.6	253.8	219.7	218.5
Fats and oils	Sept. 1983=100	(NA)	(NA)	(NA)	(NA)	(NA)	141.8
Chemicals	Sept. 1982=100	(NA)	(NA)	(NA)	(NA)	100.0	100.7
Intermediate manufactured products	Dec. 1977=100	125.6	141.9	143.4	137.6	136.2	139.6
Leather and furskins	June 1977=100	145.9	141.6	139.2	135.8	136.6	145.3
Rubber manufactures	June 1977=100	118.8	138.3	147.2	148.7	142.6	140.8
Cork and wood manufactures	June 1977=100	126.0	130.1	134.9	126.9	134.3	131.0
Paper and paperboard	June 1977=100	115.2	132.6	141.6	149.9	142.6	150.4
Textile fabrics	June 1977=100	118.9	132.8	135.5	130.3	128.0	130.1
Iron and steel	Sept. 1978=100	110.3	119.4	130.6	127.9	114.8	123.8
Non-ferrous metals	Dec. 1981=100	(NA)	(NA)	(NA)	87.4	97.2	96.3
Metal manufactures, n.e.s.[1]	June 1977=100	118.6	123.9	127.7	125.1	119.3	120.5
Machinery and transport equipment	June 1981=100	(NA)	(NA)	100.0	103.2	104.3	104.1
Misc. manufactured articles	March 1980=100	(NA)	99.1	101.4	100.1	100.4	101.5
Plumbing, heating and lighting fixtures	June 1980=100	(NA)	100.0	101.8	104.6	107.3	112.0
Furniture and parts	June 1980=100	(NA)	100.0	98.4	101.1	98.2	96.0
Clothing	Sept. 1977=100	112.2	118.4	125.3	128.5	125.1	132.5
Professional, scientific and controlling instruments and apparatus	Dec. 1979=100	(NA)	104.6	105.4	104.7	99.4	97.8
Photographic apparatus and supplies, optical goods, watches and clocks	March 1980=100	(NA)	101.6	102.0	95.7	91.5	92.8

NA Not available. [1] N.e.s.=not elsewhere specified.

Source: U.S. Bureau of Labor Statistics, *News*, quarterly.

No. 788. Export Price Indexes—Selected Commodities: 1979 to 1984

[Index values are given for **June quarter** of each year. Indexes are weighted by 1980 export values according to the Schedule B *classification system of the U.S. Bureau of the Census. Prices used in these indexes were collected from a sample of U.S.* manufacturers of exports and are f.o.b. (free on board) factory transaction prices, except as noted]

COMMODITY	Unit	1979	1980	1981	1982	1983	1984
All commodities	Sept. 1983=100	(NA)	(NA)	(NA)	(NA)	(NA)	101.5
Food	March 1983=100	(NA)	(NA)	(NA)	(NA)	105.1	109.6
Grain and grain preparations	March 1980=100	(NA)	93.9	110.9	93.4	103.5	107.4
Beverages and tobacco	*June 1983=100*	(NA)	(NA)	(NA)	(NA)	100.0	101.9
Crude materials	June 1983=100	(NA)	(NA)	(NA)	(NA)	100.0	118.3
Cork and wood	June 1977=100	142.5	155.5	136.5	134.4	127.3	129.7
Textile fibers	June 1977=100	99.9	112.9	125.2	106.1	111.3	125.6
Fuels and related products	Sept. 1983=100	(NA)	(NA)	(NA)	(NA)	(NA)	99.7
Bituminous coal f.a.s.[1]	*June 1981=100*	(NA)	(NA)	100.0	105.0	90.3	87.3
Fats and oils	June 1983=100	(NA)	(NA)	(NA)	(NA)	100.0	164.5
Chemicals	March 1983=100	(NA)	(NA)	(NA)	(NA)	96.4	99.7
Hydrocarbons and derivatives f.a.s.[1]	Dec. 1978=100	138.2	176.5	181.1	154.0	146.2	149.1
Intermediate manufactured products	Sept. 1981=100	(NA)	(NA)	100.0	97.7	100.5	101.5
Leather and furskins	Sept. 1979=100	(NA)	80.4	80.3	69.7	67.2	81.2
Rubber manufactures	June 1977=100	111.4	123.4	138.1	146.2	144.8	147.5
Paper and paperboard products	June 1978=100	112.2	130.4	141.7	139.5	135.8	154.7
Machinery and transport equipment [2]	Dec. 1978=100	103.5	112.8	123.2	132.6	135.3	139.4
Power generating machinery and equipment	Dec. 1978=100	104.3	118.6	135.4	149.0	152.5	156.9
Machinery specialized for particular industries	Sept. 1978=100	106.2	119.8	134.4	145.9	148.9	152.8
Metalworking machinery	June 1978=100	109.2	120.8	134.1	146.1	148.4	151.2
General industrial machinery and parts	*Sept. 1978=100*	106.1	117.3	131.3	142.6	145.0	149.0
Office machines and ADP equipment	June 1977=100	100.8	100.8	105.7	105.0	103.6	101.5
Telecommunications, sound recording and reproducing equipment	June 1977=100	108.8	117.8	121.4	128.2	131.1	132.3
Electric machinery and equipment	June 1977=100	94.6	100.3	103.0	108.6	108.5	112.6
Road vehicles and parts	March 1980=100	(NA)	103.3	112.1	121.2	125.6	131.2
Misc. manufactured articles	Sept. 1983=100	(NA)	(NA)	(NA)	(NA)	(NA)	100.4
Professional, scientific and controlling instruments and apparatus	June 1977=100	116.9	128.0	144.9	160.7	169.8	172.0
Photographic apparatus, optical goods, watches and clocks	Dec. 1977=100	105.9	130.5	128.7	132.7	129.8	131.3

NA Not available. [1] F.a.s.=free alongside ship. [2] Excludes military and commercial aircraft.

Source: U.S. Bureau of Labor Statistics, *News*, quarterly.

No. 789. Consumer Price Indexes, by Major Groups: 1950 to 1984

[1967=100. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hawaii. Beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, p. 466 for details regarding other periods. See also *Historical Statistics, Colonial Times to 1970*, series E 135-173]

YEAR	All items	Food	Rent, residential	Home ownership	Home purchase	Fuel oil and coal [1]	Gas and electricity	Apparel and upkeep	TRANSPORTATION		Medical care	All commodities	All services
									Private	Public			
1950	72.1	74.5	70.4	(NA)	(NA)	72.7	81.2	79.0	72.5	48.9	53.7	78.8	58.7
1951	77.8	82.8	73.2	(NA)	(NA)	76.5	81.5	86.1	75.8	54.0	56.3	85.9	61.8
1952	79.5	84.3	76.2	(NA)	(NA)	78.0	82.6	85.3	80.8	57.5	59.3	87.0	64.5
1953	80.1	83.0	80.3	75.0	86.5	81.5	84.2	84.6	82.4	61.3	61.4	86.7	67.3
1954	80.5	82.8	83.2	76.3	87.1	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955	80.2	81.6	84.3	77.0	87.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.9
1956	81.4	82.2	85.9	78.3	87.6	85.9	88.4	85.8	80.1	70.0	67.2	85.9	72.7
1957	84.3	84.9	87.5	81.7	90.0	90.3	89.3	87.3	84.7	72.7	69.9	88.6	75.6
1958	86.6	88.5	89.1	83.5	91.3	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1959	87.3	87.1	90.4	84.4	91.3	89.8	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960	88.7	88.0	91.7	86.3	91.8	89.2	98.6	89.6	90.6	81.0	79.1	91.5	83.5
1961	89.6	89.1	92.9	86.9	92.3	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962	90.6	89.9	94.0	87.9	93.2	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.8
1963	91.7	91.2	95.0	89.0	94.2	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964	92.9	92.4	95.9	90.8	95.7	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.2
1965	94.5	94.4	96.9	92.7	97.0	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966	97.2	99.1	98.2	96.3	98.6	97.0	99.6	96.1	97.5	95.2	93.4	98.2	95.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	102.4	105.7	102.8	103.1	100.9	105.4	103.0	104.6	106.1	103.7	105.2
1969	109.8	108.9	105.7	116.0	109.5	105.6	102.8	111.5	106.5	112.7	113.4	108.4	112.5
1970	116.3	114.9	110.1	128.5	118.3	110.1	107.3	116.1	111.1	128.5	120.6	113.5	121.6
1971	121.3	118.4	115.2	133.7	124.8	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.4
1972	125.3	123.5	119.2	140.1	130.0	118.5	120.5	122.3	117.5	143.4	132.5	120.9	133.3
1973	133.1	141.4	124.3	146.7	132.7	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.1
1974	147.7	161.7	130.6	163.2	142.7	214.6	145.8	136.2	136.6	148.0	150.5	145.5	152.1
1975	161.2	175.4	137.3	181.7	160.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976	170.5	180.8	144.7	191.7	168.4	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180.4
1977	181.5	192.2	153.5	204.9	179.5	283.4	213.4	154.2	176.6	182.4	202.4	174.7	194.3
1978	195.4	211.4	164.0	227.2	196.7	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.9
1979	217.4	234.5	176.0	262.4	223.1	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.2
1980	246.8	254.6	191.6	314.0	254.3	556.0	301.8	178.4	249.2	251.6	265.9	239.9	270.3
1981	272.4	274.6	208.2	352.7	267.7	675.9	345.9	186.9	277.5	312.0	294.5	253.6	305.7
1982	289.1	285.7	224.0	376.8	281.6	667.9	393.8	191.8	287.5	346.0	328.7	263.8	333.3
1983	298.4	291.7	236.9	(NA)	(NA)	628.0	428.7	196.5	293.9	362.6	357.3	271.5	344.9
1984, June	310.7	302.0	248.4	(NA)	(NA)	646.0	450.6	197.4	308.1	385.2	378.0	280.6	361.9

NA Not available. [1] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Handbook of Labor Statistics*, annual.

No. 790. Consumer Price Indexes—Annual Percent Change in Major Groups: 1971 to 1984

[See headnote, table 789. See also table 791 for base figures. Minus sign (−) indicates decrease]

ALL ITEMS	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 [1]
All items	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2	4.2
Food	3.0	4.3	14.5	14.4	8.5	3.1	6.3	10.0	10.9	8.6	7.9	4.0	2.1	3.4
Housing:														
Rent, residential	4.6	3.5	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.9	8.7	7.6	5.8	5.3
Home ownership	4.1	4.8	4.7	11.3	11.3	5.6	6.9	10.9	15.5	19.7	12.3	6.8	(NA)	(NA)
Home purchase	5.5	4.2	2.1	7.5	12.3	5.1	6.6	9.6	13.4	14.0	5.3	5.2	(NA)	(NA)
Mortgage interest	−8.9	−2.4	4.9	13.8	1.4	−.8	−1.7	5.9	12.7	18.6	16.2	3.4	(NA)	(NA)
Fuel oil and coal [2]	6.7	.9	14.8	57.8	9.7	6.6	13.0	5.3	35.1	37.9	21.6	−1.2	−6.0	4.2
Gas and electricity	6.9	5.1	4.9	15.3	16.3	11.4	12.9	9.0	10.8	17.1	14.6	13.8	8.9	3.0
Apparel and upkeep	3.2	2.1	3.7	7.4	4.5	3.7	4.5	3.5	4.4	7.1	4.8	2.6	2.5	.9
Private transportation	5.0	.8	3.4	12.4	9.7	9.9	7.3	4.8	14.8	17.4	11.4	3.6	2.2	4.9
Automobiles, new	4.1	−.9	.1	5.8	8.6	6.3	5.3	7.6	7.9	8.0	6.1	3.8	2.5	2.8
Gasoline	.7	1.2	9.8	35.4	6.8	4.2	5.8	4.3	35.3	39.0	11.3	−5.3	−3.3	−2.9
Auto insurance rates	11.4	−.4	−1.8	.1	5.6	28.8	12.0	2.9	5.6	8.2	4.7	6.4	9.8	7.7
Public transportation	7.2	4.1	1.0	2.2	7.2	9.8	4.7	3.0	6.7	25.6	24.0	10.9	4.8	6.6
Intercity bus fare	12.1	5.6	4.0	10.5	15.5	5.9	13.5	7.5	8.2	14.3	14.4	8.5	9.1	5.5
Medical care	6.5	3.2	3.9	9.3	12.0	9.5	9.6	8.4	9.3	10.9	10.8	11.6	8.7	6.4
Entertainment	5.3	2.9	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.9	7.8	6.5	4.3	3.7
Personal care	3.2	2.6	4.5	9.7	9.8	6.5	6.5	6.5	7.6	8.8	8.9	7.0	5.2	3.7
All services	5.6	3.8	4.4	9.3	9.5	8.3	7.7	8.5	11.0	15.4	13.1	9.0	3.5	5.2
All commodities	3.4	3.0	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.2	8.4	4.0	2.9	3.3

NA Not available. [1] Change from June 1983 to June 1984. [2] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 791. Consumer Price Indexes for Selected Items and Groups: 1970 to 1984

[1967=100 except as noted. Annual averages of monthly figures, except as indicated. See headnote, table 789]

COMMODITY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, June
All items	**116.3**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**	**289.1**	**298.4**	**310.7**
Food and beverages	**114.7**	**172.1**	**177.4**	**188.0**	**206.3**	**228.5**	**248.0**	**267.3**	**278.2**	**284.4**	**294.3**
Food	114.9	175.4	180.8	192.2	211.4	234.5	254.6	274.6	285.7	291.7	302.0
Food at home	113.7	175.8	179.5	190.2	210.2	232.9	251.5	269.9	279.2	282.2	291.4
Cereals and bakery products	108.9	184.8	180.6	183.5	199.9	220.1	246.4	271.1	283.4	292.5	304.9
Meats, poultry, fish, eggs	117.3	176.4	178.9	177.5	204.3	234.2	242.2	252.8	262.1	261.0	263.9
Dairy products	111.8	156.6	169.3	173.9	185.6	207.1	227.4	249.6	247.0	250.0	251.7
Fruits and vegetables	113.4	171.0	175.4	191.6	212.9	230.0	246.7	276.3	291.4	292.2	318.1
Sugar and sweets	115.1	246.2	218.2	229.4	257.5	277.6	341.3	368.3	367.5	374.4	391.2
Fats and oils	105.8	198.6	173.7	191.4	209.6	226.3	241.2	267.1	259.6	263.1	265.4
Nonalcoholic beverages	117.4	178.9	214.0	322.4	340.8	357.6	395.8	412.6	424.2	432.2	442.3
Other prepared foods	109.4	163.0	169.4	175.4	189.4	208.5	231.1	254.9	268.1	276.5	286.3
Food away from home	119.9	174.3	186.1	200.3	218.4	242.9	267.0	291.0	306.5	319.9	333.1
Alcoholic beverages	112.3	142.1	146.8	150.9	159.8	172.4	186.3	199.5	208.5	216.5	222.4
Housing [1]	**118.2**	**164.5**	**174.6**	**186.5**	**202.8**	**227.6**	**263.3**	**293.5**	**314.7**	**323.1**	**336.2**
Shelter	123.6	169.7	179.0	191.1	210.4	239.7	281.7	314.7	337.0	344.8	360.2
Renter's costs [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	103.0	108.2
Rent	110.1	137.3	144.7	153.5	164.0	176.0	191.6	208.2	224.0	236.9	248.4
Maintenance and repairs	124.0	167.6	199.6	214.7	233.0	256.4	285.7	314.4	334.1	346.3	358.9
Homeowners' costs [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	102.5	106.8
Fuel and other utilities	107.6	167.8	182.7	202.2	216.0	239.3	278.6	319.2	350.8	370.3	390.0
Fuel oil, coal, and bottled gas	110.1	235.3	250.8	283.4	298.3	403.1	556.0	675.9	667.9	628.0	646.0
Fuel oil	109.3	230.6	247.2	280.2	296.9	416.8	579.7	709.2	693.9	637.7	656.2
Gas (piped) and electricity	107.3	169.6	189.0	213.4	232.6	257.8	301.6	345.9	393.8	428.7	450.6
Electricity	106.2	167.0	177.6	189.3	203.4	219.1	253.4	291.5	320.3	330.3	358.6
Household furnishings and operation [3]	111.5	151.0	160.1	167.5	177.7	190.3	205.4	221.3	233.2	238.5	242.3
Housefurnishings [1]	109.3	137.4	142.9	147.6	154.3	163.1	174.2	185.2	193.8	197.5	199.1
Apparel and upkeep [4]	**116.1**	**142.3**	**147.6**	**154.2**	**159.6**	**166.6**	**178.4**	**186.9**	**191.8**	**196.5**	**197.4**
Apparel commodities	116.5	141.2	145.8	151.6	155.7	161.1	171.1	177.7	181.0	184.5	184.0
Apparel commodities [5]	116.3	140.6	144.9	150.6	154.2	158.5	167.8	174.0	177.0	180.8	179.8
Men's and boys'	117.1	142.2	147.2	154.0	157.3	160.8	168.4	177.5	183.9	188.9	190.3
Women's and girls'	116.0	138.1	141.9	146.4	149.3	151.9	155.1	157.5	159.1	161.9	157.9
Footwear	117.7	144.2	149.9	156.9	163.8	176.7	190.3	200.4	205.5	206.9	209.6
Transportation	**112.7**	**150.6**	**165.5**	**177.2**	**185.5**	**212.0**	**249.7**	**280.0**	**291.5**	**298.4**	**313.1**
Private	111.1	149.8	164.6	176.6	185.0	212.3	249.2	277.5	287.5	293.9	308.1
Automobiles, new	107.6	127.6	135.7	142.9	153.8	166.0	179.3	190.2	197.5	202.4	207.2
Automobiles, used	104.3	146.4	167.9	182.8	186.5	201.0	208.1	256.9	296.4	329.7	382.0
Gasoline	105.6	170.8	177.9	188.2	196.3	265.6	369.1	410.9	389.3	376.3	374.9
Auto insurance rates	126.7	145.9	187.9	210.5	216.6	228.7	247.4	259.0	275.7	302.7	324.2
Public	128.5	158.6	174.2	182.4	187.8	200.3	251.6	312.0	346.0	362.6	385.2
Intracity mass transit	134.5	155.5	173.3	178.5	181.8	189.8	217.6	274.8	310.9	322.1	346.5
Intercity bus fare	118.4	186.0	196.9	223.5	240.2	260.0	297.1	339.8	368.8	402.2	426.2
Airline fares	118.5	159.0	172.2	182.0	190.6	205.8	284.8	358.4	395.0	417.8	442.0
Medical care	**120.6**	**168.6**	**184.7**	**202.4**	**219.4**	**239.7**	**265.9**	**294.5**	**328.7**	**357.3**	**378.0**
Prescription drugs	101.2	109.3	115.2	122.1	131.6	141.8	154.8	172.5	192.7	213.8	233.5
Physicians' services	121.4	169.4	188.5	208.0	223.1	243.6	269.3	299.0	327.1	352.3	377.1
Dental services	119.4	161.9	172.2	185.1	198.1	214.8	240.2	263.3	283.6	302.7	326.2
Hospital room	145.4	236.1	268.6	299.5	332.4	370.3	418.9	481.1	556.7	619.7	662.0
Entertainment	**116.7**	**152.2**	**159.8**	**167.7**	**176.6**	**188.5**	**205.3**	**221.4**	**235.8**	**246.0**	**254.5**
Entertainment commodities	113.5	152.1	160.4	168.8	177.7	189.3	208.2	225.2	239.0	248.9	252.4
Newspapers	119.4	174.5	182.1	192.2	200.4	213.7	238.2	262.6	283.5	302.4	313.3
Entertainment services	121.0	152.4	159.0	166.2	175.4	187.6	201.6	216.3	231.8	245.3	258.1
Other goods and services [1]	**116.8**	**153.9**	**162.7**	**172.2**	**183.3**	**196.7**	**214.5**	**235.7**	**259.9**	**288.3**	**304.4**
Tobacco products	121.2	153.9	160.5	168.2	177.3	187.9	202.6	218.9	243.5	291.0	308.1
Personal care	113.2	150.7	160.5	170.9	182.0	195.8	213.1	232.0	248.3	261.1	270.6
Toilet goods [6]	110.4	150.0	158.5	167.5	176.6	188.7	206.1	227.2	246.1	260.6	268.5
Personal care services	116.0	151.4	162.5	174.4	187.3	202.7	219.9	237.0	251.2	262.5	273.4
Personal and educational expenses	118.2	162.4	173.1	184.1	198.0	213.8	236.2	265.8	301.0	333.3	357.9
All services	**121.6**	**166.6**	**180.4**	**194.3**	**210.9**	**234.2**	**270.3**	**305.7**	**333.3**	**344.9**	**361.9**
Services less rent	123.7	171.9	186.8	201.6	219.4	244.9	285.1	324.3	354.2	(NA)	(NA)
Household services [1]	126.4	183.6	197.2	212.4	234.7	267.2	319.1	368.8	402.4	(NA)	(NA)
Transportation services	123.1	152.7	174.3	188.4	197.4	212.8	242.6	271.6	294.4	303.6	319.6
Medical care services	124.2	179.1	197.1	216.7	235.4	256.3	287.4	318.2	356.0	387.0	408.4
Other services [1]	117.3	153.1	162.3	172.5	184.7	199.8	218.7	239.2	259.9	278.0	293.6
All commodities	**113.5**	**158.4**	**165.2**	**174.7**	**187.1**	**208.4**	**233.9**	**253.6**	**263.8**	**271.5**	**280.6**
Durable	111.8	145.5	154.3	163.2	173.9	191.1	210.4	227.1	241.1	253.0	267.8
Nondurable	114.0	163.2	169.2	178.9	192.0	215.9	245.0	266.3	273.6	279.0	286.0
All commodities less food	**112.5**	**149.1**	**156.6**	**165.1**	**174.7**	**195.1**	**222.0**	**241.2**	**250.9**	**259.0**	**267.4**
Nondurables less food	113.1	151.7	158.3	166.5	174.3	198.7	235.2	257.5	261.6	268.3	270.5
Nondurables less food, apparel	111.2	157.9	165.7	175.3	185.0	218.2	267.1	296.6	301.1	306.4	312.9

NA Not available. [1] Household services less rent. Index series underwent a change in definition effective with the 1978 revision; therefore, these data differ from those previously published. [2] Dec. 1982=100. See text, page 466. [3] Includes *housekeeping supplies and services.* [4] Includes *apparel services.* [5] Except *footwear.* [6] Includes personal care appliances.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Consumer Price Indexes, Detailed Report,* monthly.

No. 792. Annual Percent Changes in Consumer Prices, United States and OECD Countries: 1970 to 1983

[Covers member countries of Organization for Economic Cooperation and Development (OECD). For consumer price indexes for OECD countries, see Section 33]

COUNTRY	1970–1975, avg.	1975–1980, avg.	1980–1983, avg.	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
United States	6.7	8.9	6.5	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2
OECD, total	8.5	9.6	7.8	7.8	13.4	11.3	8.6	8.8	7.9	9.8	12.9	10.5	7.8	5.3
OECD, Europe	9.6	11.3	10.3	8.6	13.3	13.2	10.9	11.1	9.3	10.6	14.3	12.1	10.5	8.2
Australia	10.2	10.6	10.3	9.5	15.1	15.1	13.5	12.3	7.9	9.1	10.2	9.7	11.2	10.0
Canada	7.3	8.7	9.7	7.6	10.8	10.8	7.5	8.0	9.0	9.1	10.1	12.5	10.8	5.9
Japan	11.5	6.5	3.1	11.7	24.5	11.8	9.3	8.1	3.8	3.6	8.0	4.9	2.7	1.9
New Zealand	10.2	14.8	12.9	8.2	11.1	14.7	16.9	14.3	12.0	13.8	17.1	15.4	16.1	7.4
Austria	7.3	5.3	5.2	7.6	9.5	8.4	7.3	5.5	3.6	3.7	6.4	6.8	5.4	3.3
Belgium	8.4	6.4	8.0	7.0	12.7	12.8	9.2	7.1	4.5	4.5	6.6	7.6	8.7	7.7
Denmark	9.3	10.4	9.6	9.3	15.3	9.6	9.0	11.1	10.0	9.6	12.3	11.7	10.1	6.9
Finland	11.7	10.7	10.0	10.7	16.9	17.9	14.4	12.2	7.8	7.5	11.6	12.0	9.3	8.5
France	8.8	10.4	11.8	7.3	13.7	11.8	9.6	9.4	9.1	10.8	13.6	13.4	11.8	9.6
Germany, Fed. Rep. of	6.1	4.1	4.7	6.9	7.0	6.0	4.5	3.7	2.7	4.1	5.5	5.9	5.3	3.0
Greece	12.3	16.3	22.0	15.5	26.9	13.4	13.3	12.1	12.6	19.0	24.9	24.5	21.0	20.5
Ireland	13.3	14.1	15.9	11.4	17.0	20.9	18.0	13.6	7.6	13.3	18.2	20.4	17.1	10.5
Italy	11.3	16.6	16.3	10.8	19.1	17.0	16.8	18.4	12.1	14.8	21.2	19.5	16.6	14.8
Luxembourg	7.2	6.1	7.7	6.1	9.5	10.7	9.8	6.7	3.1	4.5	6.3	8.1	9.4	8.7
Netherlands	8.6	6.0	5.1	8.0	9.6	10.2	8.8	6.4	4.1	4.2	6.5	6.7	6.0	2.8
Norway	8.4	8.4	11.1	7.5	9.4	11.7	9.1	9.1	8.1	4.8	10.9	13.6	11.3	8.4
Portugal [1]	15.4	21.8	22.6	11.5	29.2	20.4	19.3	27.2	22.5	23.9	16.6	20.0	22.4	25.5
Spain	12.1	18.6	13.7	11.4	15.7	16.9	17.7	24.5	19.8	15.7	15.5	14.6	14.4	12.1
Sweden	8.0	10.5	9.9	6.7	9.9	9.8	10.3	11.4	10.0	7.2	13.7	12.1	8.6	8.9
Switzerland	7.7	2.3	5.0	8.7	9.8	6.7	1.7	1.3	1.1	3.6	4.0	6.5	5.6	3.0
Turkey [1]	18.6	50.1	33.0	14.0	23.9	21.2	17.4	26.0	61.9	63.5	94.3	37.6	32.7	28.8
United Kingdom	13.0	14.4	8.3	9.2	16.0	24.2	16.5	15.8	8.3	13.4	18.0	11.9	8.6	4.6

[1] Excludes rent.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators*, monthly.

No. 793. Consumer Price Indexes for All Urban Consumers—U.S. Regions: 1973 to 1984

[**December 1977 = 100.** For composition of regions, see fig. I, inside front cover]

REGION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, June
All items:												
Northeast	73.3	81.4	87.9	92.9	98.1	104.3	114.7	129.4	143.3	150.8	157.1	164.0
Midwest	71.5	79.3	86.2	91.2	97.4	105.3	118.2	134.0	146.6	157.0	162.6	168.5
South	70.3	78.8	86.5	91.3	97.4	105.4	117.4	132.9	147.2	156.6	161.7	168.0
West	69.7	77.1	85.1	90.2	96.9	105.1	117.3	134.6	148.5	157.5	160.0	167.4
Food:												
Northeast	72.5	83.1	89.8	92.8	98.0	107.2	118.0	128.6	138.9	144.8	147.8	153.4
Midwest	72.2	82.8	88.6	92.0	97.9	108.0	119.8	130.0	139.4	144.1	145.9	150.5
South	71.8	80.9	89.8	92.0	98.0	107.9	120.1	130.4	140.7	146.1	149.5	155.3
West	71.0	81.1	88.3	90.2	97.1	108.0	120.2	130.2	141.0	147.7	152.3	157.4
Housing:												
Northeast	(NA)	(NA)	(NA)	(NA)	(NA)	104.3	115.2	132.3	148.7	158.9	163.6	170.8
Midwest	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	121.1	140.0	153.5	168.4	175.4	181.1
South	(NA)	(NA)	(NA)	(NA)	(NA)	106.0	119.0	136.8	153.2	165.1	168.7	174.4
West	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.8	138.5	154.1	163.7	163.4	172.4
Population-size class:												
Less than 75,000	(NA)	(NA)	(NA)	(NA)	(NA)	104.9	116.6	131.3	144.8	156.0	160.7	166.8
75,000 to 384,999	(NA)	(NA)	(NA)	(NA)	(NA)	105.4	117.8	133.1	146.4	155.7	160.1	166.3
385,000 to 1,249,999	(NA)	(NA)	(NA)	(NA)	(NA)	105.2	117.8	134.0	148.6	156.9	161.6	168.5
1,250,000 to 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.2	133.5	147.8	157.4	162.9	169.7
Over 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	115.4	131.1	143.8	152.1	157.4	164.1
ANNUAL PERCENT CHANGE												
All items:												
Northeast	[1] 6.4	11.1	8.0	5.7	5.6	6.3	10.0	12.7	10.7	5.2	4.2	[2] 4.7
Midwest	[1] 5.9	10.9	8.7	5.8	6.8	8.1	12.3	13.3	9.4	7.1	3.6	[2] 3.7
South	[1] 6.5	12.1	9.8	5.5	6.7	8.2	11.4	13.3	10.8	6.4	3.3	[2] 4.0
West	[1] 5.8	10.6	10.4	6.0	7.4	8.5	11.6	14.8	10.3	6.1	1.6	[2] 4.5

NA Not available. [1] Change from 1972 [2] Change from June 1983 to June 1984.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and in *Consumer Price Indexes.*

NO. 794. CONSUMER PRICE INDEXES—SELECTED CITIES OR SMSA'S: 1970 TO 1983

[1967=100, **except as noted.** Annual averages of monthly figures. For coverage details, see headnote, table 789, and text, p. 466. Area is generally the standard metropolitan statistical area (SMSA), *exclusive of* farms. Los Angeles-Long Beach, Anaheim, CA is a combination of two SMSA's, and New York, NY-Northeastern NJ, and Chicago, IL-Northwestern IN are the more extensive standard consolidated areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, CO which does not include Douglas County. Definitions do not include revisions made since 1973]

CITY/SMSA	ALL ITEMS									
	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
City average[1]	**116.3**	**133.1**	**147.7**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**
Anchorage, AK[2]	(NA)	120.8	133.9	152.3	164.1	175.0	187.5	207.0	228.2	246.5
Atlanta, GA	116.5	133.7	148.5	161.7	169.2	179.6	192.6	212.7	242.3	272.0
Baltimore, MD	117.0	134.9	152.4	165.2	173.9	185.9	199.6	218.2	250.3	273.6
Boston, MA	116.7	134.7	148.7	162.1	174.5	183.4	193.1	212.9	240.0	266.7
Buffalo, NY	116.1	134.8	149.5	161.8	170.6	181.7	193.0	211.3	235.6	257.6
Chicago, IL-Northwestern IN	116.3	132.0	146.1	157.6	165.1	175.6	190.7	214.6	245.5	269.0
Cincinnati, OH-KY-IN	115.7	132.1	146.3	160.3	170.1	182.2	199.1	223.8	254.0	272.1
Cleveland, OH	119.3	134.1	147.8	160.9	169.0	180.5	193.9	219.5	252.9	279.3
Dallas-Fort Worth, TX	117.8	132.0	145.3	158.2	167.7	180.2	194.0	218.6	255.6	284.9
Denver-Boulder, CO	(NA)	131.9	146.5	161.3	170.3	184.7	202.1	233.5	261.5	290.8
Detroit, MI	117.4	134.5	149.0	160.1	168.8	180.4	194.1	218.8	253.5	277.1
Honolulu, HI	114.2	128.3	141.9	155.0	162.8	171.0	184.1	204.6	228.5	252.4
Houston, TX	116.8	132.3	147.8	164.9	177.3	190.2	208.2	235.7	265.4	291.9
Kansas City, MO-KS	115.8	130.3	144.2	157.9	166.5	176.3	191.8	219.2	248.1	268.6
Los Angeles-Long Beach-Anaheim, CA	114.3	129.2	142.5	157.6	168.0	179.6	192.8	213.7	247.3	271.4
Miami, FL[3]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	114.8	130.8	145.8
Milwaukee, WI	115.8	131.5	144.1	157.0	167.1	177.9	192.3	218.8	251.5	280.1
Minneapolis-St. Paul, MN-WI	117.5	133.0	148.3	160.9	170.9	183.0	199.7	222.6	247.8	278.3
New York, NY-Northeast NJ	119.0	139.7	154.8	166.6	176.3	185.5	196.1	213.1	237.2	260.5
Northeast PA	116.3	134.7	151.1	164.7	170.9	179.9	191.9	210.7	237.1	264.1
Philadelphia, PA-NJ	117.8	135.5	151.6	164.2	172.4	183.5	194.3	213.6	241.4	266.0
Pittsburgh, PA	116.4	132.9	147.3	160.0	168.3	179.8	195.5	217.3	247.2	272.5
Portland, OR-WA	113.2	127.3	142.8	156.5	167.0	180.2	198.4	225.4	255.4	278.2
St. Louis, MO-IL	115.2	129.3	142.2	156.1	165.1	176.6	191.5	215.8	244.9	267.5
San Diego, CA	115.3	132.5	147.2	160.8	170.7	182.0	200.1	233.1	268.5	304.6
San Francisco-Oakland, CA	115.8	131.5	144.4	159.1	168.0	180.8	197.8	214.6	247.3	279.0
Seattle-Everett, WA	114.0	127.5	141.5	155.8	164.5	177.6	194.8	216.3	252.1	278.7
Washington, DC-MD-VA	117.6	135.0	150.0	161.6	171.1	183.0	197.0	218.6	244.7	267.3

	1982, all items	1983							
		All items	Food and beverages	Housing	Fuel and other utilities	Apparel and upkeep	Transportation	Medical care	Entertainment
City average[1]	**289.1**	**298.4**	**284.4**	**323.1**	**370.3**	**196.5**	**298.4**	**357.3**	**246.0**
Anchorage, AK[2]	260.1	264.8	291.2	261.4	247.2	201.8	269.2	359.2	259.7
Atlanta, GA	289.5	301.3	290.5	333.8	330.0	194.6	282.1	356.5	201.8
Baltimore, MD	285.8	298.8	282.4	329.9	346.4	211.7	291.2	337.6	243.7
Boston, MA	277.7	290.0	265.2	307.9	378.3	214.7	323.7	328.4	250.3
Buffalo, NY	267.2	284.5	278.5	303.6	496.1	221.7	278.2	293.4	250.4
Chicago, IL-Northwestern IN	287.4	298.6	273.6	332.5	339.3	165.5	295.2	361.4	259.3
Cincinnati, OH-KY-IN	293.5	312.0	298.8	341.9	414.1	223.8	278.0	375.3	232.6
Cleveland, OH	301.2	324.3	289.0	363.2	405.6	193.5	293.5	402.0	241.5
Dallas-Fort Worth, TX	301.3	312.6	295.1	347.4	350.4	204.8	298.3	357.9	248.2
Denver-Boulder, CO	317.0	335.1	287.9	411.6	344.9	184.4	301.4	340.1	279.4
Detroit, MI	288.3	296.5	270.0	327.7	402.6	166.6	293.7	365.5	221.4
Honolulu, HI	267.6	273.5	296.0	257.5	339.9	207.7	253.7	357.6	257.6
Houston, TX	312.2	320.6	314.3	355.9	455.2	236.3	274.9	406.5	266.8
Kansas City, MO-KS	282.0	298.4	280.6	322.4	383.1	215.1	287.0	372.4	230.6
Los Angeles-Long Beach-Anaheim, CA	287.6	292.7	280.9	314.9	322.4	171.7	305.7	381.8	213.5
Miami, FL[3]	155.8	161.0	152.9	164.6	153.7	133.9	172.9	174.5	129.0
Milwaukee, WI	296.3	309.5	275.4	347.4	413.3	222.3	301.1	349.6	256.8
Minneapolis-St. Paul, MN-WI	306.2	312.6	288.9	362.1	387.0	191.4	279.0	329.4	271.3
New York, NY-Northeast NJ	275.6	288.6	285.4	300.5	390.8	184.7	317.8	352.4	254.3
Northeast PA	273.8	283.6	269.2	301.7	450.5	196.5	285.2	363.1	231.6
Philadelphia, PA-NJ	279.0	287.1	291.2	294.3	369.3	181.4	304.7	376.3	233.7
Pittsburgh, PA	288.0	308.4	289.8	343.9	355.8	197.6	315.7	375.7	245.8
Portland, OR-WA	287.0	290.1	284.0	300.1	372.5	195.4	288.7	363.0	233.6
St. Louis, MO-IL	286.9	297.2	284.0	326.8	330.9	192.3	281.3	339.6	241.7
San Diego, CA	325.3	334.6	295.6	404.1	344.6	201.5	296.4	335.6	241.1
San Francisco-Oakland, CA	300.0	302.5	283.2	334.9	359.5	201.9	301.5	348.2	236.5
Seattle-Everett, WA	297.8	302.8	279.3	335.6	359.7	193.8	280.1	346.8	248.5
Washington, DC-MD-VA	281.9	294.7	295.4	306.9	349.0	206.7	291.0	375.8	226.6

NA Not available. [1] Based on 56 urban areas and 85 areas beginning 1978. Includes medium and small sized cities, not shown separately. 1970–1978, excludes Portland. [2] October 1967=100. [3] November 1977=100.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and in *Consumer Price Indexes, Detailed Report*, monthly.

No. 795. Selected Mineral Products—Average Prices: 1972 to 1983

[Represents average price except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M96, 139, 148, 209, 248, and 262]

MINERAL	Unit	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Aluminum [1]	Cents/lb	26.3	25.3	34.1	39.8	44.5	51.6	54.0	61.0	71.6	76.0	76.0	77.8
Bituminous coal [2]	Dol./sh.ton	7.66	8.53	15.75	19.23	19.43	19.82	21.76	23.65	24.52	26.29	27.14	28.00
Cobalt: [3] Low	Dol./lb	2.45	3.00	3.46	3.98	4.44	5.58	6.40	24.58	25.00	19.73	12.90	12.50
High								20.00					
Copper, electrolytic	Cents/lb	51.2	59.5	77.3	64.2	69.6	66.8	66.5	93.3	102.4	85.1	74.3	79.3
Gold	Dol/fine oz	59	98	160	161	125	148	194	308	613	460	376	424
Iron ore, pellets [4]	Cents/lg.ton	28.0	29.4	40.6	47.2	53.1	55.5	60.9	58.4	65.4	71.9	77.2	77.6
Lead (NY)	Cents/lb	15.0	16.3	22.5	21.5	23.1	30.7	33.7	52.6	42.5	36.5	25.5	21.7
Natural gas [2 5]	Dol./1,000 cu.ft	.19	.22	.30	.45	.58	.79	.91	1.18	1.60	1.98	2.46	2.62
Nickel [6]	Dol./lb	1.53	1.53	2.01	2.20	2.20	2.41	2.10	3.20	3.45	3.45	2.60	2.35
Petroleum, crude [2]	Dol./bbl	3.39	3.89	6.87	7.67	8.19	8.57	9.00	12.64	21.59	31.77	28.52	26.19
Platinum [7]	Dol./troy oz	121	150	181	164	162	162	237	352	439	475	475	475
Silver	Dol./fine oz	1.69	2.56	4.71	4.42	4.35	4.62	5.40	11.09	20.63	10.52	7.95	11.44
Tungsten concentrate [8]	Dol./lb	2.56	2.71	4.77	5.30	6.35	9.15	8.22	8.40	8.38	7.96	6.35	4.70
Zinc [9]	Cents/lb	17.8	20.7	36.0	39.0	37.1	34.4	31.0	37.3	37.4	44.6	38.5	41.4

[1] 99.5 percent primary aluminum ingot. [2] Avg. value at point of production; includes Alaska. Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review*. [3] Weighted average based on the market price quoted by a major U.S. cobalt dealer, otherwise based on range of prices. [4] Lower Great Lakes Ports. Prices as of end of year per long ton unit of contained iron, natural, delivered by rail or vessel, Lake Superior ore. [5] Average value of marketed production. [6] Peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, includes U.S. duty f.o.b. Port Colborne, Ontario. [7] Producer prices. [8] Avg. value of shipments. [9] Delivered price.

Source: 1972–1974 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook* and *Mineral Commodity Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook*.

No. 796. Commodity Research Bureau Futures Price Index: 1972 to 1984

[1967=100. Index computed daily, Represents unweighted geometric average of commodity futures prices (through 12 months forward) of 27 major commodity futures markets. Represents closing price]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
All commodities	**135.9**	**200.6**	**203.5**	**191.0**	**204.7**	**200.3**	**227.6**	**281.5**	**308.5**	**254.9**	**234.0**	**249.1**	**255.2**
Imported	185.4	238.4	274.1	259.4	348.1	334.8	345.0	425.3	426.0	357.0	269.0	322.4	321.8
Industrial	122.8	170.7	132.1	154.8	173.6	175.0	222.1	354.8	324.6	249.2	249.9	277.6	227.4
Grains	137.5	228.9	240.2	195.6	192.5	179.0	187.8	251.9	312.1	251.3	215.1	226.7	232.7
Oilseeds	127.8	240.9	289.2	181.6	229.7	208.6	240.6	258.1	314.6	271.0	236.9	249.0	285.5
Livestock; meats	138.5	183.7	175.2	180.8	162.5	166.9	196.4	195.0	217.4	195.3	219.9	205.7	219.1
Metals	(NA)	(NA)	(NA)	141.0	149.5	163.8	230.4	554.1	409.2	269.3	288.6	338.8	277.7

NA Not available.

Source: Commodity Research Bureau, Inc. (CRB), Jersey City, NJ, *CRB Commodity Index Report*, weekly. (Copyright.)

No. 797. Food Prices—Distribution of Retail Price According to Farm Value and Marketing Function: 1980 to 1983

[**In cents per retail unit indicated.** The farm value is the payment to farmers for the quantity of farm products equivalent to the unit sold at retail minus imputed value of byproducts. Because of losses from processing, waste, and spoilage, the farm value represents larger quantities than the retail unit]

FOOD ITEM	Unit	1980		1982		1983						
		Farm value	Retail price	Farm value	Retail price	Farm value	Assembly and procurement	Processing or packing	Intercity transportation	Wholesaling	Retailing	Retail price
Beef, choice	Lb	145.0	237.6	140.5	242.5	136.2	(1)	5.4	3.8	[2] 26.3	66.4	238.1
Pork	Lb	63.2	139.5	88.0	175.4	76.5	(1)	28.9	3.5	10.6	50.3	169.8
Broilers	Lb	38.8	72.0	35.9	71.6	38.0	1.6	10.5	1.7	4.3	16.7	72.8
Eggs, grade A	Doz	51.0	84.4	53.1	86.5	58.5	.8	11.6	1.7	3.5	16.0	92.1
Milk, sold in stores	½ gal	55.8	104.9	59.2	112.4	59.4	(NA)	(NA)	(NA)	(NA)	(NA)	112.8
Bread, white	Lb	[3] 5.3	50.9	[3] 5.0	53.2	[3] 5.1	(NA)	(NA)	(NA)	(NA)	(NA)	54.2
Potatoes, russet	10 lb	[4] 57.2	209.9	[4] 58.8	230.0	[4] 66.8	(1)	46.7	47.6	17.0	67.9	246.6
Oranges, CA	Lb	7.8	36.6	15.3	47.2	7.7	.5	6.0	6.2	4.2	13.9	38.5
Lettuce, CA	Lb	[5] 4.7	45.8	[5] 5.8	56.1	[5] 4.7	.4	13.1	8.9	3.6	24.4	55.1
Orange juice, frozen	12 oz	35.7	87.4	45.7	106.3	44.0	1.7	18.3	5.1	12.6	22.7	104.4
Tomatoes, CA [6]	Lb	4.5	42.2	5.2	54.9	4.9	.8	29.5	5.6	1.7	10.2	52.7

NA Not available. [1] Included in farm value. [2] Includes breaking the carcass into principal parts such as loin and chuck. [3] Includes value for wheat, lard, soybean oil, high fructose corn syrup, and soy-whey blend. [4] Includes some potatoes for processing. [5] Value in the field. Harvesting and packing, a contract operation, appears as assembly cost. [6] Whole tomatoes.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Cost Review, 1983*, AER No. 514, June 1984.

No. 798. Retail Consumer Price Indexes of Food—Selected Areas: 1970 to 1984

[1967=100. See headnote, table 794 and text, p. 466 regarding SMSA's]

City/SMSA	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, June
Total food [1]	**114.9**	**175.4**	**192.2**	**211.4**	**234.5**	**254.6**	**274.6**	**285.7**	**291.7**	**302.0**
Anchorage, AK	(NA)	167.6	185.8	204.1	227.2	242.2	253.6	260.4	266.8	[2] 276.1
Atlanta, GA	114.8	181.8	196.4	215.5	238.2	257.3	279.8	291.6	299.8	307.2
Baltimore, MD	117.4	178.2	195.9	215.2	235.8	254.9	272.4	279.0	287.4	[2] 301.5
Boston, MA	114.9	175.2	190.9	206.7	229.0	245.3	259.7	265.4	271.7	[2] 285.4
Buffalo, NY	116.2	173.6	189.2	206.1	226.8	246.1	267.6	276.5	283.0	290.1
Chicago, IL-Northwestern IN	115.4	175.1	191.0	213.5	236.8	258.2	273.1	279.5	281.2	286.9
Cincinnati, OH-KY-IN	114.9	177.4	197.8	219.1	244.4	265.3	286.8	299.5	306.7	[2] 321.9
Cleveland, OH	117.5	175.8	196.1	213.6	236.3	254.2	276.3	285.9	296.4	307.3
Dallas-Ft. Worth, TX	114.8	172.5	191.3	209.4	235.8	257.7	278.3	289.2	300.0	313.7
Denver-Boulder, CO	(NA)	171.4	190.8	208.0	230.1	238.0	258.0	265.5	274.5	[2] 296.8
Detroit, MI	115.2	171.6	186.4	205.5	226.5	245.2	264.2	274.3	273.7	279.7
Honolulu, HI	114.1	176.7	193.0	212.8	239.8	259.9	285.8	298.8	306.7	319.6
Houston, TX	115.5	181.2	198.8	218.7	248.3	270.6	296.6	311.1	320.1	336.7
Kansas City, MO-KS	116.1	177.8	193.0	215.4	239.2	259.8	275.3	282.4	286.7	296.7
Los Angeles-Long Beach-Anaheim, CA	112.2	170.1	185.8	206.7	229.5	248.7	268.7	281.9	291.3	296.9
Miami, FL [3]	(NA)	(NA)	(NA)	107.4	121.3	130.6	140.9	149.4	153.6	[2] 158.6
Milwaukee, WI	113.1	171.9	189.9	210.5	234.9	250.7	273.5	283.5	287.0	[2] 293.5
Minneapolis-St. Paul, MN-WI	116.5	178.9	196.7	217.3	244.4	264.8	280.4	291.6	300.1	312.7
New York, NY-Northeast, NJ	117.9	179.6	195.4	212.8	232.6	253.9	276.9	290.8	295.2	308.7
Northeast, PA	115.7	172.9	189.5	207.2	228.1	248.1	264.5	273.7	277.9	[2] 286.6
Philadelphia, PA-NJ	115.8	179.6	198.4	218.2	239.7	259.1	278.7	294.1	300.7	308.2
Pittsburgh, PA	115.6	177.4	193.6	212.6	233.5	254.5	274.1	285.9	294.6	294.1
Portland, OR-WA	110.9	168.4	186.8	207.7	233.6	250.3	269.9	284.2	291.6	[2] 303.2
St. Louis, MO-IL	115.4	174.3	192.8	210.4	234.7	252.3	270.9	281.2	286.7	[2] 295.6
San Diego, CA	113.6	173.7	190.5	212.2	236.0	257.8	276.6	291.1	308.6	[2] 319.1
San Francisco-Oakland, CA	112.5	171.2	187.4	207.4	233.1	250.4	268.5	286.2	292.7	306.0
Seattle-Everett, WA	113.5	169.6	187.9	204.1	225.4	243.2	263.7	283.4	287.8	[2] 291.5
Washington, DC-MD-VA	117.3	180.7	199.7	219.8	245.7	264.1	277.7	291.4	299.0	[2] 306.9

NA Not available. [1] 1970 to 1977 based on 56 areas; beginning 1978, 85 areas. Excludes Portland, Oregon through 1978. [2] May data. [3] November 1977=100.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Index, Detailed Report,* monthly.

No. 799. Weekly Food Cost for Families, by Type of Family: 1975 to 1984

[**In dollars.** Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home. See headnote table 800]

Urban family type	1975, Dec.	1976, Dec.	1977, Dec.	1978, Dec.	1979, Dec.	1980, Dec.	1981, Dec.	1982, Dec.	1983, Dec.	1984	
										Jan.	May
Couple, 20-54 years old [1]	37.10	36.60	39.70	43.20	47.50	52.00	53.40	54.60	54.70	56.50	56.40
Couple, 55 years and over [1]	32.40	32.10	35.00	37.90	41.80	45.90	47.10	48.10	52.00	54.00	53.70
Couple with children:											
1 child, 1-5 years old	44.90	44.40	47.80	52.10	57.30	62.90	64.70	66.00	66.90	69.10	69.10
1 child, 15-19 years old	53.50	52.80	56.70	62.00	68.00	74.80	76.80	78.50	77.80	80.30	80.20
2 children, 1-5 years old	51.80	51.30	54.90	60.00	65.90	72.60	74.70	76.20	77.80	80.20	80.30
2 children, 6-11 years old	63.00	62.10	66.60	72.70	79.90	88.10	90.70	92.60	93.50	96.40	96.60
2 children, 12-19 years old	67.20	66.30	71.00	77.60	85.20	93.80	96.50	98.60	98.00	101.20	101.20

[1] Beginning 1983, costs based on revised food plans with age groups 20-50 years old and 51 years old and over.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Through June 1978, *Food and Home Notes,* weekly; thereafter, *News Feature,* weekly.

No. 800. Weekly Food Cost for Families, by Cost Level and Region: 1984

[**In dollars.** As of **January.** Based on costs of food plans as estimated by using average price per pound of each food group paid by survey families at selected food cost levels in 1977-78. Prices adjusted to January 1984 level. For composition of regions, see fig. I, inside front cover]

Region and urban family type	Low level	Moderate level	Liberal level	Region and urban family type	Low level	Moderate level	Liberal level
Northeast:				**South:**			
Couple, 20-50 years old	48.50	58.70	73.30	Couple, 20-50 years old	44.40	54.10	65.70
Couple, 51 years and over	46.10	56.10	67.30	Couple, 51 years and over	42.60	51.40	60.30
4-person families:				4-person families:			
With preschool children [1]	69.30	83.30	102.60	With preschool children [1]	63.80	76.80	92.00
With school children [2]	81.30	100.10	121.50	With school children [2]	74.80	92.30	108.70
Midwest:				**West:**			
Couple, 20-50 years old	43.50	53.70	64.90	Couple, 20-50 years old	47.60	57.50	71.80
Couple, 51 years and over	41.90	51.60	60.30	Couple, 51 years and over	45.30	55.20	66.30
4-person families:				4-person families:			
With preschool children [1]	62.40	76.60	91.70	With preschool children [1]	68.50	81.90	100.80
With school children [2]	73.30	92.00	108.30	With school children [2]	80.50	98.50	119.10

[1] Couple, 20-50 years; children, 1-2 and 3-5 years. [2] Couple, 20-50 years; children, 6-8 and 9-11 years.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service, *Family Economics Review,* 1984, No. 2.

No. 801. Consumer Expenditure Diary Survey—Selected Characteristics and Weekly Expenditures of Urban Consumer: 1972-73 and 1980-81

[Represents units classified by income before taxes, and units with complete reporting of income. A consumer unit, the basic reporting unit for the Diary survey, is comprised of either: (1) all members of a particular household who are related by blood, marriage, adoption, etc.; (2) a person living alone or sharing a household with others or living as a roomer, but who is financially independent; or (3) two or more persons living together who pool their income to make joint expenditure decisions.]

ITEM	Total	Quintiles of income					Size of consumer unit			
		Lowest 20 percent	Second 20 percent	Third 20 percent	Fourth 20 percent	Highest 20 percent	1-person unit	2-person units	3-person units	4-person units
1972-73										
Number of consumer units (1,000)	51,094	10,216	10,219	10,219	10,221	10,219	14,713	16,697	9,474	8,600
Income before taxes, avg. (dol.)	11,156	2,363	5,790	9,529	13,682	24,411	4,979	9,577	11,072	12,955
Size of consumer unit	2.9	1.8	2.5	3.0	3.4	3.7	1.0	2.0	3.0	4.0
Age of householder	46.6	55.8	47.4	42.1	42.3	45.2	52.6	52.5	42.4	39.5
Number in consumer unit:										
Earners	1.3	.5	1.0	1.4	1.7	2.1	.6	1.2	1.6	1.8
Vehicles	1.3	.5	1.0	1.3	1.6	2.0	.6	1.2	1.5	1.6
Children under 18	1.0	.5	.8	1.1	1.3	1.3	-	.1	.8	1.7
Persons 65 and over	.3	.6	.4	.2	.1	.1	.4	.5	.2	.1
Percent homeowner	58	37	44	57	71	83	33	60	61	72
Average weekly expenditures (dol.):										
Food, total	34.08	17.95	26.20	33.67	40.33	52.27	16.05	28.87	36.63	43.76
Food at home, total	24.60	14.63	20.16	24.72	28.86	34.63	9.38	20.59	26.29	32.27
Cereals and bakery products	2.89	1.73	2.39	2.93	3.41	3.98	1.06	2.26	2.94	3.81
Meats, poultry, fish, and eggs	9.62	5.72	7.82	9.46	11.12	13.99	3.45	8.37	10.44	12.64
Dairy products	3.35	1.88	2.72	3.42	4.00	4.70	1.21	2.52	3.47	4.54
Fruits and vegetables	3.59	2.38	3.02	3.48	4.11	4.98	1.66	3.35	3.81	4.39
Other food at home	5.15	2.92	4.20	5.42	6.24	6.98	2.00	4.10	5.63	6.89
Food away from home	9.48	3.32	6.04	8.94	11.45	17.65	6.67	8.28	10.35	11.48
Alcoholic beverages	2.43	.87	1.72	2.50	2.84	4.22	1.89	2.33	2.38	2.41
Tobacco products and smoking supplies	2.28	1.19	2.03	2.64	2.76	2.80	1.25	2.12	2.65	2.62
Personal care products and services	2.99	1.27	2.14	2.86	3.62	5.05	1.61	2.88	3.35	3.71
Non-prescription drugs and supplies	1.23	.86	1.00	1.22	1.30	1.78	.73	1.23	1.27	1.42
Housekeeping supplies	2.73	1.35	1.98	2.59	3.25	4.50	1.12	2.35	3.07	3.48
Energy, total	13.62	6.29	10.52	14.05	16.62	20.63	6.41	12.40	15.45	16.94
1980-81										
Number of consumer units (1,000)	54,266	10,826	10,864	10,857	10,842	10,878	20,086	20,302	11,624	9,979
Income before taxes, avg. (dol.)	19,188	3,562	9,417	16,190	24,253	42,440	8,207	15,524	18,559	20,225
Size of consumer unit	2.6	1.7	2.3	2.7	3.1	3.3	1.0	2.0	3.0	4.0
Age of householder	44.4	50.4	45.2	41.5	41.3	43.6	47.0	51.7	42.2	38.7
Number in consumer unit:										
Earners	1.4	.6	1.0	1.4	1.7	2.1	.6	1.2	1.7	1.9
Vehicles	1.4	.6	1.1	1.5	1.8	2.2	.7	1.5	1.8	1.8
Children under 18	.8	.4	.7	.8	1.0	1.0	-	.1	.8	1.7
Persons 65 and over	.3	.5	.4	.2	.1	.1	.3	.5	.2	.1
Percent homeowners	59	37	43	57	70	87	35	69	68	74
Average weekly expenditures (dol.):										
Food, total	53.24	27.85	39.52	52.00	65.85	80.86	25.88	47.74	57.38	69.67
Food at home, total	35.97	20.59	28.92	35.27	44.50	50.49	14.29	31.44	39.58	49.10
Cereals and cereal products	1.48	.97	1.27	1.49	1.79	1.86	.53	1.15	1.53	2.00
Bakery products	3.11	1.76	2.46	3.02	3.81	4.49	1.24	2.71	3.44	4.43
Beef	4.74	2.29	3.39	4.50	6.47	7.06	1.50	3.98	5.28	6.48
Pork	2.48	1.37	2.03	2.38	3.35	3.25	.82	2.20	2.75	3.16
Other meats	1.64	.86	1.39	1.64	1.96	2.34	.56	1.40	1.96	2.42
Poultry	1.60	1.06	1.41	1.52	1.85	2.14	.66	1.37	1.84	2.03
Fish and seafood	1.08	.58	.83	.98	1.35	1.66	.46	1.08	1.12	1.64
Eggs	.69	.48	.64	.69	.80	.85	.30	.59	.75	.92
Fresh milk and cream	2.51	1.58	2.08	2.56	3.00	3.34	.88	1.86	2.80	3.70
Other dairy products	2.26	1.20	1.69	2.16	2.71	3.55	.99	2.11	2.33	3.14
Fresh fruits	1.63	1.07	1.32	1.57	1.82	2.35	.83	1.68	1.69	2.13
Fresh vegetables	1.62	.94	1.49	1.58	1.87	2.23	.82	1.60	1.74	2.03
Processed fruits	1.27	.81	1.07	1.18	1.50	1.81	.61	1.20	1.38	1.72
Processed vegetables	1.01	.57	.80	1.07	1.24	1.36	.42	.90	1.11	1.41
Sugar and other sweets	1.33	.80	1.00	1.35	1.62	1.87	.54	1.19	1.37	1.71
Fats and oils	1.01	.59	.86	.99	1.21	1.41	.39	.93	1.11	1.37
Miscellaneous prepared foods	3.31	1.78	2.56	3.39	4.17	4.66	1.30	2.56	3.82	4.62
Non-alcoholic beverages	3.19	1.88	2.63	3.21	3.98	4.27	1.44	2.93	3.57	4.20
Food away from home	17.27	7.26	10.60	16.73	21.35	30.37	11.59	16.30	17.80	20.57
Alcoholic beverages	5.65	2.32	3.65	5.44	7.09	9.74	4.55	5.35	5.54	5.51
Tobacco products and smoking supplies	2.97	1.65	2.57	3.53	3.62	3.48	1.92	2.75	3.45	3.24
Personal care products and services	4.14	2.04	2.84	3.97	4.89	6.96	2.38	4.34	4.53	4.94
Non-prescription drugs and supplies	1.68	1.04	1.44	1.81	1.72	2.37	.89	2.09	2.10	1.71
Housekeeping supplies	4.46	2.10	3.16	4.01	5.67	7.34	1.72	4.24	5.01	5.88
Energy, total	34.02	16.86	27.07	33.65	41.59	50.85	16.77	32.10	39.61	43.52

- Represents zero.
Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey: Diary Survey, 1980-81*, bulletin 2173, Sept. 1983.

No. 802. Consumer Price Indexes of Residential Rents in Selected SMSA's: 1970 to 1984

[1967=100. Annual averages of monthly figures, except as indicated. See Appendix III]

SMSA [1]	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, June
Anchorage, AK (Oct. 1967=100)	(NA)	125.5	143.2	152.9	160.4	161.1	158.3	169.1	206.6	239.3	[2] 250.3
Atlanta, GA	109.9	129.0	131.2	135.3	140.0	152.3	168.2	188.4	199.9	214.2	226.6
Baltimore, MD	106.9	127.4	135.5	143.9	154.6	163.5	173.8	187.7	204.6	221.5	[2] 231.9
Boston, MA	115.4	149.6	156.7	166.2	174.2	183.0	198.8	222.5	245.5	262.0	[2] 274.5
Buffalo, NY	109.3	140.8	149.3	156.8	162.7	169.2	177.2	185.2	195.6	206.5	214.8
Chicago, IL-Northwestern IN	107.6	132.8	137.7	142.7	150.6	160.6	172.2	185.0	199.2	210.2	220.1
Cincinnati, OH-KY	105.7	120.1	124.0	133.4	142.9	155.2	169.1	183.5	191.8	200.2	[2] 206.3
Cleveland, OH	107.5	123.7	130.8	139.8	149.7	158.9	170.9	179.7	190.5	199.8	206.5
Dallas, TX	110.1	122.1	129.2	140.3	155.5	172.6	191.2	211.1	228.6	247.7	258.3
Denver-Boulder, CO	(NA)	130.3	133.5	139.7	152.3	168.8	186.8	204.9	228.5	244.0	[2] 252.6
Detroit, MI	111.5	135.9	141.5	150.8	162.6	176.5	194.1	206.1	214.3	220.2	226.7
Honolulu, HI	118.1	150.4	156.8	163.5	174.1	187.3	206.1	224.8	240.7	253.0	270.2
Houston, TX	106.9	125.3	140.1	155.8	163.0	172.1	182.8	198.8	223.6	230.4	226.7
Kansas City, MO-KS	106.3	119.2	124.0	131.3	139.6	149.2	160.3	174.0	187.2	199.2	214.7
Los Angeles-Long Beach-Anaheim, CA	111.9	134.8	144.3	157.2	171.7	188.5	211.3	235.2	257.9	274.8	293.9
Milwaukee, WI	109.8	136.9	144.1	152.5	159.6	168.7	179.6	192.7	208.8	221.0	[2] 229.7
Minneapolis-St. Paul, MN	114.2	132.8	141.5	150.6	160.5	175.8	195.2	214.3	231.1	244.5	252.3
New York, NY-Northeast NJ	110.9	153.7	162.5	171.4	180.1	188.7	202.5	217.6	232.6	247.4	258.7
Northeast, PA	113.1	155.9	166.3	178.2	186.2	207.2	220.7	229.3	238.1	251.7	[2] 257.7
Philadelphia, PA-NJ	112.5	146.4	155.7	166.1	174.4	182.4	194.5	210.2	229.6	246.4	260.4
Pittsburgh, PA	109.0	129.0	137.0	149.2	162.7	173.9	185.3	198.5	211.6	223.6	233.0
Portland, OR-WA	109.3	135.8	145.2	157.9	172.6	188.5	202.6	217.1	222.5	227.1	[2] 231.4
St. Louis, MO-IL	105.6	116.1	120.4	127.0	136.8	149.0	165.6	179.2	191.8	202.4	[2] 215.0
San Diego, CA	123.6	148.7	158.3	170.2	185.6	205.5	225.3	243.2	263.5	286.4	[2] 309.3
San Francisco-Oakland, CA	119.3	144.8	153.3	164.7	177.3	190.3	214.3	236.1	258.8	284.4	306.0
Seattle, WA	109.1	130.8	141.1	153.6	168.0	195.1	226.1	239.8	245.2	247.6	[2] 253.8
Washington, DC-MD-VA	109.4	140.3	149.0	158.4	168.0	181.2	197.2	215.5	233.8	251.2	[2] 262.6

NA Not available. [1] See headnote, table 794 and text, page 466. [2] May data.

No. 803. Consumer Price Indexes of Fuels and Utilities: 1970 to 1984

[*1967=100. Represents all urban consumers.* A therm=100,000 Btu's. Annual averages for cities combined. See text, p. 466. See also *Historical Statistics, Colonial Times to 1970*, series E 203-211]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, June
Consumer price index, all items	**116.3**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**	**289.1**	**298.4**	**310.7**
Fuels and other utilities	107.6	167.8	182.7	202.2	216.0	239.3	278.6	319.2	350.8	370.3	390.0
Gas (piped) and electricity	107.3	169.6	189.0	213.4	232.6	257.8	301.8	345.9	393.8	428.7	450.6
Utility (piped) gas	108.5	172.5	201.2	239.3	263.1	305.3	363.9	414.9	497.2	580.1	585.9
Gasoline, regular and premium	105.6	170.8	177.9	188.2	196.3	265.6	369.1	410.9	389.3	376.3	374.9
Electricity (composite)	106.2	167.0	177.6	189.3	203.4	219.1	253.4	291.5	320.3	330.6	358.6
Fuel oil, coal, and bottled gas	110.1	235.3	250.8	283.4	298.3	403.1	556.0	675.9	667.9	628.0	646.0
Fuel oil No. 2	109.3	230.6	247.2	280.2	296.9	416.8	579.7	709.2	693.9	637.7	656.2
Telephone services, residential	102.5	125.3	129.8	131.3	132.8	132.4	135.7	147.7	162.8	173.3	187.1
Water and sewer service, residential	120.4	169.9	188.7	209.1	232.6	243.3	259.8	290.9	325.5	352.6	374.6

Source of tables 802 and 803: U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 804. Average Price of Residential Utility (Piped) Gas, Electricity, and Fuel Oil No. 2, Selected Areas: 1982 and 1983

[**In dollars per unit shown.** One therm contains approximately 100 cubic feet of natural gas. As of **January.** For complete SMSA titles, see Appendix II]

AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)		AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)	
	1982	1983	1982	1983	1982	1983		1982	1983	1982	1983	1982	1983
U.S. city *average*	***47.46***	***59.97***	***36.01***	***37.18***	***1.254***	***1.194***	L.A., Long Beach-Anaheim	33.81	48.46	42.08	37.95	(NA)	(NA)
Anchorage	20.19	21.13	28.40	30.14	1.245	1.186	Miami	50.85	64.42	38.59	38.43	(NA)	(NA)
Atlanta	48.36	58.87	30.12	30.98	(NA)	1.142	Milwaukee	53.42	64.10	33.10	35.05	1.164	1.140
Baltimore	*52.80*	*67.47*	*34.98*	*37.43*	*1.221*	*1.175*	Minn.-St. Paul	53.12	57.16	31.35	32.40	1.189	1.176
Boston	68.82	84.72	38.49	40.44	1.287	1.229	New York	65.52	82.62	57.85	58.46	1.289	1.244
Buffalo	48.51	71.28	30.14	35.28	1.291	1.268	Northeast, PA	54.72	66.84	34.34	34.36	1.211	1.137
Chicago	45.09	52.59	38.62	43.57	1.244	1.188	Philadelphia	59.68	73.52	39.25	39.36	1.236	1.183
Cincinnati	*44.99*	*61.19*	*27.12*	*32.67*	*1.229*	*1.176*	Pittsburgh	*40.51*	*57.08*	*34.95*	*34.53*	(NA)	*1.091*
Cleveland	40.28	54.16	37.45	43.50	(NA)	1.187	Portland, OR	61.62	67.30	15.76	17.31	1.179	1.175
Dallas [1]	44.13	55.26	31.57	35.41	(NA)	(NA)	St. Louis	49.98	63.08	25.91	28.19	1.168	1.132
Denver-Boulder	52.66	63.95	38.83	41.02	(NA)	(NA)	San Diego	41.47	56.16	57.17	63.61	(NA)	(NA)
Detroit	*46.57*	*53.23*	*30.65*	*34.70*	*1.246*	*1.198*	San Francisco-Oakland	*38.53*	*43.23*	42.41	31.88	(NA)	(NA)
Honolulu	165.46	165.48	62.13	52.08	(NA)	(NA)	Seattle-Everett	65.01	67.54	12.94	17.79	1.296	1.295
Houston	47.30	56.24	34.26	36.54	(NA)	(NA)	Wash., DC	58.29	73.60	33.22	34.43	1.277	1.235
Kansas City	42.16	57.50	29.36	30.74	(NA)	(NA)							

NA Not available. [1] Includes Ft. Worth.

Source: U.S. Bureau of Labor Statistics, *Consumer Prices: Energy,* monthly.

No. 805. Average Residential, Commercial, and Industrial Monthly Bills for Electricity: 1980 to 1983

[Composite average **in dollars,** as of **January 1,** using decennial census data; 1980–1982, 1970 Census; thereafter, 1980 Census. Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerto Rico. kW = Kilowatts; kWh = Kilowatt-hours. See source for coverage detail]

ITEM	1980	1981	1982	1983, prel.	ITEM	1980	1981	1982	1983, prel.
RESIDENTIAL					COMMERCIAL—Con.				
Average bill, dollars:					**Average bill, cents per kWh:**				
500 kWh	27.80	32.61	36.96	38.35	6 kW, 750 kWh	7.5	8.6	9.7	9.8
750 kWh	36.94	43.99	50.07	52.74	12 kW, 1,500 kWh	7.6	8.7	9.9	10.0
1,000 kWh	48.79	58.16	66.39	69.96	30 kW, 6,000 kWh	6.4	7.5	8.5	8.7
Average bill, cents per kWh:					40 kW, 10,000 kWh	5.9	6.9	7.9	8.1
500 kWh	5.6	6.5	7.4	7.7	INDUSTRIAL				
750 kWh	4.9	5.9	6.7	7.0	**Average bill, dollars:**				
1,000 kWh	4.9	5.8	6.6	7.0	150 kW, 30,000 kWh	1,757	2,114	2,396	2,449
COMMERCIAL					300 kW, 60,000 kWh	3,431	4,128	4,685	4,789
Average bill, dollars:					1,000 kW, 200,000 kWh	10,910	12,756	15,097	15,445
6 kW, 750 kWh	57	65	73	74	**Average bill, cents per kWh:**				
12 kW, 1,500 kWh	114	131	148	149	150 kW, 30,000 kWh	5.9	7.1	8.0	8.2
30 kW, 6,000 kWh	385	449	509	519	300 kW, 60,000 kWh	5.7	6.9	7.8	8.0
40 kW, 10,000 kWh	590	693	789	805	1,000 kW, 200,000 kWh	5.5	6.4	7.6	7.7

No. 806. Net Monthly Residential Electric Bills (Range of Lowest to Highest) for 750 Kilowatt-hours Use, 1970 to 1983, and by State, 1983

[**In dollars.** Based on rates as of **January 1** for communities of 2,500 inhabitants or more. Beginning 1980, bill does not include water heating usage]

YEAR, REGION, DIVISION, AND STATE	Lowest bill	Highest bill	DIVISION AND STATE	Lowest bill	Highest bill	DIVISON AND STATE	Lowest bill	Highest bill
			E. No. Cent.:			**E. So. Cent.:**		
1970	5.63	34.00	OH	28.45	70.74	KY	32.31	52.44
1973	5.75	42.00	IN	18.31	67.95	TN	31.48	37.61
1975	6.75	59.09	IL	33.22	76.11	AL	17.83	52.52
1979	7.02	78.26	MI	22.75	56.80	MS	31.48	55.83
1980	7.92	92.79	WI	24.88	50.08	**W. So. Cent.:**		
1981	8.73	105.86	**W. No. Cent.:**			AR	20.88	62.39
1982	8.25	119.53	MN	18.48	56.88	LA	16.00	60.85
1983, U.S.	**8.25**	**112.75**	IA	21.50	59.64	OK	33.78	62.00
Region:			MO	23.91	65.08	TX	14.91	79.71
Northeast	13.51	105.98	ND	22.23	52.06	**Mt.:**		
Midwest	18.31	105.45	SD	21.85	65.99	MT	22.37	49.24
South	14.91	79.71	NE	26.34	59.00	ID	16.50	47.22
West	8.25	112.75	KS	32.01	105.45	WY	24.58	61.50
N. Eng.:			**So. Atl.:**			CO	18.50	64.88
ME	43.73	59.29	DE	44.26	77.23	NM	27.00	86.90
NH	44.36	64.27	MD	42.17	64.50	AZ	42.36	83.10
VT	28.35	55.70	DC	39.65	39.65	UT	17.44	54.97
MA	46.60	72.79	VA	32.46	60.02	NV	25.89	64.42
RI	55.03	68.57	WV	37.61	49.83	**Pac.:**		
CT	52.20	70.10	NC	41.17	59.55	WA	13.53	35.48
Mid. Atl.:			SC	29.10	56.27	OR	8.25	32.00
NY	13.51	105.98	GA	24.48	59.45	CA	16.82	90.32
NJ	47.07	89.94	FL	33.38	78.19	AK	39.53	85.60
PA	21.25	59.15				HI	75.62	112.75

Source of tables 805 and 806: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills,* annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills,* annual, and unpublished data.

No. 807. Average Prices of Selected Fuels and Electricity: 1973 to 1984

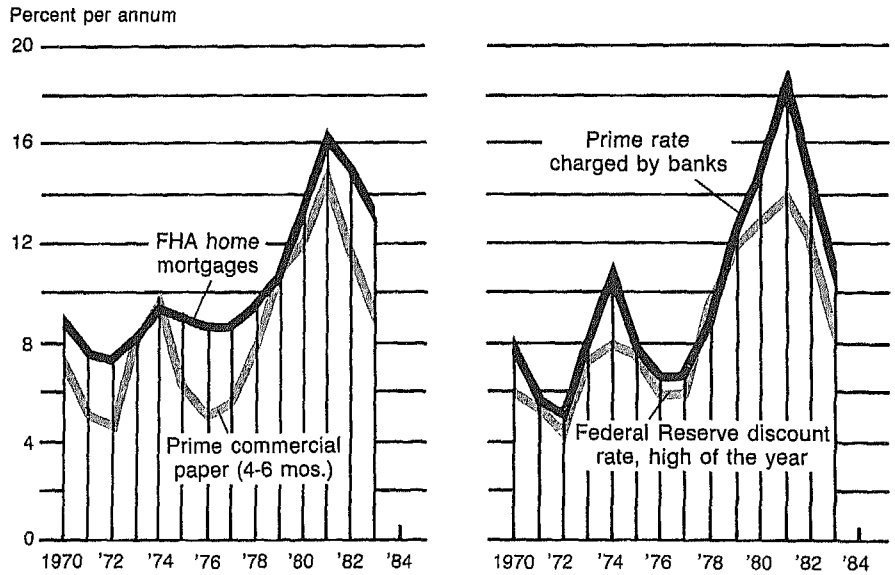
[**In dollars per unit, except electricity, in cents per kWh.** Represents price to end-users, except as noted]

ITEM	Unit [1]	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, May
Crude oil, composite [2]	Barrel	4.15	10.38	10.89	11.96	12.46	17.72	28.07	35.24	31.87	28.99	28.83
Motor gasoline: [3]												
Leaded regular	Gallon	.39	.57	.59	.62	.63	.86	1.19	1.31	1.22	1.16	1.15
Unleaded regular	Gallon	(NA)	(NA)	.61	.66	.67	.90	1.25	1.38	1.30	1.24	1.23
Leaded premium	Gallon	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.47	1.42	1.38	1.38
No. 2 heating oil	Gallon	(NA)	(NA)	(NA)	(NA)	.40	.52	.79	.91	.91	.92	.91
No. 2 diesel fuel	Gallon	(NA)	(NA)	(NA)	(NA)	.38	.59	.82	1.00	.94	.83	.83
Residual fuel oil	Gallon	(NA)	(NA)	(NA)	(NA)	.30	.44	.61	.76	.67	.65	.70
Natural gas, residential	1,000 cu. ft.	1.29	1.71	1.98	2.35	2.56	2.98	3.68	4.29	5.17	5.99	6.17
Electricity, residential	kWh	2.54	3.51	3.75	4.05	4.31	4.64	5.36	6.20	6.86	7.18	7.58

NA Not available. [1] See headnote. [2] Refiner acquisition cost. [3] Average, all service.

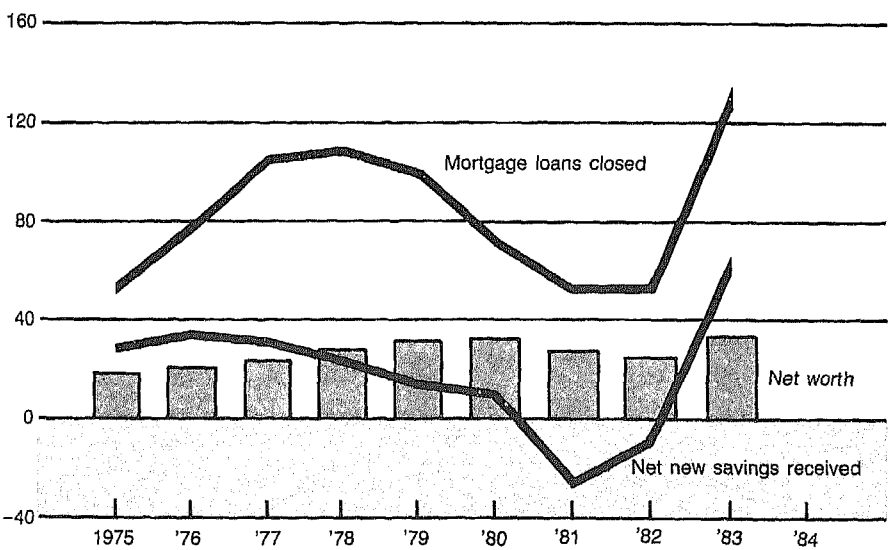
Source: U.S. Energy Information Administration, *Monthly Energy Review.*

Figure 17.1
Money Market Rates: 1970 to 1983

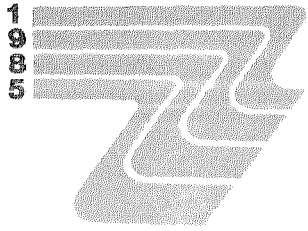


Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 847 and 850.

Figure 17.2
Savings Institutions — Financial Items: 1975 to 1983



[Note: Represents FSLIC (Federal Savings and Loan Insurance Corporations) insured institutions]
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 834.



Section 17

Banking, Finance, and Insurance

This section presents data on the Nation's finances, various types of financial institutions, money and credit, securities, and insurance. The primary sources of these data are publications of several departments of the Federal Government, especially the Treasury Department, and independent agencies such as the Federal Deposit Insurance Corporation, the Federal Reserve System, and the Securities and Exchange Commission. National data on insurance are available primarily from private organizations, such as the American Council of Life Insurance.

Flow of funds.—The flow of funds accounts of the Federal Reserve System (see tables 808 to 812) bring together statistics on all of the major forms of financial transactions and financial claims to present an economy-wide view of asset and liability relationships. In flow form, the accounts relate borrowing and lending to one another and to the nonfinancial activities that generate income and production. Each claim outstanding is included simultaneously as an asset of the lender and as a liability of the debtor. The accounts also indicate the balance between asset totals and liability totals over the economy as a whole. Several publications of the Board of Governors of the Federal Reserve System contain information on the flow of funds accounts: Summary data on flows, in the *Federal Reserve Bulletin, Flow of Funds Accounts* (quarterly), and *Annual Statistical Digest;* and concepts and organization of the accounts, in *Introduction to Flow of Funds* (June 1980).

Banking system.—Banks in this country are organized under the laws of both the States and the Federal Government and are regulated by several bank supervisory agencies. State-chartered banks are supervised by officials of the respective States. National banks are supervised by the Comptroller of the Currency. *Reports of Condition* have been collected from national banks since 1863. Summaries of these reports are published in the Comptroller's *Annual Report,* which also presents data on the structure of the national banking system.

The Federal Reserve System was established in 1913 to exercise central banking functions, some of which are shared with the U.S. Treasury. It includes national banks and such State banks as voluntarily join the System. Statements of State bank members are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. Balance sheet data for member banks and other commercial banks are published quarterly in the *Federal Reserve Bulletin.*

The Federal Deposit Insurance Corporation (FDIC), established in 1933, insures each depositor up to $100,000 currently in banks that are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. A balance sheet for all banks in the country is published in the FDIC's *Annual Report.* Major item balance sheets for all commercial banks are published monthly in the *Federal Reserve Bulletin.*

Savings and loan and other credit agencies.—Savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies represent important sources of funds for the credit market. Savings and loan associations are primarily involved in credit extension in the form of mortgage loans. Statistics on savings and loan associations are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are published principally by the American Council of Life Insurance in its *Life Insurance Fact Book.* Consumer credit data are published currently in the *Federal Reserve Bulletin.*

Federally chartered credit unions are under the supervision of the National Credit Union Administration, established in 1970. State-chartered credit unions are supervised by the respective State supervisory authorities. The Administration publishes comprehensive program and statistical information on all Federal and federally insured State credit unions in the *Annual Report of the National Credit Union Administration.* Deposit insurance (up to $100,000 per account) is provided to members of all Federal and those State credit unions that are federally-insured by the National Credit Union Share Insurance Fund which was established in 1970. Deposit insurance for State chartered credit unions is also available in some States under private or State-administered insurance programs.

Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. Data on operations of Government credit agencies, along with other Government corporations, are available in reports of individual agencies; data on their assets and liabilities are published in the *Treasury Bulletin.*

Currency.—Currency, including coin and paper money, represents more than one-fourth of all media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks.

"Currency and coin in circulation" (official *Statement of United States Currency and Coin)* refers to all coin and paper money issued by the Federal Reserve Banks, except gold and silver coin known to have been exported and, beginning with 1934, all gold coin. It includes all coin and paper money held by the public in the United States. It also includes cash in vaults of commercial and savings banks, currency irretrievably lost or destroyed by natural causes, and currency carried abroad by travelers.

Securities.—The Securities and Exchange Commission (SEC) was established in 1934 to protect the interests of the public and investors against malpractices in the securities and financial markets and to provide the fullest possible disclosure of information regarding securities to the investing public. Since its inception, the SEC has compiled a comprehensive monthly data series on new securities offerings. The statistics cover securities issued pursuant to the Securities Act of 1933 or exempted from registration pursuant to Regulation A or, Subsection 3(a)(2)—3(a)(6) of the Act and were publicly offered for cash sale for the account of the issuer, with maturity of more than one year. This series is published in the *SEC Monthly Statistical Review.*

Insurance.—Insuring companies, which are regulated by the various States or the District of Columbia, are classified as either life or property. Companies that underwrite accident and health insurance only and those that underwrite accident and health insurance in addition to one or more property lines are included with property insurance. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital or surplus.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers publish reports for these classes. Among them are the annual commercial publishers, such as The National Underwriter Company whose *Argus Chart* (annual) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. The American Council of Life Insurance publishes statistics on life insurance purchases, ownership, benefit payments, and assets in its annual *Life Insurance Fact Book.*

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 808. Flow of Funds Accounts—Financial Assets and Liabilities of Financial and Nonfinancial Institutions, by Sector and Type of Instrument: 1983

[**In billions of dollars.** As of **Dec. 31.** Preliminary. A=Assets; L=Liabilities, SDR=Special drawing rights, IMF=International Monetary Fund. RPs=Repurchase Agreements, "N.e.c."=Not elsewhere classified]

TYPE OF INSTRUMENT	TOTAL		PRIVATE DOMESTIC NONFINANCIAL INSTITUTIONS							
			Total		Households		Business		State and local govts.	
	A	L	A	L	A	L	A	L	A	L
Financial assets	**14,231.4**	(X)	**7,645.9**	(X)	**6,042.4**	(X)	**1,304.3**	(X)	**299.2**	(X)
Liabilities	(X)	**12,129.4**	(X)	**4,707.4**	(X)	**1,923.0**	(X)	**2,367.9**	(X)	**416.6**
Gold stock and SDR's	76.0	-	-	-	-	-	-	-	-	-
IMF position	11.3	11.3	-	-	-	-	-	-	-	-
Official foreign exchange	6.3	6.3	-	-	-	-	-	-	-	-
Treasury currency	18.4	16.9	-	-	-	-	-	-	-	-
Checkable deposits and currency	531.4	573.8	447.5	-	338.7	-	103.3	-	5.5	-
Time and savings accounts	1,908.6	1,908.6	1,813.1	-	1,673.7	-	71.8	-	67.5	-
Fed. funds and security RP's	104.0	167.9	50.8	-	-	-	30.5	-	20.3	-
Money market fund shares	162.6	162.6	162.6	-	162.6	-	-	-	-	-
Foreign deposits	37.3	37.3	15.4	-	-	-	15.4	-	-	-
Life insurance reserves	262.6	262.6	262.6	-	262.6	-	-	-	-	-
Pension fund reserves	1,105.6	1,105.6	1,105.6	-	1,105.6	-	-	-	-	-
Interbank claims	−8.6	−6.9	-	-	-	-	-	-	-	-
Corporate equities [1]	2,150.8	129.4	1,519.5	-	1,519.5	-	-	-	-	-
Credit market instruments [2]	6,240.3	6,240.3	1,187.6	4,041.0	868.1	1,832.2	125.7	1,613.3	193.8	395.5
U.S. Treasury securities [3]	1,174.4	1,174.4	434.3	-	329.3	-	11.8	-	93.3	-
Federal agency securities [4]	455.3	455.3	137.9	-	95.7	-	1.8	-	40.3	-
State and local securities	468.6	468.6	172.6	468.6	160.0	-	4.2	83.8	8.4	384.7
Corporate and foreign bonds	589.2	589.2	58.6	421.0	58.6	-	-	421.0	-	-
Mortgages	1,818.4	1,818.4	236.1	1,816.1	184.3	1,238.4	-	577.7	51.8	-
Consumer credit	484.8	484.8	63.0	484.8	-	484.8	63.0	-	-	-
Bank loans, n.e.c.	565.1	565.1	-	499.4	-	32.3	-	467.1	-	-
Open-market paper	259.9	259.9	85.1	56.7	40.2	-	44.9	56.7	-	-
Security credit	91.0	91.0	19.3	47.8	19.3	47.8	-	-	-	-
Trade credit [5]	619.4	520.9	545.9	486.4	-	26.5	545.9	438.9	-	21.0
Taxes payable	2.3	7.4	12.1	5.2	-	-	-	5.2	12.1	-
Miscellaneous claims	912.3	894.5	503.9	127.0	92.2	16.4	411.7	110.5	-	-

TYPE OF INSTRUMENT	U.S. GOVERNMENT		FINANCIAL INSTITUTIONS								REST OF THE WORLD	
			Total [6]		Monetary authority		Commercial banking		Nonbank finance			
	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	**273.0**	(X)	**5,766.7**	(X)	**201.9**	(X)	**1,756.5**	(X)	**3,305.9**	(X)	**545.8**	(X)
Liabilities	(X)	**1,338.4**	(X)	**5,508.7**	(X)	**201.9**	(X)	**1,656.9**	(X)	**3,154.4**	(X)	**574.9**
Gold stock and SDR's	5.0	-	11.1	-	11.1	-	-	-	-	-	59.7	-
IMF position	11.4	-	(Z)	-	(Z)	-	-	-	-	-	-	11.3
Official foreign exchange	2.6	-	3.7	-	3.7	-	-	-	-	-	-	6.3
Treasury currency	-	16.9	18.4	-	18.4	-	-	-	-	-	-	-
Checkable deposits and currency	10.9	-	55.5	573.8	-	153.9	7.8	385.5	46.9	34.3	17.5	-
Time and savings accounts	.8	-	59.8	1,908.6	-	-	-	996.6	59.8	912.0	35.0	-
Fed. funds and security RP's	-	-	53.3	167.9	-	-	-	142.7	40.3	25.2	-	-
Money market fund shares	-	-	-	162.6	-	-	-	-	-	162.6	-	-
Foreign deposits	-	-	21.9	-	-	-	-	-	21.9	-	-	37.3
Life insurance reserves	-	9.6	-	253.0	-	-	-	-	-	253.0	-	-
Pension fund reserves	-	112.0	-	993.6	-	-	-	-	-	993.6	-	-
Interbank claims	-	-	44.6	−6.9	2.5	42.1	42.1	−49.1	-	-	−53.3	-
Corporate equities [1]	-	-	535.6	129.4	-	-	.1	-	535.5	129.4	95.6	-
Credit market instruments [2]	213.2	1,177.9	4,589.6	775.7	161.2	-	1,566.8	68.6	2,381.0	250.1	249.9	245.6
U.S. Treasury securities [3]	-	1,174.4	573.9	-	151.9	-	183.2	-	236.0	-	166.1	-
Federal agency securities [4]	-	3.3	317.5	452.0	8.9	-	80.6	-	227.5	-	-	-
State and local securities	-	-	296.0	-	-	-	159.6	-	136.4	-	-	-
Corporate and foreign bonds	-	-	484.2	105.0	-	-	13.0	6.7	471.2	74.4	46.4	63.1
Mortgages	50.9	.2	1,531.5	2.2	-	-	329.7	-	820.1	2.2	-	-
Consumer credit	-	-	421.8	-	-	-	218.9	-	202.9	-	-	-
Bank loans, n.e.c.	-	-	565.1	30.3	-	-	565.1	-	-	30.3	-	35.3
Open-market paper	-	-	137.4	122.3	.4	-	16.7	38.0	119.5	84.3	37.4	80.9
Security credit	-	-	71.6	43.1	-	-	29.1	-	42.5	43.1	-	-
Trade credit [5]	26.6	21.9	22.2	-	-	-	-	-	22.2	-	24.7	12.7
Taxes payable	−9.6	-	-	2.2	-	-	-	.3	-	1.9	-	-
Miscellaneous claims	12.3	(Z)	279.5	505.7	5.1	5.9	110.5	112.3	155.7	349.1	116.6	261.8

- Represents zero. X Not applicable. Z Less than $50 million. [1] Assets shown at market value; nonbank finance liability is redemption value of shares of open-end investment companies. No specific liability attributed to issuers of stocks other than open-end investment companies for amounts outstanding. [2] Includes "Other loans," not shown separately. [3] Includes savings bonds and other nonmarketable debt held by public. [4] Issues by agencies in the budget and by sponsored credit agencies in financial sectors, issues backed by mortgage pools, and loan participation certificates. [5] Asset is corporate only; noncorporate credit deducted in liability total to conform to quarterly flow tables. [6] Includes federally sponsored credit agencies and mortgage pools, not shown separately.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 809. Flow of Funds Accounts—Financial Assets of Financial and Nonfinancial Institutions, by Holder Sector: 1970 to 1983

[In billions of dollars. As of Dec. 31. See also *Historical Statistics, Colonial Times to 1970,* series X 192, X 229, X 821, and X 835]

SECTOR	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
All sectors	**4,093.6**	**6,010.9**	**6,749.6**	**7,359.8**	**8,275.3**	**9,409.8**	**10,749.2**	**11,647.8**	**12,708.4**	**14,231.4**
Households	1,926.3	2,564.3	2,905.3	3,081.7	3,375.9	3,861.2	4,540.5	4,838.8	5,384.4	6,042.4
Nonfinancial business	410.3	610.0	669.1	734.2	833.4	967.5	1,079.7	1,150.3	1,173.6	1,304.3
Farm	10.8	14.8	16.3	18.1	20.2	22.2	24.2	26.1	27.9	29.3
Nonfarm noncorporate	29.9	37.5	40.9	44.4	48.8	53.6	56.6	61.4	65.2	71.0
Nonfinancial corporations	369.6	557.6	611.9	671.7	764.4	891.6	998.8	1,062.8	1,080.6	1,203.9
U.S. Government	88.2	120.2	141.6	150.3	175.5	198.2	223.3	246.7	267.3	273.0
U.S. Government-sponsored credit agencies and mortgage pools	51.5	122.1	138.7	162.9	205.0	260.6	309.3	361.8	433.8	502.4
State and local government	71.7	122.6	133.6	156.6	179.7	198.6	216.1	228.2	256.3	299.2
Monetary authorities	86.1	124.6	134.5	143.0	156.2	166.7	173.8	182.0	193.2	201.9
Commercial banking [1]	504.9	834.6	906.0	1,003.5	1,147.7	1,277.4	1,390.5	1,525.0	1,608.1	1,756.5
Domestic commercial banks	488.9	786.3	845.9	936.9	1,056.9	1,164.3	1,248.9	1,356.5	1,465.3	1,603.4
Foreign banking offices in U.S.	9.3	29.2	34.5	40.2	62.0	78.5	101.2	117.3	87.3	89.7
Nonbank finance	822.9	1,277.7	1,458.0	1,629.5	1,842.6	2,079.0	2,366.9	2,634.1	2,921.6	3,305.9
Savings and loan assoc	173.1	333.1	385.1	449.3	512.8	569.4	621.9	657.8	706.0	821.7
Life insurance	200.9	279.7	311.1	339.8	378.3	419.6	464.2	507.5	567.5	636.5
Other insurance	49.9	77.3	93.9	113.2	133.9	154.9	174.3	185.5	204.5	228.1
Private pension funds	110.4	146.8	171.9	178.3	198.3	222.0	266.8	293.1	341.6	409.3
Govt. retirement funds [2]	60.3	104.8	120.4	132.5	153.9	169.7	198.1	224.2	264.2	313.7
Finance companies	64.0	98.8	110.7	133.4	157.5	184.8	198.7	224.9	229.6	252.7
Money market funds	–	3.7	3.7	3.9	10.8	45.2	74.4	181.9	206.6	162.6
Mutual savings banks	79.3	121.1	134.8	147.3	158.2	163.3	171.5	175.3	174.3	191.5
Investment companies	46.8	43.0	46.5	45.4	45.8	51.2	63.5	63.8	89.5	129.4
Credit unions	18.0	36.9	43.3	51.5	58.4	63.1	71.6	75.1	86.8	103.1
Security brokers, dealers	16.2	18.5	26.8	27.7	27.9	29.1	36.1	39.0	43.3	49.4
Real estate investment trusts	3.9	14.0	9.8	7.2	6.8	6.7	5.8	5.9	7.7	7.9
Rest of the world	131.7	234.7	262.8	298.1	359.3	400.6	449.0	480.9	470.1	545.8

– Represents zero. [1] Includes other sectors not shown separately. [2] State and local.

No. 810. Flow of Funds Accounts—Assets and Liabilities of Households: 1970 to 1983

[As of December 31. See also *Historical Statistics, Colonial Times to 1970,* series X 114–147]

TYPE OF INSTRUMENT	TOTAL (bil. dol.)							PERCENT DISTRIBUTION		
	1970	1975	1979	1980	1981	1982	1983	1970	1980	1983
Total financial assets	**1,926.3**	**2,564.3**	**3,861.2**	**4,540.5**	**4,838.8**	**5,384.4**	**6,042.4**	**100.0**	**100.0**	**100.0**
Deposit and market instrument [1]	797.1	1,326.5	2,060.1	2,281.7	2,556.0	2,781.3	3,043.1	41.4	50.3	50.4
Checkable deposits and currency	118.2	170.7	250.4	258.6	284.3	307.3	338.7	6.1	5.7	5.6
Small time and savings deposits	408.9	719.6	1,056.9	1,140.3	1,187.4	1,322.9	1,532.2	21.2	25.1	25.4
Money market fund shares	–	3.7	45.2	74.4	181.9	206.6	162.6	–	1.6	2.7
Large time deposits	17.4	51.3	106.8	148.9	168.1	145.9	141.5	.9	3.3	2.3
Credit market instruments	252.6	381.2	600.8	659.4	734.2	798.6	868.1	13.1	14.5	14.4
U.S. Government securities	105.8	152.9	264.7	297.3	346.2	377.0	425.0	5.5	6.5	7.0
Treasury issues	84.9	*133.2*	*206.3*	*227.8*	*261.9*	*291.8*	*329.3*	*4.4*	*5.0*	*5.4*
Savings bonds	52.1	67.4	79.9	72.5	68.2	68.3	71.5	2.7	1.6	1.2
Other Treasury	32.8	65.8	126.4	155.3	193.7	223.4	257.8	1.7	3.4	4.3
Agency issues	20.9	19.7	58.5	69.5	84.3	85.2	95.7	1.1	1.5	1.6
State and local obligations	46.0	68.1	83.2	89.9	99.9	129.0	160.0	2.4	2.0	2.6
Corporate and foreign bonds	36.2	69.0	81.6	82.2	73.5	64.5	58.6	1.9	1.8	1.0
Mortgages	52.9	76.2	125.9	148.1	171.2	186.5	184.3	2.7	3.3	3.1
Open-market paper	11.7	15.1	45.3	41.9	43.6	41.6	40.2	.6	.9	.7
Corporate equities	728.6	660.5	915.2	1,221.9	1,162.7	1,322.3	1,519.5	37.8	26.9	25.1
Mutual fund shares	46.8	43.0	51.2	63.5	63.8	89.5	129.4	2.4	1.4	2.1
Other corporate equities	681.8	617.5	864.0	1,158.4	1,098.9	1,232.9	1,390.1	35.4	25.5	23.0
Life insurance reserves	130.5	166.6	211.1	222.5	232.7	246.8	262.6	6.8	4.9	4.3
Pension fund reserves	239.4	365.7	598.6	727.1	796.2	932.6	1,105.6	12.4	16.0	18.3
Security credit	4.4	4.5	9.6	14.8	12.7	16.0	19.3	.2	.3	.3
Miscellaneous assets	26.3	40.6	66.7	72.4	78.5	85.3	92.2	1.4	1.6	1.5
Total liabilities	**501.9**	**805.3**	**1,396.2**	**1,526.1**	**1,654.3**	**1,740.9**	**1,923.0**	**100.0**	**100.0**	**100.0**
Credit market instruments	481.0	776.1	1,348.9	1,468.8	1,594.2	1,674.4	1,832.2	95.8	96.2	95.3
Mortgages	309.4	507.7	898.8	999.0	1,084.9	1,137.4	1,238.4	61.6	65.5	64.4
Installment consumer credit	105.5	172.3	312.0	313.5	331.7	344.8	387.9	21.0	20.5	20.2
Other consumer credit	37.6	50.9	71.3	74.8	80.7	85.9	96.9	7.5	4.9	5.0
Bank loans, not elsewhere classified	7.5	13.7	20.8	26.8	31.2	33.3	32.3	1.5	1.8	1.7
Other loans	20.9	31.5	45.9	54.7	65.8	73.0	76.7	4.2	3.6	4.0
Security credit	*10.4*	*12.1*	*20.7*	*27.2*	*25.6*	*28.8*	*47.8*	*2.1*	*1.8*	*2.5*
Trade credit	5.3	9.4	14.9	17.2	19.8	22.2	26.5	1.1	1.1	1.4
Unpaid life insurance premiums [2]	5.1	7.7	11.7	12.9	14.7	15.5	16.4	1.0	.8	.9

– Represents zero. [1] Excludes corporate equities. [2] Includes deferred premiums.

Source of tables 809 and 810: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 811. Flow of Funds Accounts—Assets and Liabilities of Private Nonbank Financial Institutions, by Type of Instrument: 1983

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities; "N.e.c."=Not elsewhere classified; RP's=Repurchase agreements]

TYPE OF INSTRUMENT	TOTAL [1]		MUTUAL SAVINGS BANKS		SAVINGS AND LOAN ASSOCIATIONS		INSURANCE COMPANIES		PENSION FUNDS [2]		FINANCE COMPANIES		MONEY MARKET FUNDS	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	3,305.9	(X)	191.5	(X)	821.7	(X)	864.6	(X)	723.0	(X)	252.7	(X)	162.6	(X)
Liabilities	(X)	3,154.4	(X)	180.4	(X)	794.7	(X)	759.6	(X)	723.0	(X)	256.2	(X)	162.6
Checkable deposits	46.9	34.3	4.3	7.7	9.1	19.8	13.2	-	8.2	-	5.0	-	-.3	-
Time and savings accounts	59.8	912.0	1.1	164.6	15.2	658.2	-	-	7.0	-	-	-	24.0	-
Fed. funds, security RP's	40.3	25.2	6.2	-	21.1	25.2	-	-	-	-	-	-	13.0	-
Money market fund shares	-	162.6	-	-	-	-	-	-	-	-	-	-	-	162.6
Foreign deposits	21.9	-	-	-	-	-	-	-	-	-	-	-	21.9	-
Reserves:														
Life insurance	-	253.0	-	-	-	-	-	253.0	-	-	-	-	-	-
Pension fund	-	993.6	-	-	-	-	-	270.6	-	723.0	-	-	-	-
Corporate equities	535.5	129.4	4.2	-	-	-	113.2	-	338.9	-	-	-	-	-
Credit market instruments	2,381.0	250.1	166.6	-	696.4	71.6	663.8	-	361.6	-	247.7	172.0	102.4	-
Securities:														
U.S. Treasury	236.0	-	9.8	-	27.9	-	46.0	-	94.6	-	-	-	36.2	-
Federal agency	227.5	-	23.2	-	102.3	-	36.4	-	59.5	-	-	-	-	-
State and local	136.4	-	2.2	-	.9	-	98.9	-	3.0	-	-	-	-	-
Corporate and foreign bonds	471.2	74.4	21.7	-	-	3.5	246.7	-	184.8	-	-	70.3	-	-
Mortgages	820.1	2.2	96.0	-	526.3	-	152.0	-	19.8	-	17.8	-	-	-
Consumer credit	202.9	-	6.0	-	26.6	-	-	-	-	-	116.9	-	-	-
Bank loans, n.e.c.	-	30.3	-	-	-	9.2	-	-	-	-	-	17.7	-	-
Open market paper	119.5	84.3	7.8	-	12.5	-	29.3	-	-	-	-	84.0	66.2	-
Other loans	167.5	59.0	-	-	-	59.0	54.5	-	-	-	113.0	-	-	-
Security credit	42.5	43.1	-	-	-	-	-	-	-	-	-	-	-	-
Trade credit	22.2	-	-	-	-	-	22.2	-	-	-	-	-	-	-
Taxes payable	-	1.9	-	-	-	.1	-	.8	-	-	-	-	-	-
Miscellaneous	155.7	349.1	9.1	8.1	79.9	19.8	52.1	235.2	7.4	-	-	84.1	1.5	-

- Represents zero or rounds to zero. X Not applicable. [1] Includes credit unions, open-end investment companies, real estate investment trusts, and security brokers and dealers not shown separately. [2] Retirement funds of State and local governments and private pension plans.

No. 812. Flow of Funds Accounts—Credit Market Debt Outstanding: 1970 to 1983

[In billions of dollars. As of Dec. 31. "N.e.c."=Not elsewhere classified]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Credit market debt	1,597.0	2,619.9	2,904.3	3,285.0	3,761.6	4,252.0	4,685.1	5,174.8	5,823.3	6,240.3
Government	450.0	669.2	753.9	826.1	898.9	956.8	1,056.3	1,153.4	1,350.9	1,573.5
Federal	300.8	446.3	515.8	572.5	626.2	663.6	742.8	830.1	991.4	1,177.9
State and local	149.2	222.9	238.2	253.6	272.7	293.2	313.6	323.2	359.6	395.5
Non-government	1,147.0	1,950.7	2,150.3	2,458.9	2,862.7	3,295.2	3,628.7	4,021.5	4,272.4	4,666.8
Financial [1]	114.1	239.9	261.1	307.1	381.6	485.3	528.6	614.0	686.8	775.7
Sponsored credit agencies [2]	38.9	80.3	82.4	88.7	122.2	137.0	162.6	195.0	210.4	212.0
Mortgage pools	4.8	28.5	40.7	56.8	70.4	94.8	114.0	129.0	178.5	245.0
Commerical banks [3]	5.5	19.5	25.6	28.1	35.4	42.1	49.2	57.4	60.1	66.6
Savings and loan associations	11.0	19.1	17.4	24.3	37.8	50.3	57.8	73.4	70.4	71.6
Finance companies	51.7	76.7	81.2	97.9	116.2	132.7	138.9	152.9	161.1	172.0
Foreign	50.6	91.2	110.6	123.9	161.9	182.5	209.6	237.0	226.4	245.6
Private domestic nonfinancial	982.3	1,619.6	1,778.7	2,028.0	2,319.2	2,647.4	2,890.5	3,170.5	3,359.2	3,645.5
Corporations [1]	355.0	548.5	591.5	662.6	741.1	836.5	912.0	1,010.8	1,086.4	1,143.3
Bonds	167.3	261.0	286.3	317.4	346.2	373.5	411.0	446.5	480.5	504.9
Mortgages	58.9	65.9	68.3	71.9	76.1	77.5	80.0	73.7	76.7	79.7
Bank loans, n.e.c	104.2	172.4	176.3	197.0	227.4	272.6	299.2	341.9	383.0	400.1
Finance company loans	14.0	31.9	40.3	53.8	65.3	75.4	78.5	87.2	86.7	100.5
Individuals	627.3	1,071.1	1,187.2	1,365.3	1,578.1	1,811.0	1,978.6	2,159.7	2,272.8	2,502.2
By sector:										
Households	481.0	778.1	866.5	1,004.1	1,171.8	1,348.9	1,468.8	1,594.2	1,674.4	1,832.2
Farm	46.9	83.2	93.4	105.6	120.3	141.6	156.0	172.3	181.3	183.8
Nonfarm noncorporate	99.4	211.9	227.3	255.6	286.0	320.4	353.7	393.2	417.1	486.2
By type of instrument:										
Mortgages	409.2	731.7	814.4	937.5	1,083.5	1,247.4	1,380.0	1,500.8	1,572.2	1,736.4
Consumer credit	143.1	223.2	248.6	289.1	337.9	383.4	388.2	412.4	430.7	484.8
Policy loans	17.0	25.5	26.9	28.6	31.2	35.9	42.6	50.0	54.2	55.7
Bank loans, n.e.c	29.9	45.3	45.7	51.9	57.1	61.3	71.3	83.1	95.7	99.9
Other loans	28.0	45.4	51.6	58.2	66.4	82.9	96.3	113.6	120.0	125.9

[1] Includes other types, not shown separately. [2] U.S. Government. [3] Includes bank affiliates.

Source of tables 811 and 812: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 813. Uses and Sources of Funds—Summary: 1970 to 1983

[In billions of dollars. Minus sign (−) denotes decline in holdings of source. – Represents zero]

USE AND SOURCE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Uses, funds raised	**95.1**	**201.4**	**264.7**	**337.4**	**390.2**	**400.1**	**374.1**	**377.6**	**397.0**	**527.2**
Investment funds	69.6	119.8	142.0	184.9	219.3	230.4	221.0	184.1	191.3	255.1
Short-term funds	18.6	3.5	63.2	100.9	124.1	139.7	77.4	115.5	52.4	96.5
U.S. securities, privately held	6.9	78.1	59.4	51.5	46.8	29.9	75.7	78.0	153.3	175.6
Less: Financial intermediaries, funds raised	12.4	5.8	15.5	28.8	47.6	50.3	37.4	57.3	21.1	33.6
Sources, gross funds supplied	**107.6**	**207.2**	**280.1**	**366.2**	**437.8**	**450.3**	**411.5**	**434.9**	**418.1**	**560.8**
Commercial banks	37.1	31.5	66.5	90.0	126.2	122.2	101.8	108.8	108.5	140.0
Insurance companies	13.0	25.1	39.2	48.7	53.0	51.2	48.4	50.8	58.5	65.4
Private noninsured pension funds	7.7	14.1	12.5	16.5	16.0	16.0	20.3	21.1	26.5	31.7
State and local government retirement funds	6.1	11.5	12.4	13.9	14.3	19.4	23.4	24.3	26.8	31.5
Savings and loan associations	12.7	36.2	51.8	61.3	56.7	51.5	42.1	24.1	15.4	97.1
Mutual savings banks	4.1	10.9	12.5	11.6	8.4	4.7	5.3	−.2	–	15.8
Credit unions	1.6	5.0	6.6	8.2	8.3	2.4	−1.1	1.1	3.8	9.2
Investment companies	1.9	3.1	1.4	3.4	5.2	22.4	22.5	73.0	50.6	24.6
Other financial intermediaries	3.7	–	10.5	20.7	22.4	21.7	13.9	21.7	5.8	15.3
Business	4.1	12.9	18.1	15.4	11.0	26.7	7.6	5.9	11.6	30.5
Government	10.7	21.4	14.9	13.8	28.4	34.1	39.4	28.1	39.6	38.7
Foreign investors	10.5	10.4	17.9	42.2	40.4	−3.1	28.2	21.9	21.5	21.9
Individuals and others	−5.6	25.2	15.7	20.6	47.4	81.2	59.6	54.3	49.6	39.1

Source: Beverly Lowen and Donald Woolley, *Credit and Capital Markets, 1984*, Bankers Trust Company, New York, NY.

No. 814. Ownership of Public Debt Securities by Private Investors: 1970 to 1983

[**Par values in billions of dollars.** As of **June**, except beginning **1977**, as of **September.** Estimated]

OWNERSHIP	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total privately held	**217.2**	**303.2**	**376.4**	**438.6**	**488.3**	**523.4**	**589.2**	**665.4**	**791.2**	**982.7**
Commercial banks [1]	52.6	69.0	91.4	99.8	96.3	92.5	109.7	112.7	117.8	176.3
Nonbank investors	164.7	234.1	285.0	338.8	392.0	430.9	479.5	552.7	673.4	806.4
Individuals [2]	81.8	86.8	96.1	103.9	109.4	115.5	123.0	109.7	115.6	128.9
Insurance companies	7.2	7.1	14.4	14.3	15.1	16.7	19.2	27.6	34.8	47.3
Money market funds	(NA)	(NA)	.8	.8	1.4	4.3	7.5	11.4	38.6	22.1
Corporations [3]	8.5	13.8	23.3	23.3	21.3	22.1	25.9	18.0	21.6	35.9
State and local governments	29.0	31.7	33.3	53.0	69.0	66.5	77.0	95.7	112.1	(NA)
Foreign and international [4]	14.0	66.0	69.8	95.5	121.0	125.1	126.4	130.7	140.6	160.1
Other investors [5]	21.0	25.2	47.2	48.0	54.9	80.7	100.5	159.6	210.1	(NA)
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Commercial banks [1]	24.2	22.8	24.3	23.0	19.7	17.7	18.6	16.9	14.9	17.9
Nonbank investors	75.8	77.2	75.7	77.2	80.3	82.3	81.4	83.1	85.1	82.1
Individuals [2]	37.7	28.6	25.5	23.7	22.4	22.1	20.9	16.5	14.6	13.1
Insurance companies	3.3	2.3	3.8	3.3	3.1	3.2	3.3	4.1	4.4	4.8
Money market funds	(NA)	(NA)	.2	.2	.3	.8	1.3	1.7	4.9	2.2
Corporations [3]	3.9	4.6	6.2	5.3	4.4	4.2	4.4	2.7	2.7	3.7
State and local governments	13.4	10.5	8.8	12.1	14.1	12.7	13.1	14.4	14.2	(NA)
Foreign and international [4]	6.4	21.8	18.5	21.8	24.8	23.9	21.4	19.6	17.8	16.3
Other investors [5]	9.7	8.3	12.5	10.9	11.2	15.4	17.1	24.0	26.6	(NA)

NA Not available. [1] Consists of commercial banks, trust companies, and stock savings banks in the United States and in territories and island possessions. Figures exclude securities held in trust departments. [2] Includes partnerships and personal trust accounts. [3] Exclusive of banks and insurance companies. [4] Consists of the investment of foreign balances and international accounts in the United States. Holdings have been adjusted to exclude issues to the International Monetary Fund and other international lending organizations to reflect the unified budget concept. [5] Consists of savings and loan associations, nonprofit institutions, money market funds (for 1970 and 1975), corporate pension trust funds and dealers and brokers. Also included are certain government deposit accounts, government-sponsored agencies, and all other investors not included above.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly through 1982; thereafter, quarterly.

No. 815. Federal Reserve Banks—Assets, Liabilities, and Capital Accounts: 1970 to 1983

[**In billions of dollars.** As of **December 31.** See also *Historical Statistics, Colonial Times to 1970*, series X 796–805]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Assets	**85.9**	**110.8**	**120.4**	**129.3**	**137.8**	**151.1**	**160.8**	**168.5**	**174.8**	**186.9**	**196.7**
U.S. Government securities [1]	62.1	[2] 85.7	[2] 94.1	[2] 104.1	[2] 111.3	118.6	126.2	130.6	140.4	148.8	160.8
Gold certificate reserves	10.5	11.7	11.6	11.6	11.7	11.7	11.1	11.2	11.2	11.2	11.1
Special drawing rights	.4	.4	.5	1.2	1.3	1.3	1.8	2.5	3.3	4.6	4.6
Coin and collection items	11.4	8.6	9.2	8.2	9.9	13.2	14.0	12.9	8.9	10.3	10.1
Loans and acceptances	.4	1.3	1.4	1.0	1.2	1.6	2.1	2.6	1.8	2.2	1.3
Other assets	1.1	3.2	3.3	3.2	2.4	4.5	5.6	8.7	9.2	9.9	8.8
Liabilities and capital accounts	**85.9**	**110.8**	**120.4**	**129.3**	**137.8**	**151.1**	**160.8**	**168.5**	**174.8**	**186.9**	**196.7**
Federal Reserve notes	50.3	70.9	77.2	83.7	93.2	103.3	113.3	124.2	131.9	142.0	157.1
Deposits	26.7	30.6	34.8	37.3	35.6	37.0	35.7	31.5	30.8	32.9	26.1
Deferred availability cash items	6.9	6.3	5.5	5.2	5.8	6.5	6.8	8.1	6.8	7.0	8.1
Other, and accrued dividends	.6	1.1	1.1	1.1	1.2	2.1	2.7	2.3	2.7	2.3	2.5
Capital accounts	1.4	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.6	2.7	2.9

[1] *Includes securities loaned, fully secured by U.S. Government securities pledged with Federal Reserve banks.*
[2] Excludes securities sold and scheduled to be bought back under matched sale-purchase transactions.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 816. Federal Reserve Member Banks—Revenue and Expenses: 1970 to 1983

[Includes one member bank in the Virgin Islands]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Member banks	Number	5,769	5,782	5,790	5,760	5,669	5,564	5,425	5,422	5,474	5,619	5,805
Current revenue	Bil. dol.	27.9	53.8	51.4	63.6	70.5	89.1	118.9	150.6	196.6	202.3	185.8
Expenses	Bil. dol.	22.2	46.8	44.4	55.9	61.7	77.8	105.8	136.5	181.9	188.4	171.8
Net current earnings	Bil. dol.	5.7	7.0	7.0	7.7	8.8	11.3	13.1	14.2	14.7	13.9	14.0
Net income	Bil. dol.	3.8	5.4	5.5	5.9	6.6	7.8	9.2	9.9	10.6	10.7	10.8
Cash dividends declared	Bil. dol.	1.8	2.3	2.5	2.5	2.6	2.9	3.5	3.9	4.4	4.9	5.5
Capital accounts [1]	Bil. dol.	33.0	46.2	50.0	50.6	56.6	61.5	67.1	73.7	80.9	88.7	96.7
Ratios to avg. capital accounts:												
Net current earnings	Percent	17.4	15.2	13.9	15.2	15.6	18.4	19.5	19.2	18.2	15.7	14.5
Net income	Percent	11.6	11.6	11.1	11.5	11.7	12.8	13.7	13.4	13.1	12.1	11.2
Cash dividends declared	Percent	5.3	4.9	5.0	4.8	4.8	4.8	5.2	5.3	5.5	5.5	5.7

[1] Averages of amounts reported for varying call dates; for details, see source.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 817. Selected Financial Institutions—Number and Assets, by Type of Institution and Asset Size: 1983

[As of **December**]

ASSET SIZE	Unit	Insured commercial banks [1 2]	Savings and loan associations [3]	Mutual savings banks [1 4]	Credit unions [5]	PERCENT DISTRIBUTION: Insured commercial banks [1 2]	Savings and loan associations [3]	Mutual savings banks [1 4]	Credit unions [5]
NUMBER OF INSTITUTIONS									
Total	**Number**	**14,473**	**3,513**	**393**	**15,877**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $250,000	Number				3,495				22.0
$250,000–$999,000	Number	356	75	26	4,781	2.5	2.1	6.6	30.1
$1.0 million–$4.9 million	Number		140		4,744		4.0		29.9
$5.0 million–$9.9 million	Number	1,302	145	1	1,223	9.0	4.1	.3	7.7
$10.0 million–$24.9 million	Number	4,162	540	8	964	28.8	15.4	2.0	6.1
$25.0 million–$49.9 million	Number	3,747	640	19	383	25.9	18.2	4.8	2.4
$50.0 million–$99.9 million	Number	2,623	686	83	197	18.1	19.5	21.1	1.3
$100.0 million–$499.9 million	Number	1,836	999	184	86	12.7	28.5	46.8	.5
$500.0 million or more	Number	447	288	72	4	3.1	8.2	18.3	(z)
ASSETS									
Total	**Bil. dol**	**2,027.3**	**771.7**	**179.5**	**82.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $250,000	Bil. dol				.5				.6
$250,000–$999,000	Bil. dol	1.2	(z)	(z)	2.6	.1	(z)	(z)	3.2
$1.0 million–$4.9 million	Bil. dol		.4		11.1		(z)		13.5
$5.0 million–$9.9 million	Bil. dol	10.0	1.1	(z)	8.7	.5	.1	(z)	10.6
$10.0 million–$24.9 million	Bil. dol	70.9	9.5	.1	14.7	3.5	1.2	.1	17.9
$25.0 million–$49.9 million	Bil. dol	134.1	23.5	.7	13.4	6.6	3.0	.4	16.4
$50.0 million–$99.9 million	Bil. dol	181.0	48.9	6.1	13.6	8.9	6.3	3.4	16.6
$100.0 million–$499.9 million	Bil. dol	347.6	212.5	41.6	14.1	17.1	27.6	23.2	17.2
$500.0 million or more	Bil. dol	1,282.5	475.8	130.9	3.3	63.3	61.7	72.9	4.0

Z Less than $50 million or less than .05 percent.

[1] Source: U.S. Federal Deposit Insurance Corporation, *Statistics on Banking*, annual.

[2] Assets data cover domestic assets only.

[3] Source: U.S. League of Savings Institutions, Washington, DC, *The Savings and Loan Source Book*, annual.

[4] Excludes federally chartered mutual savings banks.

[5] Source: National Credit Union Administration, *National Credit Union Administration Yearend Statistics 1983*. Excludes nonfederally insured State chartered credit unions and federally insured corporate credit unions.

Source: Compiled from sources listed in footnotes.

No. 818. Domestic Deposit Market Shares by Type of Institution—States: 1983

[As of **Dec. 31**, except savings and loan associations, as of **Sept. 30**]

Region, division, and state	Total (mil. dol.)	Percent distribution			
		F.D.I.C.-insured commercial banks [1]	F.S.L.I.C.-insured savings and loan assns. [2]	Mutual savings banks [3]	Credit unions [4]
U.S.	**2,434,589**	**62.7**	**26.5**	**7.1**	**3.7**
Region:					
Northeast	660,426	57.8	14.9	24.9	2.5
Midwest	584,621	67.4	28.9	.1	3.7
South	694,660	66.8	28.7	.5	4.1
West	494,885	58.1	36.0	1.0	4.9
N.E.	**133,097**	**47.3**	**8.9**	**38.8**	**5.1**
ME	8,000	44.4	8.6	39.3	7.8
NH	8,868	46.6	15.1	34.0	4.2
VT	4,168	70.1	6.0	20.4	3.5
MA	63,088	49.0	6.4	39.4	5.2
RI	9,910	62.3	7.7	21.7	8.3
CT	39,063	38.9	12.1	45.1	3.8
M.A.	**527,329**	**60.4**	**16.4**	**21.4**	**1.8**
NY	326,007	61.4	10.3	27.0	1.4
NJ	79,822	49.5	35.8	12.7	1.9
PA	121,500	65.0	20.2	12.1	2.8
E.N.C.	**398,556**	**65.5**	**30.4**	**.1**	**3.9**
OH	91,723	56.8	39.9	-	3.3
IN	45,830	72.1	22.1	.7	5.1
IL	146,937	67.1	30.5	-	2.4
MI	72,729	69.3	24.1	-	6.6
WI	41,337	65.4	29.4	.2	4.9
W.N.C.	**186,065**	**71.3**	**25.5**	**-**	**3.2**
MN	42,128	74.2	22.4	-	3.4
IA	30,961	74.7	22.0	-	3.3
MO	51,530	66.9	29.7	-	3.4
ND	8,009	68.8	27.5	-	3.7
SD	9,207	85.7	12.6	-	1.8
NE	17,568	70.3	27.0	-	2.7
KS	26,662	67.6	29.2	-	3.1
S.A.	**317,244**	**59.5**	**34.7**	**1.0**	**4.7**
DE	6,661	83.2	2.8	11.8	2.2
MD	29,791	57.6	29.3	7.0	6.1
DC	12,830	66.1	26.8	-	7.0
VA	41,886	64.7	26.5	-	8.8
WV	12,851	82.9	13.9	-	3.2
NC	38,128	65.8	29.7	-	4.5
SC	16,870	55.6	39.3	-	5.0
GA	38,785	66.3	29.3	-	4.4
FL	117,222	49.4	47.4	-	3.2
E.S.C.	**101,924**	**74.2**	**21.6**	**-**	**4.2**
KY	27,370	75.0	22.5	-	2.4
TN	34,438	72.4	22.5	-	5.1
AL	24,406	72.5	21.2	-	6.3
MS	15,710	79.3	18.4	-	2.3
W.S.C.	**275,492**	**72.4**	**24.3**	**-**	**3.3**
AR	18,431	68.9	29.9	-	1.2
LA	38,965	71.4	26.1	-	2.6
OK	33,850	76.2	19.7	-	4.1
TX	184,246	72.3	24.2	-	3.6
Mt.	**100,420**	**66.6**	**27.1**	**-**	**6.3**
MT	7,354	77.7	17.0	-	5.3
ID	6,719	77.6	17.2	-	5.1
WY	4,986	76.0	21.1	-	2.9
CO	29,742	60.0	33.6	-	6.4
NM	10,645	68.1	26.6	-	5.3
AZ	24,027	65.9	28.9	-	5.2
UT	10,056	71.0	16.4	-	12.6
NV	6,891	59.2	34.1	-	6.6
Pac.	**394,465**	**56.0**	**38.3**	**1.2**	**4.5**
WA	36,324	56.6	24.9	12.5	6.1
OR	20,599	58.9	34.7	.9	5.5
CA	322,290	55.4	40.7	-	3.9
AK	4,386	72.2	9.0	1.7	17.1
HI	10,866	57.5	32.5	-	9.9

- Represents zero. [1] Source: U.S. Federal Deposit Insurance Corporation (F.D.I.C.), unpublished data. [2] Source: U.S. Federal Home Loan Bank Board, *Summary of Savings Accounts by Geographic Areas*, annual. F.S.L.I.C.-Federal Savings and Loan Insurance Corporation. [3] Source: National Council of Savings Institutions, Washington, DC, *1984 Fact Book of National Council of Savings Institutions*. [4] Source: Credit Union National Association, Inc., Madison, WI, *Credit Union Report*, annual. Preliminary estimates based on projections from 15,000 reporting credit unions.

Source: Compiled from sources listed in footnotes.

No. 819. Banking Offices, by Deposit Insurance Status: 1970 to 1983

[As of **December 31**. Includes Puerto Rico and outlying areas. Beginning 1982 excludes automatic teller machines that were *previously being reported by many banks as branches. See also Historical Statistics, Colonial Times to 1970*, series X 718-724]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
All banking offices	**37,166**	**47,239**	**48,653**	**50,695**	**52,608**	**54,926**	**57,232**	**59,348**	**57,913**	**59,050**
Commercial banks, total	35,585	44,917	46,100	47,914	49,602	51,588	53,649	55,749	54,829	55,980
Member, Federal Reserve System	21,989	26,526	27,154	27,904	28,456	29,163	29,985	31,414	30,921	31,946
National banks	17,191	21,073	21,459	22,294	22,731	23,307	24,217	25,221	24,867	26,090
State banks	4,798	5,453	5,695	5,610	5,725	5,856	5,768	6,193	6,054	5,856
Nonmember banks	13,596	18,391	18,946	20,010	21,146	22,425	23,664	24,335	23,908	24,014
Insured	13,332	18,043	18,578	19,619	20,730	21,993	23,186	23,788	23,314	23,380
Noninsured	*264*	*348*	*368*	*391*	*416*	*432*	*478*	*547*	*594*	*634*
Mutual savings banks, total	1,581	2,322	2,553	2,781	3,006	3,338	3,583	3,599	3,084	3,090
Insured	1,223	1,897	2,125	2,302	2,517	2,840	3,066	3,217	2,733	2,760
Noninsured	358	425	428	479	489	498	517	382	351	330

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report*.

No. 820. Changes in Number of Operating Banking Offices: 1970 to 1983

[As of **December 31.** Includes Puerto Rico and outlying areas. Minus sign (–) indicates decrease]

TYPE OF CHANGE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Banking offices [1]	**37,166**	**47,239**	**48,653**	**50,695**	**52,608**	**54,926**	**57,232**	**59,348**	**57,913**	**59,050**
Number of banks	14,199	15,130	15,170	15,207	15,206	15,201	15,330	15,355	15,412	15,440
Number of branches [1]	22,967	32,109	33,483	35,488	37,402	39,725	41,902	43,993	42,501	43,610
Net change during year	**1,584**	**1,931**	**1,414**	**2,041**	**1,909**	**2,318**	**2,306**	**2,116**	**–1,435**	**1,137**
Offices opened	1,864	2,224	1,819	2,524	2,426	2,891	2,800	2,901	2,387	2,119
Banks	186	277	193	206	184	239	271	265	379	432
Branches	1,678	1,947	1,626	2,318	2,242	2,652	2,529	2,636	2,008	1,687
Offices closed	280	293	405	483	517	573	494	785	3,822	982
Banks	165	108	153	169	185	244	142	240	322	404
Branches	115	185	252	314	332	329	352	545	[2] 3,500	578

[1] See headnote, table 819. [2] Includes 3,000 automatic teller machines that were previously reported as branches.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 821. Changes in Commercial Banking Structure: 1953 to 1983

[Minus sign (–) indicates decrease]

CHANGE	1953–1983	1971 and 1972	1973 and 1974	1975 and 1976	1977 and 1978	1979 and 1980	1981 and 1982	1983
All commercial banks:								
Number of banks, beginning of period	14,074	13,686	13,927	14,458	14,671	14,711	14,836	14,960
New banks organized	6,154	472	752	464	380	500	643	374
Mergers and absorptions	–4,929	–218	–214	–234	–330	–306	–505	–300
Voluntary liquidations, suspensions	–267	–13	–7	–17	–10	–69	–14	–2
Number of banks, end of period	15,032	13,927	14,458	14,671	14,711	14,836	14,960	15,032
Net change in banks	958	241	531	213	40	125	124	72
Number of branches, end of period	40,380	24,611	28,432	31,119	34,579	38,492	39,532	40,380
Net change in branches	34,854	2,967	3,821	2,687	3,460	3,913	1,040	848

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; *Annual Statistical Digest;* and unpublished data.

No. 822. Banks Closed Due to Financial Difficulties: 1951 to 1983

[Prior to 1959, excludes Alaska and Hawaii. Banks are closed either permanently or temporarily by order of supervisory authorities or by directors of banks. See *Historical Statistics, Colonial Times to 1970,* series X 741, 748, 756, and 761]

ITEM	Unit	1951–1960	1961–1970	1971–1980	1977	1978	1979	1980	1981	1982	1983
Total banks	Number	43	63	83	6	7	10	10	10	42	48
Insured	Number	28	50	79	6	7	10	10	10	42	48
Noninsured	Number	15	13	4	-	-	-	-	-	-	-
Deposits	$1,000	114,972	342,360	5,371,655	205,208	854,154	110,696	216,300	3,826,022	9,908,379	5,441,606
Insured	$1,000	104,610	334,570	5,290,491	205,208	854,154	110,696	216,300	3,826,022	9,908,379	5,441,608
Noninsured	$1,000	10,362	7,790	81,164	-	-	-	-	-	-	-

– Represents zero.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 823. Bank Holding Companies—Offices, Assets, Deposits: 1970 to 1983

[As of **Dec. 31.** A "bank holding company" means any company which has control over any bank or over any company that is, or becomes, a bank holding company by virtue of the Bank Holding Company Act and its amendments. Represents domestic data only]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of companies	121	1,821	1,912	2,027	2,222	2,478	2,905	3,500	4,285	5,083
Banking offices	4,155	22,056	22,990	24,243	25,614	27,099	29,924	33,733	37,068	41,457
Banks	895	3,674	3,791	3,903	4,101	4,280	4,954	5,689	6,731	7,721
Branches	3,260	18,382	19,199	20,340	21,513	22,819	24,970	28,044	30,337	33,736
Assets (bil. dol.)	92.9	661.3	700.0	795.1	905.0	1,004.7	1,134.4	1,296.7	1,537.9	1,735.9
Percent of all commercial banks	16.1	68.6	67.9	68.2	68.7	70.6	74.1	77.3	82.6	85.9
Deposits (bil. dol.)	78.1	527.5	553.6	624.3	691.1	744.7	840.6	936.7	1,113.7	1,279.4

Source: Board of Governors of the Federal Reserve System, *Banking and Monetary Statistics, 1941–1970; Annual Statistical Digest;* and unpublished data.

No. 824. Commercial Banks—Assets and Liabilities: 1970 to 1983

[In billions of dollars, except number of banks. As of Dec. 31. Includes noninsured nondeposit trust companies. Includes outlying areas. Beginning 1980, excludes American branches of foreign banks. See *Historical Statistics, Colonial Times to 1970*, series X 588–609, for related data]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of banks	13,705	14,657	14,698	14,738	14,741	14,738	14,704	14,718	14,763	14,789
Assets	**581.5**	**974.7**	**1,040.1**	**1,176.6**	**1,329.0**	**1,437.7**	**1,543.5**	**1,692.3**	**1,878.3**	**2,031.6**
Securities, total [1]	148.5	230.8	253.2	261.0	272.0	287.8	326.0	342.4	375.4	430.7
U.S. Treasury	59.3	81.6	98.0	97.0	90.6	88.8	104.5	103.5	118.7	168.4
Obligations of States and subdivisions	67.9	101.6	103.3	113.7	124.6	133.3	146.5	151.4	154.9	158.8
Federal funds sold and securities purchased [2]	16.3	39.3	48.5	54.2	55.0	63.5	71.4	91.2	103.6	93.3
Loans, gross	300.4	512.5	552.1	632.3	737.6	813.8	841.8	932.5	1,033.4	1,126.2
Commercial and industrial loans	113.4	181.0	185.1	207.3	236.9	265.8	283.3	329.7	382.7	404.5
Real estate loans	73.3	136.5	151.2	179.0	214.0	245.2	263.6	284.0	300.3	328.3
Construction and land development	(3)	(3)	17.3	21.4	27.3	32.9	36.8	45.1	52.4	60.6
Secured by farmland	4.4	6.4	6.7	7.8	8.5	8.6	8.7	8.4	8.4	9.3
Secured by residential properties	45.6	83.1	85.9	101.9	124.4	143.9	154.1	163.1	167.2	176.9
Secured by other properties	23.3	46.9	41.3	47.9	53.8	59.7	63.9	67.4	72.3	81.5
Loans to financial institutions [4]	18.6	42.5	42.7	43.9	55.5	48.9	46.7	57.1	73.8	77.3
Securities loans (dealers and other)	9.8	11.1	15.4	17.4	14.9	13.6	12.5	15.3	13.7	17.0
Loans to farmers (excl. *real estate*)	11.2	20.2	23.2	25.7	28.3	31.1	31.6	33.0	36.2	39.0
Other loans to individuals	66.3	107.6	119.3	141.5	167.9	187.9	181.7	186.8	193.0	218.1
All other loans (incl. overdrafts)	7.7	13.6	15.1	17.5	20.1	21.3	22.1	26.6	33.7	42.0
Net loans	(x)	(x)	533.2	610.5	711.9	784.6	812.2	902.0	1,001.8	1,093.6
Cash, balances with banks, etc.	94.0	134.5	136.8	170.1	188.5	198.9	202.3	197.3	211.2	228.4
Other	22.4	57.7	68.4	80.9	101.4	102.6	131.7	159.4	166.3	185.6
Liabilities and equity capital	[1] 581.5	[1] 974.7	1,040.1	1,176.6	1,329.0	1,437.7	1,543.5	1,692.3	1,878.3	2,031.6
Deposits	485.5	792.9	845.1	947.1	1,043.3	1,108.7	1,194.0	1,277.8	1,406.1	1,534.5
Demand	249.0	325.5	338.7	384.9	408.5	435.0	439.1	385.5	372.2	389.8
Time and savings	236.5	467.4	506.4	562.2	634.7	673.7	760.9	892.3	1,034.0	1,144.7
Business and personal	397.3	652.9	704.8	788.3	875.0	940.8	1,029.2	1,126.1	1,236.3	1,371.6
Government	49.7	71.1	72.3	85.1	88.8	87.2	84.8	86.1	90.5	86.9
Domestic interbank	29.2	45.3	45.6	60.4	67.1	69.3	79.6	65.6	79.4	76.0
Foreign government and bank	9.3	23.5	22.4	13.3	12.3	11.1				
Miscellaneous liabilities	46.5	103.3	116.7	143.4	191.2	225.2	235.6	289.6	336.1	350.9
Subordinated notes and *debentures*	2.2	4.6	5.3	5.8	5.9	6.0	6.3	6.3	6.9	6.6
Equity capital	41.0	64.9	73.1	80.3	86.6	97.8	108.1	118.6	129.2	140.6
Stock	11.4	15.7	16.4	17.4	18.5	20.6	22.0	23.8	25.1	26.4
Surplus	18.2	26.9	29.3	31.7	33.7	35.5	37.9	40.4	43.4	47.8
Undivided profits and reserve	11.4	22.3	27.4	31.2	36.4	41.8	48.2	54.4	60.7	66.4

X Not applicable. [1] Includes other categories not shown separately. [2] Under agreements to resell. [3] Prior to 1976, included in other categories of real estate loans. [4] Includes loans to foreign banks.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual; beginning 1978, *Annual Report* and unpublished data.

No. 825. Insured Commercial Banks—Selected Measures of Financial Condition: 1975 to 1983

[As of December 31]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of banks	Number	14,467	14,494	14,439	14,372	14,364	14,435	14,415	14,451	14,469
Equity and debt capital	Bil. dol.	70.3	77.4	85.1	93.2	103.3	114.1	124.8	136.2	147.7
Equity capital to total assets	Percent	6.1	6.1	5.9	5.8	5.7	5.8	5.8	5.9	6.0
Equity capital to total deposits	Percent	8.5	7.3	7.1	7.1	7.1	7.3	7.4	7.6	7.6
Debt capital to total capital	Percent	6.3	6.7	6.9	6.6	6.1	5.7	5.2	5.4	4.8
Total capital to total assets	Percent	6.5	6.6	6.4	6.2	6.1	6.2	6.2	6.2	6.3
Total capital to total liabilities	Percent	6.9	7.0	6.8	6.6	6.5	6.6	6.6	6.6	6.7
Total capital to risk assets	Percent	9.0	9.1	8.8	8.5	8.3	8.4	8.2	8.2	8.4
Total loans, excluding Federal *funds*	Bil. dol.	579.4	626.9	722.4	828.5	931.2	1,002.5	912.3	1,208.1	1,299.8
Total loans to deposits	Percent	63.4	63.2	64.7	67.4	68.4	67.7	70.2	70.8	70.6
Net loan losses to average total *loans*	Percent	.61	.64	.47	.37	.34	.38	.36	.56	.67
Aggregate net operating income [1]	Mil. dol.	7,146	7,615	8,726	10,899	13,126	14,484	15,600	15,587	14,978
Aggregate net income to average *equity capital*	Percent	11.3	11.0	11.5	13.1	14.3	14.1	13.8	12.1	11.1
Aggregate net income to total assets	Percent	.72	.73	.75	.82	.88	.78	.77	.72	.66

[1] After taxes and before security transactions.

Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980, and unpublished data.

No. 826. Commercial Banks—Domestic Assets and Deposits, States and Other Areas: 1983

[In millions of dollars, except as indicated. As of December 31. Excludes foreign branches of U.S. banks]

State or other area	All commercial banks [1]					Insured commercial banks					
	Assets		Deposits			Assets				Deposits	
							Gross loans				
	Total	Percent held by multibank holding companies	Total	Per capita [2] (dol.)	Percent held by multibank holding companies	Total [3]	Total [3]	Commercial and industrial	Real estate	Total [3]	Time and savings
Total	(NA)	(NA)	(NA)	(NA)	(NA)	**2,027,298**	**1,125,689**	**404,365**	**327,986**	**1,533,938**	**1,144,409**
U.S	**2,019,904**	**56.2**	**1,527,225**	**6,527**	**52.7**	**2,018,487**	**1,122,379**	**403,304**	**327,040**	**1,526,897**	**1,138,749**
AL	22,088	64.1	17,692	4,469	60.6	22,088	10,403	3,163	3,228	17,692	13,137
AK	3,949	10.8	3,166	6,610	11.7	3,949	2,173	747	1,132	3,166	2,160
AZ	18,988	25.5	15,836	5,345	26.0	18,974	11,518	3,331	3,913	15,838	11,684
AR	15,066	14.7	12,695	5,453	14.2	15,053	7,673	2,583	2,740	12,695	10,114
CA	227,874	45.0	178,681	7,098	46.0	227,865	149,469	48,645	54,448	178,681	133,137
CO	22,252	71.1	18,025	5,742	69.6	21,850	12,766	4,426	3,892	17,853	12,515
CT	18,803	43.1	15,210	4,847	42.5	18,803	10,704	3,393	3,831	15,210	10,153
DE	12,803	49.1	7,385	12,186	44.1	12,802	9,322	2,549	1,560	7,385	6,227
DC	11,012	8.2	8,483	13,616	7.9	11,012	5,450	2,011	1,731	8,483	5,909
FL	69,149	73.9	57,895	5,421	72.9	69,118	34,010	8,353	14,057	57,873	42,973
GA	33,956	67.9	25,710	4,485	63.4	33,956	17,091	5,321	4,768	25,710	17,309
HI	7,251	6.1	6,261	6,120	6.4	7,210	4,001	1,157	1,873	6,253	4,948
ID	6,438	82.9	5,216	5,274	81.3	6,438	3,837	1,164	1,032	5,216	4,248
IL	136,972	43.3	98,611	8,585	36.6	136,914	79,138	34,430	19,338	98,611	75,400
IN	39,591	2.7	33,064	6,035	2.7	39,591	19,477	4,815	7,516	33,064	26,462
IA	26,921	34.9	23,133	7,963	34.6	26,913	12,875	2,851	3,440	23,126	19,400
KS	20,907	11.1	18,035	7,437	10.8	20,907	10,757	3,335	2,422	18,035	14,539
KY	25,315	12.8	20,539	5,530	10.7	25,313	12,629	3,524	4,195	20,538	15,789
LA	32,959	-	27,816	6,268	-	32,959	17,238	6,216	5,721	27,816	20,445
ME	4,206	51.5	3,549	3,097	50.6	4,206	2,142	671	824	3,549	2,699
MD	21,917	64.2	17,152	3,985	61.9	21,917	10,832	3,271	4,355	17,152	11,984
MA	42,715	74.9	30,919	5,361	72.8	42,718	21,712	9,565	5,633	30,919	21,019
MI	61,755	76.9	50,379	5,555	74.6	61,755	31,548	10,136	11,807	50,379	40,375
MN	41,602	67.0	31,260	7,543	61.4	41,557	23,400	8,368	6,630	31,240	24,409
MS	14,634	-	12,453	4,814	-	14,634	7,397	1,817	2,535	12,453	9,777
MO	42,827	74.2	34,467	6,935	71.7	42,783	20,733	6,386	6,846	34,466	25,517
MT	6,884	67.3	5,713	6,993	65.0	6,881	3,826	1,362	937	5,713	4,677
NE	14,663	21.8	12,348	7,732	20.3	14,651	7,926	1,843	1,201	12,344	9,760
NV	5,010	49.4	4,079	4,578	50.9	4,999	2,612	686	1,220	4,080	2,835
NH	4,761	45.6	4,130	4,307	44.1	4,761	2,881	683	1,324	4,131	3,359
NJ	46,540	58.9	39,519	5,292	57.6	46,540	24,728	7,971	9,456	39,519	28,061
NM	8,432	56.4	7,253	5,184	57.0	8,432	4,595	1,772	1,278	7,253	5,720
NY [4]	340,456	80.4	200,215	11,333	77.5	339,805	192,411	86,654	27,571	200,160	133,067
NC	34,412	22.9	25,086	4,125	21.5	34,412	18,034	6,260	5,123	25,086	18,611
ND	6,359	44.5	5,512	8,106	43.8	6,356	3,274	999	755	5,512	4,625
OH	66,343	71.2	52,121	4,850	69.0	66,342	34,634	9,931	11,343	52,121	40,773
OK	30,714	9.7	25,833	7,833	9.4	30,664	17,216	6,596	4,794	25,792	20,020
OR	15,334	77.4	12,134	4,558	74.9	15,333	8,901	3,040	2,851	12,134	9,571
PA	104,864	60.3	78,982	6,640	55.1	104,823	53,139	18,644	15,662	78,945	62,253
RI	9,152	22.1	6,175	6,466	25.9	9,152	5,042	1,666	2,089	6,175	4,768
SC	11,520	4.1	9,382	2,874	4.4	11,520	5,372	1,443	1,531	9,381	6,644
SD	10,435	73.7	7,886	11,266	69.3	10,434	7,357	874	740	7,886	7,051
TN	29,943	57.5	24,941	5,324	55.0	29,943	14,940	4,585	4,774	24,940	19,283
TX	172,091	74.1	133,082	8,464	70.5	172,130	98,369	43,716	29,238	133,122	97,669
UT	8,793	55.3	7,137	4,408	56.3	8,793	5,018	1,455	2,186	7,137	5,309
VT	3,248	25.3	2,920	5,562	25.6	3,247	2,108	471	1,164	2,920	2,422
VA	33,323	36.3	27,100	4,883	36.7	33,320	19,913	5,110	6,819	27,100	21,079
WA	25,021	76.2	20,547	4,778	74.4	25,021	15,827	6,162	4,743	20,547	15,410
WV	12,604	16.1	10,658	5,424	14.7	12,604	5,807	1,047	2,629	10,657	8,844
WI	32,753	56.5	27,050	5,694	53.8	32,742	17,857	5,020	7,507	27,050	21,546
WY	4,298	56.0	3,789	7,372	55.7	4,297	2,295	864	658	3,789	3,063
PR	(NA)	(NA)	(NA)	(NA)	(NA)	8,637	3,223	1,025	930	6,889	5,548
GU [5]	(NA)	(NA)	(NA)	(NA)	(NA)	174	87	36	16	152	112

- Represents zero. NA Not available. [1] Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*. [2] Based on U.S. Bureau of the Census resident population estimates as of July 1. [3] Includes other items not shown separately. [4] Includes data for Puerto Rican bank branches located in U.S. [5] Consists of data for one insured commercial bank chartered in Guam.

Source: Except as noted, U.S. Federal Deposit Insurance Corporation, unpublished data.

No. 827. 500 Largest Banks in the World—Number and Deposits; by Location of Bank: 1970 to 1983

[**Deposits in billions of dollars, except percent.** Data cover U.S. commercial banks and foreign banks that conduct a commercial banking business; beginning 1983, includes U.S. and foreign savings banks. Number of banks includes banks more than 50 percent owned by other banks. To avoid double-counting of deposits, banks more than 50 percent owned by other banks are excluded from deposit totals if their parent bank consolidates their deposits]

LOCATION OF BANK	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	PERCENT		
											1970	1980	1983
NUMBER													
U.S. banks	185	137	129	115	106	95	93	97	97	102	37.0	18.6	20.4
Foreign banks	315	363	371	385	394	405	407	403	403	398	63.0	81.4	79.6
DEPOSITS													
Total	880.0	2,175.6	2,479.1	2,980.0	3,668.5	4,507.9	4,993.6	5,212.9	5,230.4	5,679.4	100.0	100.0	100.0
U.S. banks	296.1	493.7	525.1	577.0	635.1	697.4	753.5	806.1	794.2	881.7	33.3	15.1	15.5
Foreign banks	593.9	1,681.9	1,954.0	2,403.0	3,253.4	3,810.5	4,240.1	4,406.8	4,436.2	4,797.7	66.7	84.9	84.5

Source: *American Banker*, New York, NY, selected July issues.

No. 828. Foreign Branches of U.S. Federal Reserve Member Banks—Number and Assets: 1970 to 1983

[**As of year end.** The foreign branch activities of nonmember banks are not significant]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Member banks operating foreign branches	Number	79	126	126	130	137	139	159	159	162	163
Foreign branches	Number	532	762	723	730	761	789	787	841	900	[1] 890
Assets of foreign branches [2] [3]	Bil. dol.	50.0	146.3	174.5	205.0	232.0	279.5	310.5	343.3	341.3	[4] 345.0
Percent of total assets of *all* insured commerical banks [5]	Percent	7.3	13.1	14.5	15.0	15.0	15.4	16.3	16.1	14.2	12.6
Assets of branches in United *Kingdom* [2]	Bil. dol.	24.0	66.7	70.6	79.2	78.2	95.0	107.4	111.9	110.8	(NA)
Assets of branches in The Bahamas and Cayman Islands [2]	Bil. dol.	4.0	36.6	54.5	64.2	67.9	87.5	93.3	104.8	100.5	(NA)

NA Not available. [1] Preliminary. [2] Data exclude *claims on other* foreign branches of the same bank. [3] Includes assets of foreign branches in other countries, not shown separately. [4] Estimated. [5] Percentagers reflect adjustments to exclude foreign branch claims on the U.S. offices of their parent banks.

Source: Board of Governors of the Federal Reserve System, unpublished data.

No. 829. U.S. Banking Offices of Foreign Banks—Selected Assets and Liabilities: 1974 to 1984

[As of **December**, except as indicated. Offices include agencies, branches, subsidiary commercial banks and New York investment companies, and exclude Puerto Rican banks]

ITEM	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, Mar.
Assets, total	Bil. dol.	46.1	52.4	61.3	76.8	109.1	149.6	200.6	250.6	299.7	328.9	325.6
Standard banking assets	Bil. dol.	36.9	42.1	48.5	59.0	87.6	122.5	163.8	216.4	252.3	275.0	293.2
Loans, total	Bil. dol.	27.0	29.9	35.4	41.5	65.3	91.9	121.4	157.7	185.1	193.3	187.2
Business loans	Bil. dol.	18.8	19.9	19.7	22.0	32.7	48.2	59.6	73.6	82.5	84.5	24.4
Deposits, total	Bil. dol.	17.0	22.6	26.1	33.8	46.3	62.8	80.4	101.8	154.3	181.2	183.8
SHARE [1]												
Assets, total	Percent	4.9	5.3	5.8	6.4	8.0	9.9	11.9	13.5	14.4	14.6	14.8
Standard banking assets	Percent	4.3	4.7	5.1	5.6	7.3	9.1	11.0	12.9	13.5	13.6	14.7
Loans, *total*	Percent	5.1	5.7	6.4	6.6	8.8	10.9	13.4	15.4	16.2	15.6	15.0
Business loans	Percent	9.5	10.4	10.2	10.3	13.1	16.3	18.2	19.2	18.8	18.3	17.3
Deposits, total	Percent	2.3	2.9	3.1	3.6	4.5	5.6	6.6	7.7	10.3	11.0	11.5

[1] Percent of "domestically owned" commercial banks plus U.S. offices of foreign banks.

Source: Board of Governors of the Federal Reserve System, unpublished data.

No. 830. Foreign Lending by Large U.S. Banks, by Country, Type of Borrower, and Maturity: 1983

[**In millions of dollars.** As of **December.** Covers 209 U.S. banking organizations which do nearly all of the foreign lending in the country. Data represent claims on foreign residents and institutions held at all domestic and foreign offices of covered banks. Data cover only cross-border and non-local currency lending. These result from a U.S. bank's office in one country lending to residents of another country or lending in a currency other than that of the borrower's country. Excludes $81.4 billion in local currency loans and other claims and $52.7 billion in local currency liabilities held by banks' foreign offices on residents of the country in which the office was located (e.g. Deutsche mark loans to German residents booked at the German branch of the reporting U.S. bank)]

COUNTRY	Total claims [1]	Bank borrowers	Public borrowers	Maturity, one year or less	COUNTRY	Total claims [1]	Bank borrowers	Public borrowers	Maturity, one year or less
Total [2]	**357,348**	**183,648**	**76,340**	**249,544**	Korea, Rep. of	11,482	6,355	2,282	8,260
Algeria	1,179	217	826	499	Kuwait	1,625	1,107	46	1,551
Argentina	8,504	2,292	3,596	6,058	Liberia	2,001	12	79	710
Australia	5,735	872	526	2,681	Malaysia	1,812	219	1,020	657
Austria	1,866	1,415	339	1,533	Mexico	26,338	4,474	12,008	13,301
Bahamas	8,108	7,710	47	7,519	Morocco	911	502	339	599
Bahrain	2,256	2,124	45	2,217	Netherlands	3,371	2,034	115	2,639
Belgium-Luxembourg	10,982	8,912	1,297	9,541	Netherlands Antilles	1,366	368	16	833
Brazil	20,653	8,207	8,250	8,163	New Zealand	830	37	267	332
British West Indies	8,356	8,131	69	8,123	Nigeria	2,066	349	1,553	754
Canada	11,877	7,403	606	8,878	Norway	3,423	815	95	1,458
Chile	6,201	3,136	1,754	2,800	Panama	3,974	2,048	393	2,797
China:					Peru	2,495	516	1,610	1,537
Mainland	685	243	333	578	Philippines	6,062	1,285	2,795	3,774
Taiwan	3,746	1,008	1,295	1,973	Poland	1,067	449	610	379
Colombia	3,316	1,408	1,051	2,140	Portugal	1,466	652	622	837
Denmark	3,682	1,049	1,208	1,560	Saudi Arabia	2,192	589	23	1,763
Ecuador	2,086	420	1,238	1,297	Singapore	7,734	6,180	94	7,343
Egypt	1,585	1,043	348	1,287	South Africa	4,637	2,936	488	3,881
Finland	2,304	1,337	399	1,609	Soviet Union	154	59	92	96
France	13,757	10,443	1,821	10,785	Spain	6,434	2,638	1,563	3,455
German Dem. Rep.	485	261	204	320	Sweden	5,465	3,035	1,608	3,662
Germany, Fed. Rep	6,051	1,821	637	4,820	Switzerland	3,673	1,877	164	3,260
Greece	3,426	289	820	2,317	Thailand	2,102	1,061	403	1,656
Hong Kong	8,771	4,975	162	7,137	Turkey	1,718	268	1,364	446
Hungary	904	85	816	376	United Arab Emirates	1,630	1,089	328	1,400
Indonesia	3,559	370	1,085	1,986	United Kingdom	50,299	39,295	968	44,631
India	752	313	146	471	Uruguay	1,049	91	835	313
Ireland	1,240	364	576	702	Venezuela	11,257	2,526	5,346	8,278
Israel	2,093	1,638	300	1,693	Yugoslavia	2,432	1,400	656	887
Italy	9,983	5,979	2,354	6,835					
Japan	21,308	13,834	112	17,052					

[1] Includes nonbank private borrowers and maturity over one year, not shown separately.
[2] Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, Federal Financial Institutions Examination Council, statistical release.

No. 831. Mutual Savings Banks—Assets and Liabilities: 1970 to 1983

[**In billions of dollars, except number of banks.** As of **Dec. 31.** Includes Puerto Rico through 1975. Excludes federally chartered mutual savings banks which were first allowed in 1979. See *Historical Statistics, Colonial Times to 1970*, series X 687-688 and X 821-833, for related data]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of banks	494	480	476	473	467	465	463	460	442	386	393
Assets [1]	**79.2**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**	**166.6**	**164.7**	**163.1**	**179.5**
Loans and discounts, gross	60.4	78.7	81.3	86.8	94.4	102.4	102.5	106.6	104.5	101.8	107.4
Real estate loans	57.9	74.9	77.2	81.6	88.2	95.2	96.2	98.1	95.0	89.5	92.9
Securities	16.2	26.0	34.2	42.0	46.6	47.8	46.1	48.0	46.0	44.8	53.8
U.S. Government	5.0	6.8	10.8	14.8	17.4	18.0	18.6	21.1	21.2	21.4	28.3
Other securities	11.2	19.1	23.4	27.2	29.1	29.8	27.5	26.9	24.8	23.4	25.4
Liabilities and surplus	**79.2**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**	**166.6**	**164.7**	**163.1**	**179.5**
Deposits	72.1	99.4	110.6	123.7	134.9	143.7	142.0	149.9	146.6	146.6	161.7
Miscellaneous liabilities	1.2	2.2	2.1	2.1	2.4	3.6	5.2	6.1	9.1	8.0	8.9
Surplus accounts	5.9	8.0	8.4	9.1	10.0	10.9	10.7	10.6	9.0	8.5	8.9

[1] Includes assets not shown separately.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 832. Savings and Loan Associations—Financial Summary: 1970 to 1983

[**In billions of dollars, except number of associations.** As of **December 31,** except as indicated. Includes Puerto Rico and Guam. See headnote, table 833. Excludes associations which have either liquidated or converted to banks; for details, see source. Minus sign (−) indicates outflow. See also *Historical Statistics, Colonial Times to 1970,* series X 834-844]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Number of associations	5,669	5,086	4,931	4,821	4,761	4,725	4,684	4,613	4,292	3,825	3,513
Number insured	4,365	4,141	4,078	4,044	4,065	4,053	4,039	4,002	3,779	3,343	3,040
Total assets	**176.2**	**295.5**	**338.2**	**391.9**	**459.2**	**523.6**	**579.0**	**629.8**	**664.2**	**707.6**	**771.7**
Cash and investment securities	16.5	23.3	30.9	35.7	39.2	44.9	46.3	57.6	63.1	85.4	103.4
Mortgage loans outstanding [1]	150.3	249.3	278.6	323.0	381.2	432.9	475.7	502.8	518.5	483.6	493.4
Other assets	9.3	22.9	28.7	33.2	38.9	45.9	56.9	69.4	82.6	138.6	174.9
Total liabilities	**163.8**	**277.1**	**318.5**	**369.9**	**434.0**	**494.6**	**546.3**	**596.4**	**635.8**	**661.4**	**740.8**
Savings capital	146.4	243.0	285.7	335.9	386.8	431.0	470.0	511.0	525.1	568.0	634.1
Other	17.4	34.1	32.7	34.0	47.2	63.6	76.3	85.4	110.7	113.4	106.7
Net worth [2]	12.4	18.4	19.8	22.0	25.2	29.0	32.6	33.4	28.4	26.2	30.9
Mortgage loans made during year [3 4]	**21.4**	**39.0**	**55.0**	**78.8**	**107.4**	**110.3**	**100.5**	**72.5**	**53.3**	**54.3**	**135.3**
Home construction [4]	4.2	6.5	8.7	13.0	18.2	20.1	18.6	13.5	10.3	9.1	18.5
Home purchase [4]	10.2	22.6	30.7	45.7	62.5	65.6	60.7	41.9	27.5	20.5	50.2
Net new savings [5]	5.3	4.7	29.3	34.4	32.0	23.5	15.0	10.7	−25.4	−6.4	62.8

[1] Includes real estate sold on contract. [2] Includes permanent stock. [3] Includes loans not shown separately.
[4] Covers only 1-4 unit residential structures. [5] Insured associations only.

Source: U.S. Federal Home Loan Bank Board, *Savings and Home Financing Source Book,* annual.

No. 833. Savings and Loan Associations—Selected Financial Items, States and Other Areas: 1982

[**In millions of dollars, except number of associations.** As of **December 31.** Major balance sheet items for all operating and insured associations not identical with those shown in table 832, primarily because some State-chartered associations submit their reports on dates other than Dec. 31. For composition of regions, see fig. 1, inside front cover]

REGION, DIVISION, AND STATE	Number of associations	Total assets	Mortgage loans outstanding	Savings capital
Total	**3,825**	**701,280**	**480,444**	**563,334**
U.S.	**3,812**	**698,285**	**478,782**	**561,289**
Region:				
Northeast	763	98,893	61,907	83,456
Midwest	1,226	190,672	132,272	158,660
South	1,437	202,646	142,991	170,060
West	386	206,074	141,612	149,113
N. Eng	**212**	**18,824**	**12,622**	**16,152**
ME	18	678	426	577
NH	13	1,277	958	1,128
VT	5	273	201	227
MA	134	8,224	5,891	7,089
RI	4	878	514	695
CT	38	7,494	4,632	6,436
Mid Atl	**551**	**80,069**	**49,285**	**67,304**
NY	89	23,728	12,668	19,524
NJ	169	30,771	18,169	25,824
PA	293	25,570	18,448	21,956
E. No. Cent	**904**	**137,836**	**94,895**	**116,445**
OH	333	42,862	31,222	36,420
IN	134	10,711	8,196	9,482
IL	296	47,694	30,626	40,653
MI	53	23,458	14,801	18,620
WI	88	13,111	10,050	11,270
W. No. Cent	**322**	**52,836**	**37,377**	**42,215**
MN	40	10,982	6,894	8,596
IA	63	7,671	5,689	6,156
MO	96	16,481	11,818	13,745
ND	7	2,689	1,885	2,050
SD	18	1,176	828	1,038
NE	27	5,861	4,402	4,321
KS	71	7,976	5,861	6,309
So. Atl	**676**	**116,386**	**83,276**	**97,853**
DE	15	262	186	227
So. Atl.—Con.				
MD	159	12,587	8,608	10,591
DC	8	3,658	2,535	2,698
VA	76	12,705	8,961	10,139
WV	25	1,827	1,175	1,586
NC	162	13,418	10,022	11,977
SC	44	6,929	5,161	6,095
GA	71	11,685	8,423	10,246
FL	116	53,315	38,205	44,294
E. So. Cent	**249**	**22,376**	**16,407**	**19,584**
KY	79	6,343	4,874	5,556
TN	81	7,848	5,812	6,755
AL	38	5,190	3,684	4,596
MS	51	2,995	2,037	2,677
W. So. Cent	**512**	**63,884**	**43,308**	**52,623**
AR	48	4,456	2,654	3,884
LA	119	10,029	7,232	8,677
OK	55	7,087	5,099	5,635
TX	290	42,312	28,323	34,427
Mt	**138**	**32,476**	**21,358**	**24,198**
MT	13	1,129	841	984
ID	9	1,175	801	872
WY	12	1,069	762	905
CO	43	9,673	7,077	7,457
NM	28	3,057	2,038	2,466
AZ	10	8,668	4,517	6,060
UT	16	5,032	3,546	3,443
NV	7	2,673	1,776	2,011
Pac	**248**	**173,598**	**120,254**	**124,915**
WA	45	10,992	7,962	8,155
OR	21	7,702	5,327	5,188
CA	171	151,195	104,157	108,969
AK	5	408	216	297
HI	6	3,301	2,592	2,306
PR	11	2,921	1,605	1,997
GU	2	72	55	48

Source: U.S. Federal Home Loan Bank Board, *Asset and Liability Trends,* annual.

No. 834. Savings Institutions (FSLIC-Insured)—Selected Financial Items and Ratios of Condition: 1970 to 1983

[As of **Dec. 31** for assets, liabilities and net worth; calendar year for other items. FSLIC-Federal Savings and Loan Insurance Corporation. Beginning 1983, includes FSLIC-insured savings and loan associations which changed to FSLIC-insured savings banks. Minus sign (−) indicates either loss or outflow]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
Assets	Bil. dol.	170.5	329.0	447.9	510.8	566.7	615.3	651.0	686.2	814.6
Mortgage loans outstanding	Bil. dol.	146.1	271.3	372.4	423.5	466.5	492.7	509.4	470.5	516.4
Liabilities	Bil. dol.	158.7	309.9	423.4	482.6	535.1	582.9	623.2	660.9	781.9
Net worth	Bil. dol.	11.9	19.1	24.4	28.1	31.6	32.4	27.8	25.3	32.7
Gross operating income	Bil. dol.	10.7	23.7	33.9	40.6	48.6	56.1	65.2	71.5	80.0
Operating expense	Bil. dol.	1.9	3.9	5.3	6.2	7.1	7.9	9.0	10.1	12.3
Cost of funds	Bil. dol.	6.1	17.6	24.1	28.7	36.4	47.4	63.3	70.3	67.7
Net income before taxes	Bil. dol.	1.2	2.1	4.6	5.7	5.2	1.2	−6.2	−5.9	2.7
Net income after taxes	Bil. dol.	.9	1.4	3.2	3.9	3.6	.8	−4.6	−4.3	2.0
Gross savings receipts	Bil. dol.	62.0	151.1	214.5	266.4	354.5	454.5	520.8	634.5	838.1
New savings received	Bil. dol.	56.5	138.4	196.3	245.7	330.6	424.2	482.0	590.8	793.9
Interest/dividends credited	Bil. dol.	5.5	12.8	18.2	20.7	23.9	30.3	38.8	43.7	44.3
Savings withdrawals	Bil. dol.	51.2	109.1	164.3	222.2	315.6	413.5	507.4	597.3	731.1
Net savings inflow	Bil. dol.	10.8	42.1	50.2	44.2	38.9	41.0	13.4	37.3	107.1
Net new savings received	Bil. dol.	5.3	29.3	32.0	23.5	15.0	10.7	−25.4	−6.4	62.8
Mortgage loans closed	Bil. dol.	20.8	53.8	105.3	108.3	98.7	71.3	52.3	53.4	132.4
Average cost of funds	Percent	5.30	6.32	6.44	6.67	7.47	8.94	10.92	11.38	9.83
Average effective dividend rate paid	Percent	5.14	6.21	6.39	6.56	7.29	8.78	10.71	11.19	9.71
Average interest return on mortgages	Percent	6.56	7.66	8.21	8.47	8.83	9.31	9.87	10.68	11.17
Net after taxes income to average assets	Percent	.57	.47	.77	.82	.67	.13	−.73	−.65	.27

Source: U.S. Federal Home Loan Bank Board, *Combined Financial Statements*, annual; *Savings and Home Financing Source Book*, annual; and *Federal Home Loan Bank Board Journal*, monthly.

No. 835. Federal and State-Chartered Credit Unions—Summary: 1970 to 1983

[As of **December 31.** Federal data include District of Columbia, Puerto Rico, Canal Zone, Guam, and Virgin Islands. State data include Puerto Rico. Beginning 1981, data exclude corporate central credit unions which have mainly other credit unions as members. See also *Historical Statistics, Colonial Times to 1970*, series X 864-878]

YEAR	CREDIT UNIONS REPORTING [1]		MEMBERS (1,000)		ASSETS (mil. dol.)		LOANS OUTSTANDING (mil. dol.)		SAVINGS (mil. dol.)	
	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2 3]
1970	12,977	10,679	11,966	10,853	8,861	9,089	6,969	7,137	7,629	7,857
1975	12,737	9,871	17,066	14,196	20,209	17,804	14,869	13,300	17,530	15,522
1979	12,738	9,274	24,790	18,409	36,468	29,524	28,547	23,677	31,831	25,626
1980	12,440	9,025	24,519	19,235	40,092	33,143	26,350	22,633	36,263	29,480
1981	11,951	8,746	25,449	19,620	39,181	32,596	27,238	23,156	35,248	28,971
1982	11,426	8,464	26,105	20,393	45,494	36,886	28,192	23,454	41,352	33,296
1983 [4]	10,962	8,200	26,798	21,757	54,482	43,830	33,201	27,172	49,889	39,634

[1] Represents operating credit unions. [2] No State or local credit union law in AK, DE, SD, WY, and for 1970 and 1975, HI and NV. [3] Includes members' deposits. [4] State data are preliminary.

Source: National Credit Union Administration, *Annual Report of the National Credit Union Administration*, and unpublished data.

No. 836. Federally Sponsored Credit Agencies—Selected Balance Sheet Items: 1970 to 1983

[**In billions of dollars.** As of **Dec. 31.** Assets and liabilities valued at par. Debt includes only publicly offered securities and are not guaranteed by U.S. Government. See *Historical Statistics, Colonial Times to 1970*, series N 300, for FHLB advances]

AGENCY AND ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Federal National Mortgage Association:											
Assets: Mortgage loans	15.5	29.6	31.8	32.9	34.4	43.2	50.8	57.3	59.8	69.7	75.7
Liabilities: Notes, bonds, and debentures	15.2	28.2	30.0	30.6	31.9	41.1	48.5	55.2	58.7	70.1	74.6
Federal Home Loan Banks (FHLB):											
Assets: Advances to members	10.6	21.8	17.8	15.9	20.2	32.7	41.8	49.0	65.2	66.0	59.0
Liabilities: Notes and bonds	10.2	21.9	18.9	16.8	18.3	27.6	33.3	41.3	58.1	56.0	51.2
Farm credit banks:											
Liabilities: Notes, bonds, and debentures	13.0	24.8	27.9	32.0	37.3	41.8	52.5	62.9	71.4	71.9	72.4
Federal Home Loan Mortgage Corporation:											
Liabilities: Notes, bonds, and debentures [1]	.3	1.6	1.6	1.7	1.7	2.3	2.8	2.5	2.6	4.5	6.8
Student Loan Marketing Association:											
Liabilities: Notes	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.4	2.3	3.4

X Not applicable. [1] Includes collateralized mortgage obligations.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*. Also published in Federal National Mortgage Association, *Annual Report*, and Federal Home Loan Banks, *Statements of Condition*.

No. 837. Holdings of Construction, Long-Term Mortgage, and Land Loans, by Type of Loan, 1970 to 1983, and by Lender, 1983

[In billions of dollars. As of end of year]

Type of loan	1970	1975	1980	1981	1982	1983						
						Total [1]	Lender					
							Savings and loan assn.	Commercial banks	Mutual savings banks	Life insurance companies	Federal credit agencies	Mortgage pools
Mortgage credits, total	**422**	**731**	**1,318**	**1,399**	**1,462**	**1,612**	**513**	**328**	**99**	**148**	**167**	**266**
Construction loans	18	41	63	68	78	110	44	52	2	1	4	–
1–4 unit family homes	5	13	26	26	26	33	19	12	1	–	–	–
Multifamily residential	6	12	14	15	17	23	9	8	–	–	4	–
Nonresidential	7	17	22	28	36	54	16	32	1	1	–	–
Farm properties	(Z)	–	–	–	–	–	–	–	–	–	–	–
Long-term mortgage loans	400	679	1,242	1,319	1,368	1,484	460	267	97	147	163	266
1–4 unit family homes	267	435	857	909	940	1,020	377	167	69	15	89	253
FHA insured	62	68	105	113	119	143	12	5	8	4	21	83
VA guaranteed	37	57	91	95	98	114	16	3	9	2	11	69
Conventional	168	310	661	702	723	763	349	159	52	9	57	101
Multifamily	46	82	114	118	116	124	41	9	14	19	15	6
Nonresidential	66	126	205	218	230	257	42	82	14	100	7	–
Farm properties	20	34	66	74	81	83	–	9	–	13	52	7
Land loans	4	11	13	12	16	18	9	8	–	–	–	–

– Represents zero. Z Less than $500 million. [1] Includes other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970–1979;* and monthly and quarterly press releases based on Survey of Mortgage Lending Activity.

No. 838. Mortgage Activity of Banks, Insurance Companies, and Savings and Loan Associations: 1970 to 1983

[In billions of dollars. Loans outstanding are as of end of year. Bank and savings and loan data include Puerto Rico. See *Historical Statistics, Colonial Times to 1970,* series N 266-267, X 836-839, and X 911]

Item	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Commercial banks:											
Loans outstanding [1]	73.3	132.1	136.2	151.3	177.8	212.7	243.8	262.3	282.7	299.0	328.0
Nonfarm residential	45.6	82.4	82.9	94.3	111.7	136.3	158.1	170.2	181.7	185.5	196.2
FHA-insured	7.9	7.2	6.3	5.6	5.3	5.2	4.8	4.4	4.5	4.6	5.6
VA-guaranteed	2.6	3.2	3.1	3.0	3.0	2.8	2.7	2.4	2.4	2.7	3.1
Conventional	35.1	72.0	73.5	85.7	103.4	128.3	150.6	163.3	174.7	178.2	187.5
Other nonfarm	23.3	43.7	46.9	50.3	58.3	68.0	77.1	83.5	92.7	105.1	122.4
Farm	4.4	6.0	6.4	6.7	7.8	8.5	8.6	8.5	8.3	8.4	9.3
Mutual savings banks:											
Loans acquired	6.1	8.6	8.9	12.1	15.3	15.5	14.0	8.2	5.6	7.0	17.3
Loans outstanding [2]	57.9	74.9	77.2	81.6	88.1	94.4	99.7	100.1	99.3	97.1	99.5
Nonfarm residential	49.9	62.1	63.8	67.3	72.9	78.5	83.7	83.9	83.4	81.6	83.8
FHA-insured	16.1	14.8	14.4	14.6	14.0	13.8	13.8	13.2	12.5	11.7	10.7
VA-guaranteed	12.0	12.7	12.4	12.3	12.0	11.9	11.4	10.8	10.3	9.7	8.8
Conventional	21.8	34.6	37.0	40.4	46.9	52.9	58.5	59.9	60.6	60.2	64.3
Other nonfarm	7.9	12.7	13.3	14.3	15.2	15.9	16.0	16.1	15.8	15.5	15.7
Life insurance companies:											
Loans acquired	6.6	10.5	8.8	9.0	13.3	16.9	19.6	18.3	13.0	10.0	18.8
Nonfarm	6.3	9.5	7.7	7.5	10.9	14.2	16.8	16.5	11.8	9.3	17.6
Farm	.3	1.0	1.1	1.5	2.4	2.7	2.8	1.8	1.2	.7	1.2
Loans outstanding	74.4	86.2	89.2	91.6	96.8	102.9	115.1	127.9	135.6	136.5	148.4
Nonfarm	68.7	79.9	82.4	84.1	87.9	92.4	103.0	115.0	122.5	125.7	135.7
FHA-insured	11.4	8.5	7.9	7.3	6.6	6.1	5.8	5.5	5.1	4.8	4.4
VA-guaranteed	5.4	4.2	3.9	3.6	3.3	3.2	3.0	2.8	2.6	2.5	2.3
Other	51.9	67.2	70.6	73.2	78.0	83.1	94.2	106.7	114.8	118.4	129.0
Farm	5.6	6.3	6.8	7.5	8.8	10.5	12.2	12.8	13.1	12.8	12.7
Savings and loan associations:											
Loans made [3]	25.8	47.8	62.6	90.7	123.8	128.2	116.9	86.7	63.1	61.6	147.5
Loans outstanding [4]	150.3	249.3	278.6	323.0	381.2	432.9	475.8	502.8	517.9	492.2	512.9
FHA-insured	10.2	14.5	16.5	14.7	13.9	13.2	13.0	12.8	12.0	12.1	12.8
VA-guaranteed	8.5	15.3	14.0	16.6	16.2	15.8	15.6	15.0	14.2	14.0	15.5
Conventional	131.7	219.4	248.0	291.7	351.0	403.9	447.2	475.0	491.7	466.1	484.6

[1] Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks. [2] Includes a small amount of farm loans not shown separately. [3] Includes Guam. [4] Includes shares pledged against mortgage loans, junior liens and real estate sold on contract.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970–1979;* and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

No. 839. Mortgage Debt Outstanding and Delinquency Rate: 1970 to 1984

[In billions of dollars, except rate. As of **Dec. 31,** except as noted. Includes Puerto Rico and Guam. See also *Historical Statistics, Colonial Times to 1970,* series N 273 and N 276]

TYPE OF PROPERTY, HOLDER, AND LOAN TYPE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 [1]
Mortgage debt, total	474	806	893	1,023	1,174	1,338	1,472	1,563	1,655	1,826	1,971
Residential nonfarm	358	596	665	769	891	1,020	1,124	1,202	1,246	1,366	1,402
1- to 4-family homes	298	495	561	658	771	891	987	1,065	1,106	1,215	1,248
Savings and loan assns	125	224	261	311	356	394	420	433	393	390	396
Commercial banks	42	77	86	105	129	150	160	170	173	182	186
Mutual savings banks	42	50	53	58	63	66	68	68	67	97	101
Life insurance companies	27	18	16	15	14	16	18	17	17	15	15
Federal agencies	22	38	36	36	44	53	61	68	78	87	91
Individuals and others	40	89	109	134	164	212	260	309	378	444	458
5 or more units	60	101	105	112	121	128	137	136	141	151	154
Commercial	86	159	171	190	211	236	256	280	302	351	359
Farm	30	51	57	64	71	83	92	102	107	110	110
Delinquency rate, 1- to 4-unit residential mortgage loans [2]	3.13	4.37	4.59	4.62	4.58	4.63	4.97	5.24	5.53	5.59	5.48
Conventional loans	1.74	2.71	2.81	2.76	2.68	2.77	3.08	3.27	3.71	3.89	3.69
VA loans	3.03	4.17	4.44	4.42	4.54	4.82	5.34	5.67	5.95	6.08	6.14
FHA	3.65	5.45	5.79	5.84	6.01	6.21	6.55	6.81	7.05	7.06	7.12

[1] End of 1st quarter. [2] Number of loans delinquent 30 days or more as percentage of mortgage loans in survey. Annual average quarterly figures.

Source: Mortgage debt, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; and delinquency rate, Mortgage Bankers Association, Washington, DC, *National Delinquency Survey,* quarterly.

No. 840. Consumer Credit: 1970 to 1984

[In billions of dollars, except percent. Estimated amounts of credit outstanding as of **end of year or month;** extended and repaid, for entire year. See also *Historical Statistics, Colonial Times to 1970,* series X 551–560]

TYPE OF CREDIT	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, May
Credit outstanding	143.1	203.1	213.4	223.1	248.9	289.2	337.9	383.3	389.7	416.4	441.7	492.9	520.1
Ratio to disposable personal income [1] (percent)	20.6	22.2	21.4	20.4	20.8	22.0	22.9	23.2	21.2	20.1	19.8	20.7	20.6
Installment	105.5	155.1	164.6	172.0	193.5	230.6	273.6	312.0	314.9	335.7	355.8	396.1	418.1
Automobile paper	36.3	53.8	54.3	57.2	67.7	82.9	101.6	116.4	116.8	125.3	131.1	142.4	152.2
Revolving	5.1	11.7	13.7	15.0	17.2	39.3	48.3	57.0	58.5	64.5	70.0	80.8	82.4
Mobile home paper	2.5	13.6	14.6	14.4	14.6	15.0	15.2	16.8	17.3	18.0	22.3	23.7	24.1
All other loans	61.6	76.0	82.0	85.3	94.1	93.4	108.5	121.9	122.2	127.9	132.5	149.1	159.3
Noninstallment	37.6	48.0	48.8	51.1	55.4	58.6	64.3	71.3	74.8	80.7	85.9	96.9	102.0
Single-payment loans	19.3	27.3	26.8	27.4	28.8	32.8	35.8	40.0	42.4	44.0	47.1	52.5	55.5
Charge accounts	9.2	10.7	11.2	11.7	13.2	11.0	12.0	12.8	13.1	14.4	14.4	15.8	15.8
Service credit	9.1	10.0	10.9	12.0	13.4	14.8	16.4	18.6	19.3	22.3	24.3	28.6	30.7
Installment credit:													
Extended	115.1	173.0	172.8	180.1	210.7	257.6	297.7	324.8	306.1	334.5	344.9	(NA)	(NA)
Liquidated	110.4	152.8	163.3	172.7	189.2	222.1	254.5	286.4	304.6	315.3	331.8	(NA)	(NA)
Net change [2]	4.7	20.2	9.5	7.4	21.6	35.5	43.1	38.4	1.4	18.2	13.1	40.2	(NA)
Ratio: Liquidations to disposable income [1 3] (percent)	15.9	16.7	16.4	15.8	15.8	16.9	17.3	17.3	16.6	15.5	15.2	(NA)	(NA)
Life insurance policy loans [4]	16.1	20.2	22.9	24.5	25.8	27.6	30.1	34.8	41.4	48.7	53.0	54.1	54.4
Delinquency rate, bank installment loans [5]	2.14	2.53	3.13	2.77	2.57	2.62	2.71	2.93	2.62	2.61	2.39	1.94	[6] 2.39

NA Not available. [1] See table 729. [2] Prior to 1983, net change equals extensions, seasonally adjusted less liquidations, seasonally adjusted. Beginning 1983, net change equals outstandings, seasonally adjusted less outstandings of the previous period, seasonally adjusted. [3] Seasonally adjusted. [4] Source: American Council of Life Insurance, Washington, DC. Figures are annual statement asset values. These loans are not included in "Credit outstanding." [5] Ratio of seven types of closed-end installment loans (excluding revolving credit and bank cards) delinquent 30 days or more as a percentage of total installment loans outstanding; ratio based on number of loans. Source: American Bankers Association, Washington, DC; *Delinquency Rates on Bank Installment Loans;* quarterly. [6] As of March.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 841. Consumer Installment Credit Outstanding, by Holder: 1970 to 1984

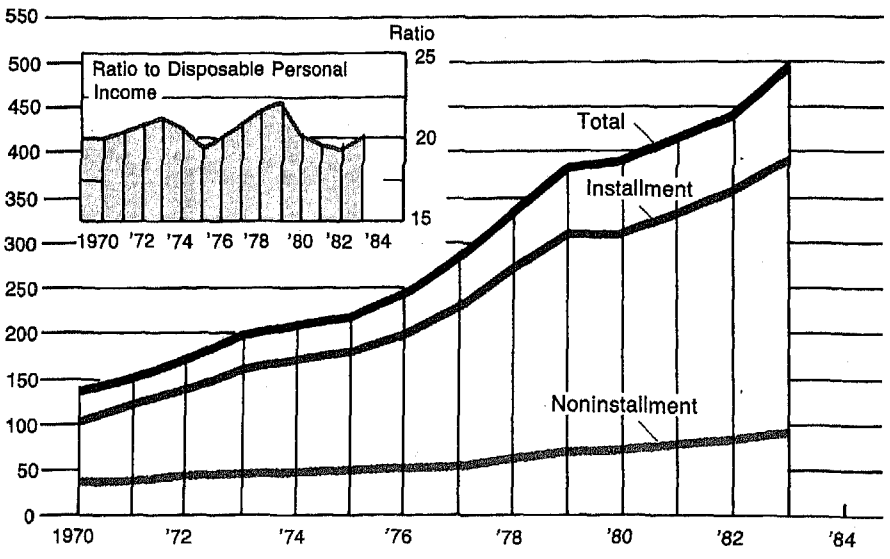
[In billions of dollars. As of **end of year or month.** Estimated]

HOLDER	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, May
Total	105.5	155.1	164.6	172.0	193.5	230.6	273.6	312.0	314.9	335.7	355.8	396.1	418.1
Commercial banks	48.7	75.9	80.1	82.9	93.7	112.4	136.1	154.2	147.0	147.6	152.5	172.0	186.7
Finance companies	27.6	35.4	36.1	36.0	38.9	44.9	54.3	68.3	76.8	89.8	98.7	102.9	103.0
Credit unions	13.0	19.6	21.9	25.7	31.2	37.6	44.3	46.5	44.0	46.0	47.3	53.5	58.5
Retailers [1]	13.9	16.6	18.1	18.2	19.3	23.5	26.0	28.1	28.7	31.3	32.7	35.9	33.7
Other [2]	2.3	7.6	8.4	9.2	10.5	12.2	13.0	14.9	18.4	21.0	24.7	31.9	36.2

[1] Excludes 30-day charge credit held by retailers, oil and gas companies, and travel and entertainment companies. [2] Includes mutual savings banks, savings and loan associations, and gasoline companies.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

Figure 17.3
Consumer Credit: 1970 to 1983



Source: Chart prepared by U.S Bureau of the Census. For data, see table 840.

No. 842. Installment Credit—Finance Rates on Selected Types of Credit for Commercial Banks and Finance Companies: 1973 to 1984

[**Percent per year.** Annual averages, except as indicated. Commercial bank rates are "most common" rates for direct loans with specified maturities; finance company rates are weighted averages for purchased contracts]

TYPE	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, May
Commercial banks:												
New automobiles (48 months) [1]	10.21	10.97	11.36	11.07	10.92	11.02	12.02	14.30	16.54	16.83	13.92	[2]13.53
Mobile homes (120 months) [1]	10.94	11.45	11.82	11.75	11.84	12.09	12.77	14.99	17.45	18.05	15.91	[2]15.54
Other consumer goods (24 months)	12.60	12.99	13.08	13.02	12.97	13.19	13.85	15.47	18.09	18.65	16.68	[2]16.35
Credit-card plans	17.21	17.21	17.16	17.05	16.89	17.03	17.03	17.31	17.78	18.51	16.78	[2]16.71
Finance companies:												
New automobiles	12.08	12.61	13.12	13.17	13.14	13.15	13.51	14.82	16.17	16.15	12.58	14.17
Used automobiles	16.70	17.18	17.63	17.63	17.62	17.67	17.98	19.10	20.00	20.75	18.74	17.60

[1] For 1973–1982, maturities were 36 months for new car loans and 84 months for mobile home loans.
[2] Data for midmonth of quarter only.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly, and *Annual Statistical Digest.*

No. 843. Bank Debits and Deposit Turnover: 1970 to 1984

[**In trillions of dollars, except rate.** Annual averages of monthly data, except as indicated]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, May [1]
Debits to demand deposits:												
All commercial banks	11.3	22.9	25.1	29.3	34.3	40.2	49.8	63.1	81.2	91.0	108.5	131.5
Major New York City banks	4.0	8.4	9.7	11.5	13.9	15.0	18.5	25.2	34.0	38.0	47.2	60.4
Other banks	7.3	14.5	15.4	17.8	20.4	25.2	31.3	37.8	47.2	53.0	61.2	71.1
Demand deposit turnover rate: [2]												
All commercial banks	63.3	98.9	105.4	117.0	128.9	138.8	163.3	202.5	286.1	325.0	376.1	442.7
Major New York City banks	170.7	320.9	357.5	413.7	502.1	542.2	643.8	814.8	1,114.2	1,295.7	1,510.0	1,938.7
Other banks	47.0	70.6	73.0	79.9	85.8	96.1	113.4	135.0	186.2	211.5	238.1	267.5

[1] Seasonally adjusted. [2] Computed by dividing debits during a period (converted to an annual rate) by average deposits against which debits are made; indicates number of times a deposit dollar is used during the period.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 844. Money Stock and Liquid Assets: 1970 to 1984

[In billions of dollars, except percent. As of December, except as indicated. Seasonally adjusted averages of daily figures. See *Historical Statistics, Colonial Times to 1970*, series X 410-417 for similar data]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, May
M1 [1]	217	278	291	310	335	363	389	415	442	481	525	541
M2 [1]	628	909	1,023	1,164	1,287	1,389	1,498	1,633	1,797	1,965	2,196	2,258
M3 [1]	678	1,071	1,172	1,312	1,473	1,647	1,805	1,990	2,237	2,460	2,708	2,815
L [1]	816	1,242	1,368	1,517	1,705	1,911	2,117	2,326	2,598	2,869	3,176	3,328
Currency	49	68	74	81	89	97	106	117	124	134	148	153
Demand deposits	166	208	214	224	240	254	262	267	236	240	244	245
Travelers checks	1	2	2	3	3	4	4	4	4	4	5	5
Other checkable deposits [2]	(z)	(z)	1	3	4	9	17	27	79	104	129	136
Savings deposits	261	339	389	453	492	481	423	402	346	362	313	306
Money market deposit accounts [2]	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(z)	43	376	395
Small denomination time deposits [3]	152	288	338	391	446	522	635	731	827	857	793	817
Large denomination time deposits [4]	45	145	130	118	145	195	222	259	302	328	326	368
Short-term Treasury securities	49	53	70	70	78	82	109	134	150	188	223	240
Savings bonds	52	63	67	72	76	80	80	72	68	68	71	73
Money market mutual funds, total [2]	(z)	2	4	3	4	10	44	77	187	234	179	189
General purpose and broker/dealer [2]	(z)	2	3	2	2	6	33	62	151	185	138	147
Institution only [2]	(z)	(z)	(z)	1	1	3	10	15	36	48	40	42
Commercial paper	35	50	48	52	63	79	97	98	104	109	131	154
Bankers' acceptances	4	13	11	11	14	22	27	32	40	44	43	45
Term repurchase agreements (RP's) [2]	2	8	8	14	19	27	30	35	37	40	56	62
Overnight repurchase agreements (RP's) [2]	1	6	6	11	14	19	20	25	31	41	45	47
Term Eurodollars [2]	2	8	10	15	20	32	45	50	68	82	93	93
Overnight Eurodollars [2]	(NA)	(NA)	(NA)	(NA)	1	2	3	5	8	6	11	12
Annual percent change: [5]												
M1	5.0	6.4	4.7	6.6	8.1	8.3	7.2	6.6	6.5	8.7	9.3	[6] 6.7
M2	6.5	9.7	12.5	13.7	10.6	8.0	7.9	8.9	10.0	9.4	11.7	[6] 7.4
M3	7.2	12.1	9.4	11.9	12.3	11.8	9.6	10.3	12.4	10.0	10.1	[6] 9.5
L	6.9	11.1	10.1	10.9	12.4	12.1	10.8	9.9	11.7	10.4	10.7	[6] 10.8

NA Not available. Z Less than $500 million. [1] M1 is currency plus demand deposits plus travelers checks of nonbank issuers plus other checkable deposits at banks and thrift institutions; M2 is M1 plus overnight RP's and Eurodollars, balances of money market mutual fund shares, and savings and small time deposits at commercial banks and thrift institutions; M3 is M2 plus large time deposits and term RP's at commercial banks and thrift institutions (general purpose and broker/dealer) and balance of institutions—only money market mutual funds; and L is M3 plus other liquid assets such as term Eurodollars, savings bonds, short-term Treasury securities, bankers' acceptances, and commercial paper. [2] Not seasonally adjusted. [3] Issued in amounts of less than $100,000. Includes retail repurchase agreements. [4] Issued in amounts of $100,000 or more and are net of holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions. [5] From previous year shown; for 1970, from 1965. For definition of average annual percent change, see Guide to Tabular Presentation. [6] Change from May 1983–May 1984.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 845. Money in Circulation, by Denomination: 1970 to 1983

[In millions of dollars. As of December 31]

DENOMINATION	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total [1]	**57,093**	**79,743**	**86,547**	**93,717**	**103,811**	**114,645**	**125,600**	**137,244**	**145,566**	**156,158**	**171,935**
Coin and small currency	**39,639**	**51,606**	**54,865**	**57,645**	**62,543**	**66,693**	**70,693**	**73,893**	**76,517**	**79,632**	**84,777**
Coin	6,281	8,332	8,959	9,483	10,071	10,739	11,658	12,419	13,084	13,597	14,269
$1 [2]	2,310	2,720	2,809	2,858	3,038	3,194	3,308	3,499	3,613	3,682	3,628
$2	136	135	135	637	650	661	671	677	680	684	699
$5	3,161	3,718	3,841	3,905	4,190	4,393	4,549	4,635	4,797	4,810	4,936
$10	9,170	10,503	10,777	10,775	11,361	11,661	11,894	11,924	11,824	11,677	11,890
$20	18,581	26,197	28,344	29,987	33,233	36,045	38,613	40,739	42,519	45,180	49,355
Large currency	**17,454**	**28,137**	**31,681**	**36,072**	**41,269**	**47,952**	**54,907**	**63,352**	**69,049**	**76,527**	**87,157**
$50	4,896	7,444	8,157	9,026	10,079	11,279	12,585	13,731	14,889	16,785	19,307
$100	12,084	20,298	23,139	26,668	30,818	36,306	41,960	49,264	53,807	59,392	67,505
$500	215	179	175	172	169	167	164	163	161	159	157
$1,000	252	209	204	200	197	194	192	189	187	185	183
$5,000	3	2	2	2	2	2	2	2	2	2	2
$10,000	4	4	4	4	4	4	4	3	3	4	3

[1] Outside Treasury and Federal Reserve banks. [2] Paper currency only; $1 silver coins reported under coin.

Source: 1970, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; thereafter, U.S. Dept. of the Treasury, *Monthly Statement of United States Currency and Coin*, Form 1028, through 1981, and *Treasury Bulletin*, quarterly, beginning 1982.

No. 846. Selected Time Deposits and Other Accounts at Insured Commercial Banks—Deposits and Interest Rates: 1983 and 1984

[Estimates based on data collected from a sample of about 550 banks]

Type of deposit	Amount outstanding (mil. dol.)			Average rate paid (percent)		
	1983, Dec.	1984, March	1984, June	1983, Dec.	1984, March	1984, June
"Super NOW" accounts [1]	28,769	30,359	30,717	7.30	7.36	7.52
Money market deposit accounts [2]	225,996	240,745	241,109	8.36	8.50	9.04
Money market certificates: [3]						
7–31 day	4,815	5,000	5,080	8.50	8.75	9.16
32–91 day	*14,653*	*15,520*	*16,959*	*8.61*	*8.98*	*9.53*
92–182 day	177,543	167,794	167,575	9.42	9.87	10.62
183 day–1 year	22,720	35,060	45,596	9.56	9.94	10.90
1–2½ year	43,431	52,659	59,898	10.07	10.41	11.26
2½ year or more	111,409	110,534	108,591	10.48	10.80	11.54
All IRA and Keogh Plan deposits	30,144	35,078	40,224	(NA)	(NA)	(NA)
Retail repurchase agreements [4]	1,342	1,130	1,108	8.19	8.27	8.85

NA Not available. [1] Negotiable order of withdrawal accounts containing an agreement between depositor and depository such that, provided certain conditions—including a $2,500 minimum balance—are met, some or all funds deposited are eligible to earn more than 5.25 percent. [2] Deposits with a $2,500 initial and average balance requirement, no required minimum maturity but institutions must reserve the right to require at least seven days' notice prior to withdrawal, no restrictions on depositor eligibility, or limitations on the amount of interest that may be paid unless the average balance falls below $2,500 during which period the NOW account rate ceiling applies; such accounts may allow up to six transfers per month, no more than three of which may be draft and may permit unlimited withdrawals by mail, messenger, or in person. Estimates based on weekly deposit reports submitted by about 10,500 commercial banks. [3] All interest-bearing time certificates and open account time deposits with balances of less than $100,000, including those held in IRAs and Keogh Plan deposits. [4] Retail repurchase agreements are in denominations of less than $100,000 with maturities of less than 90 days that arise from the transfer of direct obligations of, or obligations fully-guaranteed as to principal and interest by, the U.S. Government or an agency thereof.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Statistical Release H6*, monthly.

No. 847. Money Market Interest Rates: 1970 to 1984

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 444–453]

Type	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, Jan.–May [1]
Federal funds, effective rate	7.18	10.50	5.82	5.04	5.54	7.93	11.19	13.36	16.38	12.26	9.09	9.93
Commercial paper, 3-month [2]	(NA)	10.01	6.25	5.24	5.55	7.94	10.97	12.66	15.32	11.89	8.88	9.84
Prime rate charged by banks	7.91	10.80	7.86	6.84	6.82	9.06	12.67	15.26	18.87	14.86	10.79	11.51
Eurodollar deposits, 3-month	8.52	11.04	7.03	5.58	6.03	8.78	11.96	14.00	16.79	13.12	9.57	10.49
Finance paper, 3-month [3]	*7.18*	*8.65*	*6.15*	*5.20*	*5.49*	*7.80*	*10.47*	*11.49*	*14.08*	*11.23*	*8.70*	*9.55*
Bankers acceptances, 90-day [4]	7.31	9.89	6.29	5.08	5.54	8.06	10.99	12.72	15.32	11.89	8.90	9.91
Large negotiable certificates of deposit, 3-month, secondary market	7.56	10.24	6.44	5.27	5.64	8.22	11.22	13.07	15.91	12.27	9.07	10.11
Federal Reserve discount rate [5]	5½–6	7½–8	6–7¾	5¼–6	5¼–6	6–9½	9½–12	10–13	12–14	8½–12	8½	8½–9
U.S. Government securities: [6]												
3-month Treasury bill	6.39	7.83	5.78	4.97	5.27	7.19	10.07	11.43	14.03	10.61	8.61	9.41
6-month Treasury bill	6.51	7.94	6.09	5.25	5.53	7.58	10.06	11.37	13.80	11.07	8.73	9.60
1-year Treasury bill	6.48	7.70	6.28	5.52	5.71	7.74	9.75	10.89	13.14	11.07	8.80	9.69
Prime 1-year municipals [7]	4.35	4.75	3.91	3.12	2.91	4.15	5.34	6.25	7.92	7.88	5.29	5.74

NA Not available. [1] Monthly average. [2] Averages of daily offering rates of dealers. [3] Placed directly; averages of daily offering rates quoted by finance companies. [4] Averages of the most representative daily offering rates of dealers. Beginning Aug. 15, 1974, closing rates were used, and from Jan. 1, 1981, rates of top-rated banks only. [5] Federal Reserve Bank of New York, low and high. The discount rates for 1980 and 1981 do not include the surcharge applied to frequent borrowings by large institutions. The surcharge reached 3 percent in 1980 and 4 percent in 1981. Surcharge was eliminated in Nov. 1981. [6] Averages based on daily closing bid yields in secondary market, bank discount basis. [7] Averages based on quotations for one day each month. Source: Salomon Brothers, Inc., New York, NY, *An Analytical Record of Yields and Yield Spreads.*

No. 848. Federal Reserve Bank of New York—Discount Rates: 1974 to 1984

[**Percent per year.** See also *Historical Statistics, Colonial Times to 1970*, series X 454–455]

Effective date	Rate	Effective date	Rate	Effective date	Rate	Effective date	Rate
1974: Apr. 25	8	1978: Jan. 9	6½	1980: [1] Feb. 15	13	1982: July 20	11½
Dec. 9	7¾	May 11	7	May 30	12	Aug. 2	11
1975: Jan. 10	7¼	July 3	7¼	June 13	11	Aug. 16	10½
Feb. 5	6¾	Aug 21	7¾	July 28	10	Aug. 27	10
Mar. 10	6¼	Sept. 22	8	Sept. 26	11	Oct. 12	9½
May 16	6	Oct. 16	8½	Nov. 17	12	Nov. 22	9
1976: Jan. 19	5½	Nov. 1	9½	Dec. 5	13	Dec. 15	8½
Nov. 22	5¼	*1979: July 20*	*10*	*1981: [1] May 5*	*14*	*1984: April 9*	*9*
1977: Aug. 31	5¾	Aug. 17	10½	Nov. 2	13		
Oct. 26	6	Sept. 19	11	Dec. 4	12	In effect June 30, 1984	9
		Oct. 8	12				

[1] See table 847, footnote 5.

Source of tables 847 and 848: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest.*

No. 849. Bank Effective Interest Rates for Commercial and Industrial Loans, Construction and Land Development Loans, and Farm Loans, by Size of Loan: 1980 to 1984

[**In percent.** Represents loans made during the first full business week in **May.** Based on a stratified random sample of member banks of the Federal Reserve System and nonmember banks, totaling approximately 340 banks]

TYPE AND SIZE OF LOAN	1980	1982	1983	1984	TYPE AND SIZE OF LOAN	1980	1982	1983	1984
Commercial and industrial loans:					**Construction and land development loans**	**18.32**	**17.80**	**11.72**	**13.76**
Short-term	**17.75**	**17.11**	**10.31**	**12.45**	$1,000 to $24,999	17.14	19.13	14.44	15.04
$1,000 to $24,999	17.90	18.51	13.86	14.93	$25,000 to $49,999	15.88	18.81	13.99	14.76
$25,000 to $49,999	18.78	18.56	13.68	14.46	$50,000 to $99,999	18.69	17.97	12.91	14.71
$50,000 to $99,999	18.95	18.06	12.62	14.41	$100,000 to $499,999	19.56	18.45	12.08	13.92
$100,000 to $499,999	18.49	17.77	11.87	13.86	$500,000 and over	16.99	16.96	10.91	13.19
$500,000 to $999,999	19.13	17.98	11.34	13.37	**Farm loans**	**17.38**	**17.77**	**13.26**	**14.25**
$1 million and over	17.10	16.94	9.87	12.12	$1,000 to $9,999	16.46	17.69	14.01	14.64
Long-term	**18.37**	**16.96**	**11.48**	**13.12**	$10,000 to $24,999	16.98	17.59	13.80	14.35
$1,000 to $99,999	18.26	18.80	14.52	15.00	$25,000 to $49,999	17.10	17.59	13.60	14.41
$100,000 to $499,999	18.64	17.59	12.87	13.91	$50,000 to $99,999	17.38	18.01	14.23	14.24
$500,000 to $999,999	18.62	17.29	11.92	13.50	$100,000 to $249,999	17.40	17.76	13.66	14.51
$1 million and over	18.30	16.69	10.35	12.56	$250,000 and over	18.14	17.91	12.21	13.75

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 850. Bond Yields, Stock Yields, and Mortgage Rates: 1970 to 1983

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 474-491]

TYPE	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
U.S. Treasury, constant maturities: [1] [2]											
3-year	7.29	7.82	7.49	6.77	6.69	8.29	9.72	11.55	14.44	12.92	10.45
5-year	7.38	7.80	7.77	7.18	6.99	8.32	9.52	11.48	14.24	13.01	10.90
10-year	7.35	7.56	7.99	7.61	7.42	8.41	9.44	11.46	13.91	13.00	11.10
20-year	6.86	8.05	8.19	7.86	7.67	8.48	9.33	11.39	13.72	12.92	11.34
U.S. Govt., long-term bonds [2] [3]	6.58	6.98	6.98	6.78	7.06	7.89	8.74	10.81	12.87	12.23	10.84
State and local govt. bonds, Aaa [4]	6.12	5.89	6.42	5.65	5.20	5.52	5.89	7.84	10.42	10.66	8.80
State and local govt. bonds, Baa [4]	6.75	6.53	7.62	7.49	6.12	6.27	6.72	9.00	11.75	12.48	10.17
High-graded municipal bonds (Standard & Poor's) [5]	6.51	6.09	6.89	6.49	5.56	5.90	6.39	8.51	11.23	11.57	9.47
Municipal (Bond Buyer, 20 bonds)	6.35	6.17	7.05	6.64	5.68	6.03	6.52	8.59	11.33	11.66	9.51
Corporate Aaa seasoned [4]	8.04	8.57	8.83	8.43	8.02	8.73	9.63	11.94	14.17	13.79	12.04
Corporate Baa seasoned [4]	9.11	9.50	10.61	9.75	8.97	9.49	10.69	13.67	16.04	16.11	13.55
Corporate Aaa utility bonds [6]	8.72	9.01	9.17	8.46	8.12	8.90	9.92	12.68	15.65	14.71	12.25
Corporate, by years to maturity: [7]											
5 years	8.10	7.47	7.70	7.96	7.25	7.75	9.40	12.80	13.25	13.78	9.90
10 years	8.00	7.67	8.00	8.18	7.60	7.98	9.35	12.40	13.00	13.99	10.55
20 years	7.60	7.80	8.35	8.30	7.75	8.20	9.08	12.30	13.00	14.00	11.00
30 years	7.60	7.80	8.35	8.30	7.95	8.25	9.10	12.30	13.00	14.00	11.00
Corporate (Moody's) [4]	8.51	9.03	9.57	9.01	8.43	9.07	10.12	12.75	15.06	14.94	12.78
Industrials (40 bonds)	8.26	8.78	9.25	8.84	8.28	8.90	9.85	12.35	14.50	14.54	12.25
Railroads (17 bonds) [8]	8.77	8.98	9.39	8.85	8.13	8.64	9.60	11.48	13.22	13.68	12.08
Public utilities (40 bonds)	8.68	9.27	9.88	9.17	8.58	9.22	10.39	13.15	15.62	15.33	13.31
Stocks (Standard & Poor's): [5]											
Preferred (10 stocks) [9]	7.22	8.24	8.36	7.98	7.61	8.25	9.11	10.60	12.36	12.53	11.02
Common: Composite (500 stocks)	3.83	4.47	4.31	3.77	4.62	5.28	5.47	5.26	5.20	5.81	4.40
Industrials (400 stocks)	3.62	4.13	3.96	3.48	4.43	5.06	5.20	4.95	4.90	5.48	4.04
Home mortgages: [10]											
FHA insured, secondary market	9.03	9.55	9.19	8.82	8.68	9.70	10.87	13.44	16.31	15.31	13.11
Conventional, new-home [11]	8.52	9.22	9.10	8.99	8.95	9.68	11.15	13.95	16.52	15.79	13.43
Conventional, existing-home [11]	8.56	9.23	9.14	9.04	9.00	9.70	11.16	13.95	16.55	15.82	13.45

[1] Yields on the more actively traded issues adjusted to constant maturities by the U.S. Treasury. [2] Yields are based on closing bid prices quoted by at least five dealers. [3] Averages (to maturity or call) for all outstanding bonds neither due nor callable in less than 10 years, including several very low yielding "flower" bonds. [4] Source: Moody's Investors Service, New York, NY.

[5] Source: Standard & Poor's Corp., New York, NY, *Standard & Poor's Outlook*, weekly. [6] Based on first trading day of each month, deferred call, new issue estimate. Source: Salomon Brothers, Inc., New York, NY, *An Analytical Record of Yields and Yield Spreads*. [7] Source: Scudder, Stevens & Clark, New York, NY, unpublished data. [8] Covers 23 bonds for period 1970-1981 and 15 bonds for 1982. [9] Yields based on 10 stocks, 4 yields. Issues converted to a price equivalent to $100 par and a 7 percent annual dividend before averaging. [10] Averages based on quotations for 1 day each month as compiled by FHA. [11] Primary market.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 851. Security Prices: 1970 to 1983

[Annual averages of monthly figures, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series X 492-498]

CLASS OR ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Bond prices (dollars per $100 bond):											
Standard & Poor's: Municipal [1]	72.3	76.3	68.9	72.5	81.3	77.9	73.4	57.4	43.2	41.8	51.4
Corporate AAA [1]	61.6	58.8	56.2	58.0	59.6	55.6	51.1	41.4	33.7	35.8	42.0
Dow Jones and Co., Inc.: [2]											
Yearly high	69.7	73.5	69.7	93.2	93.9	90.9	86.1	76.6	65.8	71.5	77.8
Yearly low	64.4	64.1	66.2	85.7	90.7	84.5	73.4	61.0	55.0	55.7	69.4
Stock prices:											
Standard & Poor's common index (500 stocks) (1941-43=10) [3]	83.2	82.8	86.2	102.0	98.2	96.0	103.0	118.7	128.0	119.7	160.4
Industrial	91.3	92.9	96.6	114.4	108.4	106.2	114.8	134.5	144.2	133.6	180.5
N.Y. Stock Exchange common stock index (Dec. 31, 1965=50):											
Composite	45.7	43.8	45.7	54.5	53.7	53.7	58.3	68.1	74.0	68.9	92.6
Yearly high [4]	52.4	53.4	51.2	57.9	57.7	60.4	63.4	81.0	79.1	82.4	99.6
Yearly low [4]	37.7	32.9	37.1	48.0	49.8	48.4	53.9	55.3	65.0	58.8	79.8
Industrial	48.0	46.1	50.5	60.4	57.8	56.3	64.8	78.6	85.4	78.2	107.5
Transportation	32.1	31.9	31.1	39.6	41.1	43.3	47.3	60.5	72.6	60.4	89.4
Utility	37.2	29.8	31.5	37.0	40.9	39.2	38.2	37.3	38.9	39.8	47.0
Finance	54.6	49.7	47.1	52.9	55.2	56.7	61.4	64.3	73.5	72.0	95.3
American Stock Exchange Market Value Index (Aug. 31, 1973=50) [5]	48.3	40.0	41.6	50.8	58.1	72.2	97.8	150.6	171.8	141.3	216.5
NASDAQ OTC composite [6]	(NA)	59.8	77.6	97.9	105.1	118.0	151.1	202.3	195.9	232.4	278.6
Industrial	(NA)	56.5	81.0	100.1	109.4	126.9	175.2	261.4	229.3	273.6	323.7
Insurance	(NA)	74.7	80.9	105.2	114.5	127.2	162.0	166.8	194.3	226.4	257.6
Banks	(NA)	61.5	72.4	92.7	95.3	102.3	108.2	118.4	143.1	156.4	203.8
Dow Jones and Co., Inc., total (65 stocks) [7]	243.9	237.3	247.3	303.9	301.7	283.6	293.5	328.2	364.6	345.4	472.2
Industrial (30 stocks)	753.2	759.4	802.8	974.9	894.6	820.2	844.4	891.4	932.9	884.4	1,190.3
Transportation (20 stocks)	152.4	164.1	163.4	214.0	225.2	222.6	237.8	307.2	398.6	359.8	544.6
Public utility (15 stocks)	108.8	75.8	79.8	92.3	111.0	104.6	104.6	110.4	108.6	112.0	130.0
Wilshire 5000 equity index [8] (Dec. 31, 1980=1404.596)	[9] 830.3	713.1	763.8	903.0	892.1	913.3	1,028.9	1,220.7	1,343.7	1,233.7	1,691.5
Standard & Poor's:											
Dividend-price ratio (percent)	3.83	4.47	4.31	3.77	4.62	5.28	5.47	5.26	5.20	5.81	4.40
Earnings-price ratio (percent)	6.45	11.60	9.14	8.90	10.79	11.96	13.46	12.66	11.87	11.6	7.9

NA Not available. [1] Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. [2] Source: Dow Jones and Co., Inc., New York, NY. Effective June 30, 1976, the Dow Jones averages of 20 income railroad bonds were discontinued. With the dropping of the rail averages, which had been part of the Dow-Jones 40-bond average, the 40-bond average became a 20-bond average consisting of 10 utility bonds and 10 industrial bonds. [3] Effective July 1976, the index includes 400 industrial stocks (formerly 425), 20 transportation (formerly 15 rail), 40 public utility (formerly 60), and 40 financial stocks, not previously covered. [4] Source: New York Stock Exchange, Inc., New York, NY, *Fact Book*, annual. [5] Beginning July 5, 1983, the American Stock Exchange rebased its index, making August 31, 1973-50, rather than 100. Data before 1983 have been revised to reflect this base index change. [6] Source: National Association of Securities Dealers, Washington, DC, *Fact Book*, annual. OTC=over-the-counter. [7] Source: U.S. Bureau of Economic Analysis. Based on stocks listed on the New York Stock Exchange. [8] Represents return on the market value of all common equity securities for which daily pricing is available. For 1970-1979, annual average of end of month figures; thereafter, annual average of daily figures. Source: Wilshire Financial Services, Santa Monica, CA, releases. [9] Represents Dec. 31, 1970.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 852. New Securities Publicly Offered by Business, by Type of Security and Issuer: 1970 to 1983

[**In millions of dollars.** Estimated gross proceeds derived by multiplying principal amounts or number of units by offering prices. Covers all new securities publicly offered for cash, for the account of the issuer, with a maturity of more than one year, registered with the Securities and Exchange Commission under the Securities Act of 1933 or exempted from registration pursuant to Regulation A or Subsections 3(a)(2)-3(a)(6) of the Act. See table 450 for new issues of State and local government securities. See also *Historical Statistics, Colonial Times to 1970*, series X 499-500 and X 505-506]

SECURITY AND ISSUER	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**32,525**	**31,806**	**40,891**	**35,591**	**32,141**	**29,987**	**37,014**	**66,562**	**65,601**	**72,151**	**100,506**
Security:											
Bonds and notes	24,366	25,937	31,024	25,368	21,939	20,468	26,468	44,650	38,965	44,004	48,081
Preferred stock	1,310	1,877	3,089	2,236	2,420	1,757	1,965	3,194	1,633	4,950	7,583
Common stock	6,849	3,992	6,778	7,985	7,782	7,762	8,581	18,718	25,003	23,197	44,842
Issuer:											
Manufacturing	8,847	7,275	14,159	8,823	4,980	4,506	6,702	20,275	15,463	13,237	22,772
Extractive	1,675	724	1,233	842	1,740	1,970	2,486	4,211	8,553	6,923	8,580
Electric, gas, water	10,405	11,849	13,955	11,743	11,102	9,139	9,972	13,771	13,304	16,408	12,166
Communication	5,121	4,311	3,603	3,257	3,683	2,958	4,049	6,863	5,871	3,894	5,508
Transportation	612	673	968	1,786	728	1,253	1,639	2,296	1,897	2,091	4,157
Financial and real estate	4,114	5,859	5,464	7,582	8,499	8,410	9,987	14,089	15,743	23,089	34,715
Commercial and other	1,751	1,115	1,508	1,559	1,408	1,750	2,179	5,055	4,772	6,508	12,606

Source: U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review*.

NO. 853. SALES OF STOCKS AND OPTIONS ON REGISTERED EXCHANGES: 1970 TO 1983

[Excludes over-the-counter trading. See Also *Historical Statistics, Colonial Times to 1970*, series X517–530]

EXCHANGE	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Market value of all sales, all exchanges [1] [2]	Bil. dol.	136	167	207	198	269	323	522	533	658	1,018
New York	Bil. dol.	108	143	165	157	211	252	398	416	514	816
American	Bil. dol.	15	6	10	11	19	27	47	40	35	47
Midwest	Bil. dol.	5	8	9	9	11	12	21	25	35	60
Chicago Option	Bil. dol.	–	6	9	8	14	14	28	22	32	36
Pacific	Bil. dol.	5	5	8	7	8	9	13	13	21	31
Philadelphia	Bil. dol.	3	3	4	3	5	7	11	11	14	20
STOCKS [3]											
Shares sold, all exchanges [2]	Million	4,539	6,231	7,036	7,023	9,483	10,850	15,486	15,910	22,423	30,147
New York	Million	3,213	5,051	5,649	5,613	7,617	8,675	12,390	12,843	18,203	24,253
American	Million	879	539	637	652	922	1,161	1,659	1,472	1,583	2,209
Midwest	Million	145	253	276	282	343	362	598	735	1,144	1,662
Pacific	Million	165	208	274	261	298	368	435	457	810	1,071
Market value, all exchanges [2]	Bil. dol.	131	157	195	187	249	300	476	491	602	957
New York	Bil. dol.	103	134	165	157	210	251	398	416	514	815
American	Bil. dol.	14	6	7	9	15	21	35	26	21	32
Midwest	Bil. dol.	5	7	9	9	10	12	21	25	35	60
Pacific	Bil. dol.	5	5	7	7	7	9	11	11	18	27
OPTIONS											
Contracts traded, all exchanges [2]	Million	(NA)	18	31	40	61	64	97	109	137	134
Chicago Option	Million	(NA)	14	22	25	34	35	53	58	76	71
American	Million	(NA)	4	8	10	18	19	29	35	39	36
Market value of contracts traded, all exchanges [2]	Bil. dol.	(NA)	6.4	11.7	10.9	19.7	22.9	45.8	41.7	53.7	59.5
Chicago Option	Bil. dol.	(NA)	6.4	9.0	8.0	13.7	13.8	27.9	22.4	32.2	35.7
American	Bil. dol.	(NA)	(NA)	2.2	2.0	3.5	6.1	12.5	13.8	14.3	15.0
Option exercises:											
Number of contracts [4]	Million	(NA)	.3	.9	1.3	3.1	2.5	4.9	7.4	9.2	13.6
Value [4]	Bil. dol.	(NA)	1.3	3.4	4.2	7.5	10.9	20.3	34.6	37.1	65.1

– Represents zero. NA Not available.
[1] Includes market value of rights and warrants and, through 1975, bond sales, not shown separately.
[2] Includes other registered exchanges, not shown separately.
[3] Includes voting trust certificates, American Depository Receipts, and certificate of deposit for stocks.
[4] Prior to 1977, only call options were traded.

Source: U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review.*

NO. 854. VOLUME OF TRADING ON NEW YORK STOCK EXCHANGE: 1970 TO 1983

[**Round lot:** A unit of trading or a multiple thereof. On the NYSE the unit of trading is generally 100 shares in stocks. For some inactive stocks, the unit of trading is 10 shares. **Odd lot:** An amount of stock less than the established 100-share unit or 10-share unit of trading]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Shares traded	**Million**	3,124	3,661	4,839	5,519	5,419	7,371	8,336	11,562	12,049	16,669	21,846
Round lots	Million	2,937	3,518	4,693	5,360	5,274	7,205	8,156	11,352	11,854	16,458	21,590
Average daily shares	Million	11.6	13.9	18.6	21.2	20.9	28.6	32.2	44.9	46.9	65.1	85.3
High day	Million	21.3	26.4	35.2	44.5	35.3	66.4	81.6	84.3	92.9	149.4	129.4
Low day	Million	6.7	7.4	8.7	10.3	10.6	7.6	18.3	16.1	23.9	36.8	53.0
By size: [1]												
At 100–900 shares	Percent	(NA)	46.3	42.1	37.8	33.4	30.2	27.5	24.7	21.1	16.2	14.6
At 1,000–4,900 shares	Percent	(NA)	29.6	31.4	32.4	32.6	33.9	33.7	32.2	31.0	28.5	26.7
At 5,000–9,900 shares	Percent	(NA)	7.7	8.7	9.7	10.3	10.9	11.4	11.4	12.1	12.8	12.7
At 10,000 shares over [2]	Percent	(NA)	16.5	17.9	20.1	23.7	25.0	27.4	31.7	35.8	42.5	46.0
Odd lots	Million	186	144	146	159	145	166	180	209	196	211	256
Value of shares traded	**Bil. dol.**	102.5	96.9	131.7	165.7	155.3	205.6	244.5	382.4	396.1	495.1	775.3
Round lots	Bil. dol.	95.3	92.1	126.7	159.8	150.2	199.9	238.2	374.9	389.2	488.4	765.3
Odd lots	Bil. dol.	7.2	4.7	5.0	6.0	5.1	5.7	6.3	7.5	6.9	6.7	10.1
Bond volume (par value)	**Mil. dol.**	4,495	4,052	5,178	5,262	4,646	4,554	4,088	5,190	5,733	7,155	7,572
Daily average	Mil. dol.	17.7	16.0	20.5	20.8	18.4	18.1	16.2	20.5	22.7	28.3	29.9

NA Not available. [1] Share volume of reported trades by size (percent of total) on New York Stock Exchange. [2] Includes bunched orders at the opening and re-opening of trading.

Source: New York Stock Exchange, Inc., New York, NY, *Fact Book*, annual.

No. 855. Securities Listed on N.Y. Stock Exchange: 1970 to 1983

*[As of **December 31**, except **cash dividends** are for **calendar year**]*

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Bonds:												
Face value	Bil. dol.	135	291	334	401	497	509	526	602	681	793	965
Market value	Bil. dol.	113	255	315	402	480	465	460	508	574	766	898
Average price	Percent	83.60	87.68	91.89	100.39	96.52	91.37	87.36	84.41	84.24	96.67	93.04
Stocks:												
Shares	Billion	16.1	21.7	22.5	24.5	26.1	27.6	30.0	33.7	38.3	39.5	45.1
Market value	Bil. dol.	636	511	685	858	797	823	961	1,243	1,144	1,305	1,564
Average price	Dollars	39.61	23.51	30.48	35.03	30.53	29.84	31.99	36.87	29.87	33.03	35.11
Cash dividends on common stock	Bil. dol.	19.8	25.7	26.9	30.6	36.3	41.2	46.9	53.1	60.6	62.2	67.1
Industrial	Bil. dol.	13.6	17.0	17.6	20.2	23.9	26.6	30.3	34.5	38.7	39.4	42.1
Transportation	Bil. dol.	.5	.6	.6	.6	.8	.9	1.0	1.2	1.3	1.0	.9
Utilities	Bil. dol.	4.5	6.0	6.7	7.7	9.0	10.7	12.2	13.3	15.8	16.9	18.5
Finance	Bil. dol.	1.1	2.1	1.9	2.1	2.6	2.9	3.5	4.2	4.9	5.0	5.6

Source: New York Stock Exchange, Inc., New York, NY, *Fact Book*, annual.

No. 856. Stock Ownership—Characteristics of Shareowners: 1970 to 1983

[**In thousands.** Represents all publicly owned issues of common and preferred stocks including stock mutual funds. Based on national probability samples; see source for detailed explanation]

CHARACTERISTIC	1970	1975	1980	1981	1983
Total [1]	**30,850**	**25,270**	**30,200**	**32,260**	**42,360**
Male	15,689	12,698	15,666	17,120	20,864
Female	15,161	12,508	14,534	15,140	21,496
Age:					
Under 21 years	2,221	1,818	2,308	2,321	2,749
21–34 years	4,500	2,838	6,407	7,653	10,552
35–44 years	5,801	3,976	5,925	5,624	8,346
45–54 years	7,556	5,675	5,456	5,439	6,586
55–64 years	6,084	5,099	5,144	6,144	6,650
65 years and over	4,330	5,800	4,589	5,079	7,277
Education:					
High school: [2]					
3 years or less	3,566	1,621	1,746	1,861	2,356
4 years	8,697	6,580	5,737	6,045	8,788
College: [2]					
1–3 years	5,867	5,301	9,353	10,093	13,529
4 years or more	9,999	9,886	10,613	11,880	14,375
Minors [3]	2,221	1,818	2,308	2,321	2,749
Income: [4]					
Under $5,000	2,389	780	1,742	2,164	1,460
$5,000–$9,999	5,779	2,636			
$10,000–$14,999	8,346	4,552	3,180	2,537	2,596
$15,000–$24,999	7,670	6,776	6,930	6,829	8,579
$25,000–$49,999	4,114	5,426	11,623	12,090	17,166
$50,000 and over		1,216	3,982	5,457	7,918
Residence by MSA size: [5]					
Under 100,000	175	328	204	208	262
100,000–249,000	2,245	2,059	1,883	2,278	3,060
250,000–499,999	2,686	2,691	2,921	3,146	3,962
500,000–999,999	3,712	3,257	4,345	4,532	6,555
1,000,000 and over	14,881	11,893	15,447	16,788	21,730
Nonmetropolitan areas	6,913	4,978	5,400	5,308	6,791

[1] Includes small number of shareowners not distributed by breakdown. [2] Persons 21 years old and over. [3] Shareowners whose stockholdings are registered in accordance with the Gifts to Minors Statutes. [4] *Adult shareowners only.* [5] MSA=Metropolitan statistical area. Prior to 1983, designation was SMSA=standard metropolitan statistical area. *For definition, see Appendix II.*

Source: New York Stock Exchange, Inc., New York, NY, *Shareownership*, 1970, 1975, 1980, 1981, and 1983.

No. 857. Commodity Futures Trading on U.S. Exchanges—Volume of Trading: 1970 to 1983

[**In thousands. 1970** for year ending **June 30**; thereafter, for years ending **December 31**]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of contracts traded	***13,356***	***27,733***	***32,200***	***36,876***	***42,847***	***58,462***	***75,966***	***92,096***	***98,522***	***112,406***	***139,921***
Grains and feeds [1]	5,977	13,420	14,595	17,261	19,668	22,365	27,695	36,337	32,308	26,760	37,206
Livestock and meat [2]	2,574	4,629	5,680	5,325	5,666	9,680	11,902	11,639	9,378	11,702	10,176
Foods [3]	3,458	4,154	3,692	3,868	5,161	5,149	5,925	8,659	7,255	6,600	8,893
Raw materials [4]	351	1,465	1,609	2,776	2,753	3,399	4,618	5,598	4,905	6,110	8,308
Precious metals [5]	995	3,826	6,376	7,209	8,232	13,983	17,996	13,171	15,690	18,809	22,552
Financial instruments [6]	–	–	20	239	780	2,325	5,607	12,469	22,864	33,735	40,876
Currencies [7]	1	241	228	198	586	1,561	2,222	4,223	6,122	8,690	11,911

– Represents zero. [1] Wheat, corn, oats, rye, soybeans, soybean meal, sunflower seeds, milled rice, rough rice, and grain sorghums. [2] Cattle, feeder cattle, hogs, pork bellies, imported lean beef, broilers, and turkeys. [3] Eggs, potatoes, coffee, cocoa, sugar, butter, orange juice, and edible oils. [4] Lumber, stud lumber, plywood, cotton, wool, oil and petroleum products, copper, lead, mercury, aluminum, zinc, nickel, rubber, and tin. [5] Gold, silver, silver coins, platinum, and palladium. [6] GNMA certificates; *Treasury bills, bonds, and notes; commercial paper;* domestic certificates of deposit (CD); Eurodollar CD; and stock indexes. [7] Italian lira, Canadian dollars, French francs, Deutsche marks, Dutch guilders, British pounds, Japanese yens, Swiss francs, Belgian francs, and Mexican pesos.

Source: U.S. Commodity Futures Trading Commission, *Annual Report.* Data from Futures Industry Association, Washington, DC.

No. 858. Mutual Funds—Net Assets, Sales, and Redemptions: 1970 to 1983

[**In billions of dollars, except number of funds.** See also *Historical Statistics, Colonial Times to 1970*, series X 536-539]

TYPE OF FUND	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of funds	361	421	431	426	452	477	505	524	564	669	857	1,026
Assets [1]	47.6	46.5	35.8	45.8	51.0	48.5	55.8	94.5	134.7	241.4	296.6	292.9
Money market funds	(x)	(x)	1.7	3.6	3.4	3.5	10.9	45.2	74.4	181.9	206.6	162.5
Equity funds	45.1	43.0	30.9	37.5	39.2	34.1	32.7	35.9	44.4	41.2	53.6	77.0
Income and bond funds	2.5	3.5	3.2	4.7	7.8	8.4	9.3	10.1	11.1	11.0	15.8	22.0
Municipal bond funds	(x)	(x)	(x)	(x)	.5	2.3	2.6	3.0	2.9	3.1	7.4	14.6
Limited maturity municipal bonds [2]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1.9	4.2	13.2	16.8
Sales [1]	4.6	4.4	5.3	10.1	13.7	17.1	37.2	119.3	247.5	472.2	627.0	547.8
Money market funds	(x)	(x)	2.2	6.8	9.4	10.7	30.5	111.9	232.2	451.9	581.8	463.0
Equity funds	4.2	3.9	2.6	2.6	2.7	2.4	2.8	3.1	5.6	6.0	8.3	22.4
Income and bond funds	.4	.5	.5	.7	1.2	1.6	2.0	2.0	2.6	2.3	4.0	8.8
Municipal bond funds	(x)	(x)	(x)	(x)	.5	2.1	1.8	1.7	1.8	1.5	3.5	9.1
Limited maturity municipal bonds [2]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	5.3	10.5	29.4	44.5
Redemptions [1]	3.0	5.7	3.9	9.6	16.4	16.7	31.5	86.8	216.5	362.6	588.4	565.8
Money market funds	(x)	(x)	.6	5.9	9.6	10.7	24.3	78.4	204.5	346.7	559.6	508.7
Equity funds	2.8	5.2	3.0	3.3	6.0	4.7	5.1	5.7	5.7	5.1	5.2	9.3
Income and bond funds	.2	.4	.3	.4	.8	.8	1.0	1.4	1.5	1.6	1.7	3.1
Municipal bond funds	(x)	(x)	(x)	(x)	(z)	.5	1.1	.9	1.0	.8	.7	2.3
Limited maturity municipal bonds [2]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	3.8	8.3	21.2	42.4

X Not applicable. Z Less than $50 million. [1] Includes funds not shown separately. [2] The average maturity of the portfolio is generally less than two years.

Source: Investment Company Institute, Washington, DC, *Mutual Fund Fact Book*, annual.

No. 859. U.S. Life Insurance Companies—Summary: 1970 to 1983

[As of **December 31** or **calendar year** as applicable. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1970*, series X 879 and X 890-907]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
U.S. companies	Number	1,780	1,746	1,742	1,789	1,840	1,895	1,958	1,991	2,060	2,125
Sales [1]	Bil. dol.	206.8	316.5	352.2	407.7	437.9	526.8	654.7	1,138.6	919.9	1,278.9
Ordinary	Bil. dol.	134.8	207.1	233.6	277.3	304.2	359.1	461.5	700.1	661.1	971.9
Group [1]	Bil. dol.	65.4	102.7	112.2	123.8	127.7	162.4	189.6	436.0	256.9	305.5
Industrial	Bil. dol.	6.6	6.7	6.4	6.5	6.0	5.3	3.6	2.5	1.9	1.5
Voluntary termination, ordinary policies: [2]											
All policies in force in U.S	Rate	5.9	6.7	6.6	6.6	6.6	7.2	8.1	8.9	10.0	11.0
In force 2 years or more	Rate	3.9	4.5	4.6	4.7	4.6	5.1	5.8	6.6	7.6	8.6
Income	Bil. dol.	49.1	78.0	88.6	98.0	108.2	119.1	130.9	151.9	170.0	176.0
Life insurance premiums	Bil. dol.	21.7	29.3	31.4	33.8	36.6	39.1	40.8	46.3	50.8	50.3
Percent of total	Percent	44.2	37.6	35.4	34.5	33.8	32.8	31.2	30.5	29.9	28.6
Annuity considerations	Bil. dol.	3.7	10.2	14.0	15.0	16.3	17.9	22.4	27.6	34.6	30.5
Health insurance premiums	Bil. dol.	11.4	19.1	21.1	23.6	25.8	27.9	29.4	31.8	35.0	38.2
Investment and other	Bil. dol.	12.3	19.4	22.2	25.7	29.4	34.2	38.3	46.2	49.6	57.0
Disbursements	Bil. dol.	39.0	56.2	63.0	69.0	72.6	81.1	88.2	101.8	113.3	123.5
Payments to policyholders [3]	Bil. dol.	25.6	38.1	41.0	44.4	47.8	53.7	59.0	65.1	71.2	80.9
Percent of total	Percent	65.6	65.5	65.1	64.3	65.8	66.2	66.9	63.9	62.8	65.5
Death payments	Bil. dol.	7.2	9.3	9.7	10.2	11.1	11.8	12.9	13.6	14.5	16.8
Matured endowments	Bil. dol.	1.0	1.0	1.0	.9	.9	.9	.8	.7	.6	.6
Annuity payments	Bil. dol.	1.7	3.2	3.9	4.6	5.1	6.6	7.4	9.6	10.3	12.7
Policy dividends	Bil. dol.	3.8	5.1	5.6	6.3	6.8	7.6	8.1	9.3	9.6	10.8
Surrender values	Bil. dol.	2.9	3.8	4.2	4.3	4.5	5.5	6.4	7.1	9.8	12.5
Disability benefits	Bil. dol.	.2	.4	.5	.5	.5	.6	.5	.5	.5	.5
Commissions, expenses, etc	Bil. dol.	12.9	19.4	21.3	23.9	23.7	25.9	27.8	35.1	40.3	40.7
Dividends to stockholders	Bil. dol.	.5	.7	.7	.8	1.1	1.5	1.4	1.6	1.8	1.9
Taxes, licenses and fees	Bil. dol.	2.2	3.5	4.0	4.4	5.1	5.5	4.8	4.2	4.4	4.3
Federal income taxes	Bil. dol.	1.2	1.9	2.2	2.5	3.0	3.3	2.6	1.8	1.6	1.2
Employed in insurance [4]	1,000	1,460	1,640	1,675	1,715	1,775	1,830	1,880	1,905	1,970	1,970

[1] Includes Servicemen's Group Life Insurance of $16.8 billion in 1970, $1.7 billion in 1975, and $45.6 billion in 1981, as well as $84.4 billion of Federal Employees' Group Life Insurance in 1981. [2] Rate is ratio of number of policies lapsed or surrendered (for cash, extended term), less reinstatements, to mean number of policies in force. Includes foreign companies' policies, primarily Canadian. [3] Includes operations of accident and health departments of life insurance companies, not shown separately. [4] Includes life, health, and property/casualty insurance.

Source: American Council of Life Insurance, Washington, DC. Based on data from *Life Insurance Fact Book*, and unpublished data.

NO. 860. LIFE INSURANCE IN FORCE IN THE U.S.—SUMMARY: 1970 TO 1983

[As of **December 31** or **calendar year**, as applicable. Covers life insurance with life insurance companies only. Represents all life insurance in force on lives of U.S. residents whether issued by U.S. or foreign companies. "Families" includes families, subfamilies, and unrelated individuals; see definitions, p. 4. See also *Historical Statistics, Colonial Times to 1970*, series X 879–889]

YEAR	LIFE INSURANCE IN FORCE						COVERAGE ($1,000)		Disposable personal income per family ($1,000)	AVERAGE SIZE POLICY IN FORCE (dollars)			
	All policies, number (mil.)	Value (bil. dol.)					Per family	Per insured family		Ordinary	Group	Industrial	Credit [1]
		Total	Ordinary	Group	Industrial	Credit [1]							
1970	355	1,402	731	545	38.6	87.9	20.7	24.4	10.3	6,110	6,910	500	1,000
1971	357	1,503	788	581	39.2	95.0	21.7	25.5	10.8	6,440	7,170	520	1,080
1972	365	1,628	849	631	40.0	108.8	22.9	26.9	11.4	6,790	7,730	530	1,190
1973	369	1,778	928	708	40.6	101.2	24.4	28.8	12.6	7,230	8,010	540	1,300
1974	380	1,985	1,009	827	39.4	109.6	26.5	31.2	13.3	7,690	8,840	550	1,310
1975	380	2,140	1,083	905	39.4	112.0	28.1	33.0	14.4	8,090	9,360	570	1,410
1976	382	2,343	1,178	1,003	39.2	123.6	30.1	35.0	15.3	8,610	10,010	580	1,580
1977	390	2,583	1,289	1,115	39.0	139.4	32.4	37.7	16.5	9,240	10,550	590	1,760
1978	401	2,870	1,425	1,244	38.1	163.1	35.1	40.8	17.9	10,010	11,260	600	1,950
1979	407	3,222	1,586	1,419	37.8	179.3	38.5	44.8	19.6	10,890	12,350	610	2,120
1980	402	3,541	1,761	1,579	36.0	165.2	41.5	48.3	21.4	11,920	13,410	620	2,110
1981	400	4,064	1,978	1,889	34.5	162.4	45.7	53.2	22.7	13,310	15,400	630	2,220
1982	390	4,477	2,217	2,066	32.8	161.1	49.3	57.3	23.9	15,140	16,630	630	2,410
1983	387	4,966	2,544	2,200	31.4	170.7	54.2	63.0	25.5	17,380	17,530	630	2,650

[1] Insures borrower to cover loan in case of death.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book*, annual.

NO. 861. LIFE INSURANCE—INSURANCE IN FORCE AND BENEFIT PAYMENTS BY STATE: 1983

[*Applies to policyholders and payments in the U.S.*]

REGION, DIVISION, AND STATE	INSURANCE IN FORCE			Benefit payments [1] (mil. dol.)
	Policies (1,000)	Value (bil. dol.)	Avg. per family (dol.)	
U.S.	***387,106***	***4,966***	***54,200***	***51,860***
Region:				
Northeast	79,130	1,088	56,300	13,281
Midwest	100,570	1,304	57,100	14,397
South	*148,954*	*1,634*	*53,400*	*14,765*
West	58,452	940	49,700	9,417
N. Eng.	**20,419**	**279**	**55,900**	**3,421**
ME	1,833	19	41,400	224
NH	1,547	20	52,000	212
VT	*801*	*10*	*44,500*	*112*
MA	8,830	125	53,400	1,558
RI	1,883	21	55,000	244
CT	5,525	84	70,000	1,071
Mid. Atl	**58,711**	**809**	**56,400**	**9,860**
NY	*25,053*	*382*	*54,900*	4,581
NJ	11,565	184	65,600	2,225
PA	22,093	243	53,000	3,054
E. No. Cent	**71,833**	**910**	**57,200**	**10,412**
OH	18,474	232	56,900	2,840
IN	*9,625*	*114*	*53,700*	*1,283*
IL	20,777	272	61,200	3,017
MI	15,429	199	57,700	2,206
WI	7,528	93	50,900	1,066
W. No. Cent	**28,737**	**394**	**57,000**	**3,985**
MN	6,306	95	*58,800*	910
IA	4,836	67	57,500	806
MO	8,680	108	54,400	1,037
ND	1,048	16	59,100	126
SD	979	14	51,400	134
NE	2,686	38	60,000	416
KS	4,192	56	57,800	556
So. Atl	**75,200**	**810**	**53,100**	**7,680**
DE	1,526	20	63,800	167
MD	7,731	98	59,500	979
DC	2,268	35	113,000	237
VA	11,358	126	60,300	1,096
WV	3,092	30	40,800	307
NC	12,469	117	49,900	1,043
SC	7,768	63	52,400	488
GA	12,462	128	59,500	972
FL	16,526	193	42,700	2,391
E. So. Cent	**30,945**	**275**	**49,700**	**2,426**
KY	6,135	60	43,100	579
TN	9,423	96	54,800	888
AL	11,609	79	54,100	646
MS	3,778	40	42,900	313
W. So. Cent	**42,809**	**549**	**55,800**	**4,659**
AR	2,738	35	39,900	324
LA	9,890	96	58,600	804
OK	4,824	67	50,900	596
TX	25,357	351	58,500	2,935
Mt	**17,539**	**252**	**51,800**	**2,362**
MT	1,118	15	45,000	147
ID	1,342	18	47,500	162
WY	665	11	52,100	97
CO	4,936	80	60,600	710
NM	1,706	25	48,100	233
AZ	4,151	55	47,400	599
UT	2,195	30	54,300	274
NV	1,426	18	45,900	160
Pac	**40,913**	**688**	**48,900**	**7,035**
WA	5,216	83	46,300	867
OR	3,170	50	43,700	529
CA	29,773	517	49,900	5,298
AK	903	12	61,500	73
HI	1,851	26	69,300	268

[1] Comprises death payments, matured endowments, disability and annuity payments, surrender values, and policy dividends.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book*, annual.

No. 862. U.S. Life Insurance Companies—Financial Items: 1970 to 1983

[**In billions of dollars, except percent.** As of **December 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 908-917]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Assets	**207.3**	**263.3**	**289.3**	**321.6**	**351.6**	**390.0**	**432.3**	**479.2**	**525.8**	**588.2**	**654.9**
Government securities	11.1	12.0	15.2	20.3	23.6	26.6	29.7	33.0	39.5	55.5	76.6
Corporate securities	88.5	118.6	133.9	154.9	171.7	191.6	208.8	227.0	241.5	268.5	297.0
Percent of total assets	42.7	45.0	46.3	48.2	48.8	49.1	48.3	47.4	45.9	45.7	45.3
Bonds	73.1	96.7	105.8	120.7	137.9	156.0	169.0	179.6	193.8	212.8	232.1
Stocks	15.4	21.9	28.1	34.3	33.8	35.5	39.8	47.4	47.7	55.7	64.9
Mortgages	74.4	86.2	89.2	91.6	96.8	106.2	118.4	131.1	137.7	142.0	151.0
Real estate	6.3	8.3	9.6	10.5	11.1	11.8	13.0	15.0	18.3	20.6	22.2
Policy loans	16.1	22.9	24.5	25.8	27.6	30.1	34.8	41.4	48.7	53.0	54.1
Other	10.9	15.4	16.9	18.5	21.1	23.7	27.6	31.7	40.1	48.6	54.0
Interest earned on assets [1] (percent)	5.30	6.25	6.36	6.55	6.89	7.31	7.73	8.02	8.57	8.91	8.96
Liabilities [2]	189.9	244.7	268.7	299.5	328.1	363.7	402.3	444.8	488.4	546.7	608.5
Policy reserves [2]	167.8	216.5	237.1	262.8	287.9	318.5	351.6	390.4	426.0	479.4	532.4
Capital and surplus [2]	17.3	18.6	20.6	22.0	23.6	26.2	30.0	34.4	37.4	41.5	46.4

[1] Net rate. [2] Includes business of accident and health departments of U.S. life insurance companies.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book,* annual.

No. 863. U.S. Life Insurance Companies—New Long-Term Investments: 1970 to 1983

[**In billions of dollars, except percent.** Long-term investments are investments of over 1 year in length. Minus sign (–) indicates decrease]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**23.9**	**37.3**	**39.6**	**35.5**	**42.5**	**55.4**	**66.6**	**68.8**	**72.6**	**77.9**	**83.7**	**110.5**	**169.9**
Annual percent change [1]	–.3	24.9	6.2	–10.2	19.7	30.2	20.3	3.2	5.6	7.3	7.4	32.1	53.7
Government securities	.8	1.6	1.4	1.5	3.7	7.3	7.5	6.5	6.9	7.0	10.6	24.3	49.1
Corporate securities	10.9	22.7	20.9	16.1	22.5	31.7	37.8	36.0	33.5	36.4	42.5	58.8	86.9
Bonds	6.8	14.2	12.7	11.3	16.6	24.0	30.2	28.0	23.1	22.3	23.0	33.0	50.8
Stocks	4.1	8.5	8.2	4.8	5.9	7.7	7.6	8.0	10.4	14.1	19.5	25.8	36.1
Mortgages	7.2	8.7	11.5	11.3	9.6	9.8	14.2	17.8	20.7	19.7	13.5	11.5	20.1
Real estate	.9	1.0	1.2	1.3	2.1	1.8	2.0	2.2	2.8	3.3	4.5	4.5	4.3
Policy loans	4.1	3.3	4.6	5.3	4.6	4.8	5.1	6.3	8.7	11.5	12.6	11.4	9.5

[1] Change from prior year shown; for 1970, change from 1969. For explanation of annual percent change, see Guide to Tabular Presentation.

Source: American Council of Life Insurance, Washington, DC, *Life Insurance Fact Book,* annual.

No. 864. Property and Liability Insurance: 1970 to 1982

[**In millions of dollars, except companies reporting.** Premiums written represent total premiums on all insurance policies written by companies, with inception dates in years shown. Minus sign (–) indicates loss. See also *Historical Statistics, Colonial Times to 1970,* series X 918, 923, 928, 933, and 940]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Companies reporting	2,727	2,934	2,886	2,880	2,940	2,938	2,867	2,867	2,953	2,994
Premiums written [1]	**32,867**	**45,152**	**49,967**	**60,418**	**72,397**	**81,690**	**90,123**	**95,569**	**99,276**	**103,968**
Auto liability	8,958	12,010	13,315	16,052	18,829	20,383	22,102	23,319	24,395	26,226
Physical damage, auto	4,824	7,064	7,623	9,565	11,521	12,835	14,538	15,833	16,748	18,005
Liability, other than auto	2,140	2,990	3,981	5,384	6,794	7,706	7,817	7,692	7,385	7,159
Medical malpractice	(NA)	(NA)	895	1,133	1,194	1,216	1,204	1,276	1,338	1,490
Fire [2]	3,147	3,536	3,691	4,102	4,415	4,675	4,781	4,784	4,817	4,836
Homeowners multiple peril	2,565	4,156	4,729	5,689	6,766	7,792	8,792	9,821	10,780	11,747
Commercial multiple peril	1,331	2,857	3,176	4,052	4,891	5,830	6,667	6,886	6,870	7,009
Workers' compensation	3,492	5,473	6,186	7,534	9,261	11,300	13,164	14,239	14,616	13,945
Inland marine	812	1,169	1,266	1,444	1,584	1,867	2,061	2,291	2,428	2,510
Ocean marine	465	765	861	902	953	1,000	1,009	1,065	1,127	1,101
Surety and fidelity	562	748	789	835	912	1,076	1,155	1,248	1,351	1,454
Burglary and theft	135	130	120	124	129	133	140	136	128	115
Crop-hail	125	260	312	325	340	351	396	417	504	532
Boiler and machinery	115	141	173	170	213	256	283	293	298	293
Glass	40	34	32	32	34	35	33	32	31	29
Statutory underwriting gain	77	–1,878	–3,594	–1,559	1,926	2,548	24	–1,712	–4,464	–6,303
Policyholders' dividends	504	767	633	630	815	1,252	1,324	1,622	1,824	1,987
Net underwriting gain	–426	–2,645	–4,227	–2,189	1,112	1,296	–1,301	–3,334	–6,288	–10,290
Net investment income	[3] 2,005	[3] 3,833	[3] 4,150	[3] 4,806	5,816	7,290	9,279	11,063	[3] 13,248	[3] 14,907
Net income before taxes	1,579	1,168	77	2,617	6,928	8,586	7,978	7,730	6,961	4,617
Assets	[3] 58,594	[3] 82,115	[3] 94,118	105,586	126,613	149,097	174,228	197,661	212,302	231,693
Policyholders' surplus	[3] 18,520	[3] 20,898	[3] 25,303	24,678	29,300	35,379	42,456	52,196	53,804	60,395

NA Not available. [1] Total includes all property, liability, and allied lines; other data are for principal lines only.
[2] Includes extended coverage and allied lines. [3] Includes duplication because of interownerships within company groups.

Source: Insurance Information Institute, New York, NY, *Insurance Facts,* annual. Data from A. M. Best Company, Oldwick, NJ.

No. 865. Automobile Insurance: 1970 to 1983

[In millions of dollars, except as indicated. Premiums earned basis. See also *Historical Statistics, Colonial Times to 1970*, series Q 163-174]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	
									Private passenger	Commercial
Companies reporting	**925**	**1,275**	**1,363**	**1,381**	**1,399**	**1,470**	**1,507**	**1,531**	**1,571**	
Total insurance:										
Premiums earned	14,612	23,860	29,074	32,393	35,366	37,621	39,752	42,606	40,587	7,649
Losses paid [1]	11,198	19,657	20,264	22,755	26,130	27,887	30,605	35,106	32,453	6,745
Percent of premiums	76.6	82.4	69.7	70.2	73.9	74.1	77.0	82.4	80.0	88.2
Bodily injury liability: [2]										
Premiums earned	9,559	15,150	18,130	19,997	21,544	22,460	23,623	25,380	23,797	4,838
Losses paid [1]	7,547	12,277	13,063	14,252	16,016	17,221	19,154	21,807	20,428	4,491
Percent of premiums	79.0	81.0	72.1	71.3	74.3	76.6	81.1	85.9	85.8	92.8
Physical damage: [3]										
Premiums earned	5,053	8,710	10,944	12,396	13,822	15,141	16,130	17,215	16,790	2,810
Losses paid [1]	3,651	7,380	7,201	8,503	10,114	10,665	11,452	13,130	12,025	2,254
Percent of premiums	72.3	84.7	65.8	68.6	73.3	70.4	71.0	76.3	71.6	80.2

[1] Includes adjusting expenses. [2] Includes property damage. [3] Covers auto fire, theft, collision, and comprehensive.
Source: The National Underwriter Co., Cincinnati, OH, *Argus F. C. & S. Chart*, annual (copyright).

No. 866. Private Health Insurance Organizations—Income and Expenses: 1970 to 1982

[In millions of dollars, except percent. Minus sign (−) indicates loss. See also *Historical Statistics, Colonial Times to 1970*, series X 957-962]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All organizations:											
Total premium income	17,075	24,845	27,777	32,437	38,172	44,619	49,692	55,859	63,624	73,184	84,245
Claims expense	*15,619*	*21,091*	*24,466*	*30,072*	*35,471*	*40,013*	*45,044*	*50,176*	*58,619*	*66,773*	*76,611*
Percent of premium income	91.5	84.9	88.1	92.7	92.9	89.7	90.6	89.8	92.1	91.2	90.9
Operating expense	2,390	3,468	3,887	4,193	4,789	5,464	6,194	7,116	8,207	9,667	11,153
Net underwriting gain	−934	286	−576	−1,828	−2,088	−858	−1,546	−1,433	−3,202	−3,256	−3,519
Blue Cross-Blue Shield:											
Premium income	7,371	11,059	12,367	14,446	17,268	19,553	21,547	23,471	26,334	30,447	34,338
Claims expense	7,060	10,004	11,640	14,192	16,227	17,626	19,465	21,724	25,466	29,209	32,357
Operating expense	534	775	911	1,063	1,193	1,330	1,502	1,716	1,951	2,250	2,476
Net underwriting gain	*−224*	*280*	*−184*	*−809*	*−151*	597	580	31	−1,083	−1,012	−495
Insurance companies:											
Premium income	8,636	11,944	13,151	14,849	16,752	19,335	20,867	23,035	25,131	27,690	31,400
Claims expense	7,531	9,480	10,802	13,157	15,493	17,206	19,057	20,145	21,678	23,266	26,198
Net underwriting gain	−1,587	−108	−473	−1,216	−2,064	−1,623	−2,359	−1,783	−1,989	−1,745	−1,720
Other plans: Premium income	1,068	1,842	2,259	3,142	4,151	5,730	7,279	9,353	12,159	15,047	18,507

Source: Through 1975, U.S. Social Security Administration, Social Security Bulletin, various issues, and unpublished data; thereafter, U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1981, and unpublished data.

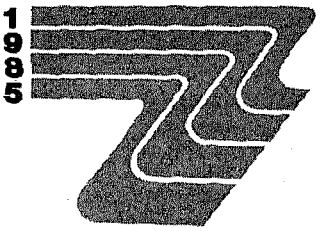
No. 867. Health Insurance—Premium Income and Benefit Payments: 1970 to 1982

[In billions of dollars. Represents premium income of and benefits paid by insurance companies only. Beginning 1975, includes Puerto Rico and other U.S. outlying areas. Excludes Blue Cross-Blue Shield plans, medical-society sponsored plans, and all other independent plans]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Premiums [1]	**11.5**	**14.8**	**16.1**	**17.9**	**20.8**	**24.5**	**28.7**	**32.7**	**37.9**	**43.7**	**49.0**	**58.3**
Group policies [2]	8.1	10.9	11.8	13.2	15.9	19.4	23.2	26.9	31.7	36.8	42.5	50.0
Individual and family policies	3.4	3.8	4.3	4.7	4.9	5.1	5.4	5.8	6.2	6.9	6.5	8.3
Benefit payments [3]	**9.1**	**10.6**	**11.9**	**13.6**	**16.5**	**20.2**	**22.1**	**26.4**	**31.7**	**37.0**	**41.6**	**49.2**
Group policies [2]	7.5	8.9	9.8	11.4	14.2	17.8	19.5	22.9	27.9	33.0	37.7	44.2
Individual and family policies	1.6	1.7	2.1	2.2	2.3	2.4	2.6	3.5	3.8	4.0	3.9	4.9
Type of coverage:												
Loss of income	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.4	4.7	5.3	5.2	5.5
Medical expense	7.1	8.5	9.4	10.8	13.2	16.1	17.6	21.2	24.8	28.9	33.0	39.6
Dental	.1	.2	.3	.3	.6	1.2	1.5	1.8	2.2	2.8	3.5	4.0

[1] 1970 refers to written premiums; thereafter, refers to earned premiums. [2] Beginning 1975, insurance company group premiums and benefit payments include Administrative Service Agreements and Minimum Premium Plans. Amounts for prior years contain only a portion of these data. [3] Beginning 1972, excludes accidental death and dismemberment benefits and accident medical reimbursement benefits.

Source: Health Insurance Association of America, Washington, DC, *Source Book of Health Insurance Data*, annual through 1982-83 edition.



Section 18

Business Enterprise

This section relates to the place and behavior of the business firm, and to business initiative in the American economy. It includes data on the number, type, and size of businesses; financial data of domestic and multinational U.S. corporations and their foreign affiliates; business investment, expenditures, and profits; business sales and inventories; consumer cooperatives; and business failures. Additional business data may be found in other sections, particularly 29 and 30.

The principal sources of these data are the *Survey of Current Business,* published by the Bureau of Economic Analysis (BEA); the *Federal Reserve Bulletin,* issued by the Board of Governors of the Federal Reserve System; the annual *Statistics of Income* reports of the Internal Revenue Service (IRS); *The Failure Record Through (Year),* issued by the Dun & Bradstreet Corporation, New York; and *Fortune* and *The Fortune Directory,* issued by Time, Inc., New York. Other sources are publications of the Securities and Exchange Commission (SEC), the Bureau of the Census, and the Administrative Office of the United States Courts.

Business firms.—A firm is generally defined as a business organization under a single management and may include one or more establishments (i.e., a single physical location at which business is conducted). The terms firm, business, company, and enterprise are used interchangeably throughout this section. A firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The industrial classification is based on the *Standard Industrial Classification (SIC) Manual* (see text, page 388).

The IRS concept of a business firm relates primarily to the legal entity used for tax reporting purposes. The IRS *Statistics of Income* reports present data, based on a sample of tax returns before audit, separately for sole proprietorships, partnerships, and active corporations. A *sole proprietorship* is an unincorporated business owned by one person. Sole proprietorships include the entire range of unincorporated, one-owner businesses, farms, and professional practices, from large enterprises with many employees and hired managers to the part-time operations in which the owner is the only person involved. A *partnership* is an unincorporated business owned by two or more persons, each of whom has a financial interest in the business. The "persons" could be individuals, estates, trusts, or corporations. A *corporation* is a business that is legally incorporated under State laws. The IRS recognizes many types of businesses as corporations, including joint-stock companies; mutual and other insurance companies; and unincorporated associations such as business trusts, mutual savings and loan associations, certain partnerships, mutual savings banks, and cooperative banks. While many corporations file consolidated tax returns, most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

Assets and liabilities.—In its annual report, *Statistics of Income, Corporation Income Tax Returns,* the IRS presents balance sheet and income estimates for all active U.S. corporations. The Bureau of the Census issues the *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations* (QFR), which presents quarterly income account and balance sheet data for manufacturing, mining, and trade industries. The Federal Trade Commission issues *Working Capital of U.S. Nonfinancial Corporations,* which presents data on components of current assets and liabilities of all nonfinancial U.S. corporations. Both of these reports were prepared by the Federal Trade Commission until responsibilities for QFR were transferred to Census beginning with the 4th quarter 1982 report.

One of the most comprehensive measures of the investment position of the business sector (and the only measure adjusted to current replacement cost) is the BEA capital stock series. See *Fixed Reproducible Tangible Wealth in the United States, 1925-79,* and periodic updates in the *Survey of Current Business.*

Income, profits, dividends, and taxes.—Several agencies, among them IRS and BEA, compile corporate income account data. These data, however, are not comparable because of differing methods of compilation. A reconciliation of the two can be found in table 8.12 of *National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business* (normally the July issue), published by BEA. The IRS publishes financial data for all business enterprises. These data appear in *Statistics of Income—Partnership Returns, Sole Proprietorship Returns,* and *Corpo-*

ration Income Tax Returns. Supplemental reports published periodically present data on international income and taxes reported by U.S. corporations.

The corporate data issued by BEA are a part of its national income and product accounts (see text, p. 427) and are defined as required for purposes of national income estimation. The primary sources for BEA estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to IRS. Various adjustments of IRS data are required by the national income treatment—particularly with respect to profits which would be disclosed if all tax returns were audited; depletion; capital gain or loss; treatment of bad debts; measurement of income received from abroad; and intercorporate dividends—to make the figures comparable with other entries in the national income accounts. For a discussion of two types of adjustments (inventory valuation and capital consumption), see text, page 427. The BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several quasi-government credit agencies not included in IRS data.

Sources and uses of corporate funds.—These data (table 905) show capital requirements of corporations and the manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) net purchases of land. Also, the balance sheet data upon which many of the financial flow estimates are based are not fully comparable with the tax-return based estimates of internal sources, or the establishment series underlying the figures on inventory change.

Plant and equipment expenditures.—Estimates of actual and planned expenditures for new plant and equipment in the United States by most private, nonagricultural business firms are based on quarterly sample surveys conducted by the Bureau of Economic Analysis.

For quarterly data, see current issues of the *Survey of Current Business.* For discussion of coverage, concepts, and methodology, see October 1980 issue of the *Survey;* for methodology used to derive the constant-dollar estimates, see the September 1981 issue of the *Survey.*

Sales and inventories.—Sales are estimated aggregate values, and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories (see table 901) are based on data from censuses (conducted every five years, for years ending in "2" and "7") and annual surveys. Monthly data for manufacturing appear in the Bureau of the Census Current Industrial Reports, *Manufacturers' Shipments, Inventories, and Orders,* series M3-1; for data on retail and wholesale trade, see Section 30.

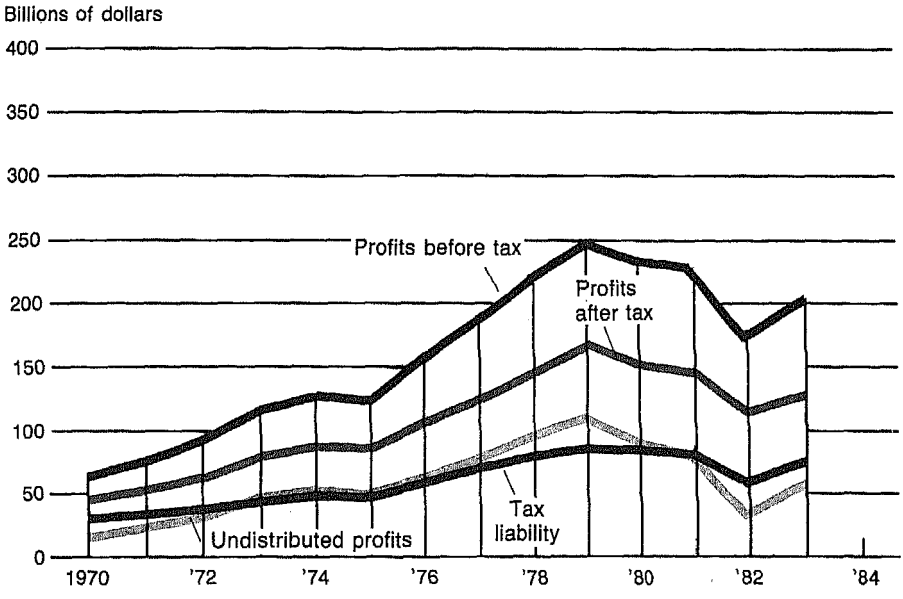
Sales, assets, net income, stockholder's equity, and total returns to investors.—Sales include service and rental revenues but exclude dividends, interest, and other non-operating revenues. All companies on the list must have derived more than 50 percent of their sales from manufacturing and/or mining. Sales of subsidiaries are included when they are consolidated. **Assets** are those shown at the company's year-end. **Net income** is shown after taxes and after extraordinary credits or charges when any are shown on the income statement. **Stockholder's equity** is the sum of capital stock, surplus and retained earnings at the company's year-end. Redeemable preferred stock is excluded when its redemption is either mandatory or outside the control of the company, except in the case of cooperatives. **Total returns to investors** include both price appreciation and dividend yield. Returns are adjusted for stock splits, stock dividends, recapitalizations, and corporate reorganizations as they occur. For further discussion, see Time, Inc., New York, NY, *The Fortune Directory,* May and June issues.

Economic censuses.—The economic censuses constitute comprehensive and periodic canvasses of the Nation's industrial and business activities. The first economic census of the United States was conducted as part of the 1810 decennial census, when inquiries on manufacturing were included with the census of population. Minerals data were collected in 1840. The first censuses of construction and business were taken for 1929. An integrated economic census program was begun for 1954. In that year, the censuses covered the retail and wholesale trades, selected service industries, manufactures, and mineral industries. The economic censuses are taken at 5-year intervals covering years ending in "2" and "7".

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

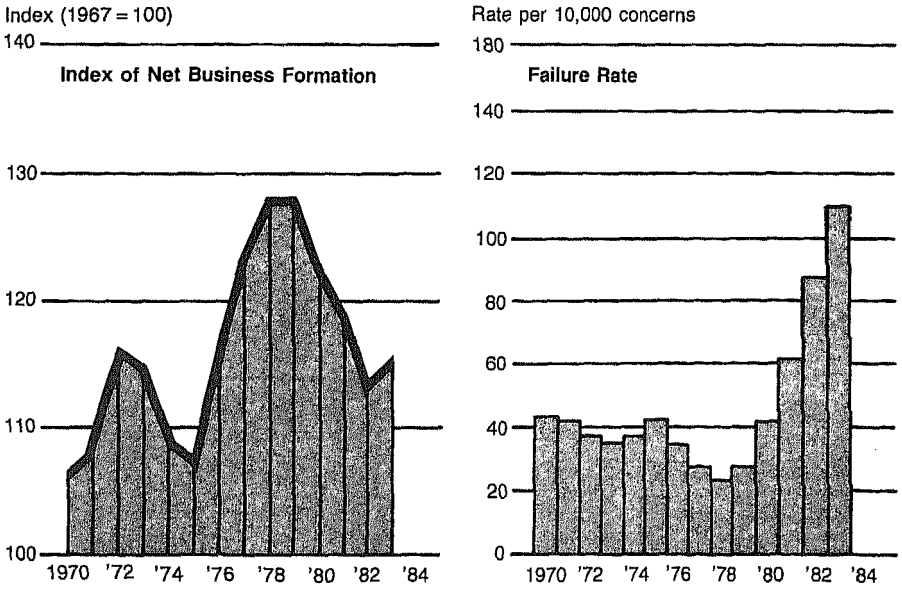
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 18.1
Corporate Profits: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 906.

Figure 18.2
Index of Net Business Formation and Business Failure Rate: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 876.

No. 868. Number of Returns, Receipts, and Net Income, by Type of Business: 1970 to 1981

[Figures are estimates based on samples; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 1–12. For further information regarding corporations, see tables 888–890]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981
Number	1,000	12,001	13,979	14,536	14,741	15,629	16,187	16,793	16,458
Receipts [1]	Bil. dol	2,082	3,685	4,170	4,699	5,377	6,345	7,159	7,821
Net income (less deficit) [2]	Bil. dol	109	196	245	283	320	361	302	259
Proprietorships, number [3]	1,000	9,400	10,882	11,358	11,346	12,018	12,330	12,702	12,185
Business receipts [1]	Bil. dol	238	339	375	394	443	488	506	523
Net income (less deficit) [2]	Bil. dol	33	45	50	51	59	61	55	48
Partnerships, number	1,000	936	1,073	1,096	1,153	1,234	1,300	1,380	1,461
Total receipts [4]	Bil. dol	93	147	160	177	219	258	292	272
Net income (less deficit) [2]	Bil. dol	10	8	10	13	14	15	8	−3
Corporations, number	1,000	1,665	2,024	2,082	2,242	2,377	2,557	2,711	2,812
Total receipts [4]	Bil. dol	1,751	3,199	3,635	4,128	4,715	5,599	6,361	7,026
Net income (less deficit) [2 5]	Bil. dol	66	143	185	219	247	285	239	214

[1] See footnote 1, table 871. [2] See footnote 2, table 871. [3] Individually owned businesses and farms. [4] Total taxable receipts before deduction of cost of goods sold, cost of operations, and net loss from sales of property other than capital assets. Includes business receipts, interest, and receipts not specified.
[5] Includes constructive taxable income from related foreign corporations.

No. 869. Number of Returns and Business Receipts, by Size of Receipts and Type of Business: 1975 to 1981

[See headnote, table 871, and *Historical Statistics, Colonial Times to 1970*, series V 1–12. For further information regarding corporations, see tables 888–890]

SIZE-CLASS OF RECEIPTS	1975		1980		1981							
					Returns (1,000)				Receipts (bil. dol.)			
	Returns (1,000)	Receipts (bil. dol.)	Returns (1,000)	Receipts (bil. dol.)	Total	Nonfarm proprietorships	Partnerships [1]	Corporations [1]	Total	Nonfarm proprietorships	Partnerships [1]	Corporations [1]
Total	**13,979**	**3,447**	**16,793**	**6,523.4**	**13,858**	**9,585**	**1,461**	**2,812**	**6,934.2**	**427.0**	**262.5**	**6,244.7**
Under $25,000 [2]	9,107	55	10,290	64.7	8,028	6,695	748	585	46.8	42.5	1.5	2.8
$25,000–$49,999	1,519	53	1,811	63.6	1,474	1,100	164	210	49.9	39.3	4.1	6.5
$50,000–$99,999	1,247	86	1,589	110.6	1,352	860	180	312	90.8	60.4	9.4	21.0
$100,000–$499,999	1,575	330	2,202	473.6	2,068	817	278	973	439.3	161.5	47.1	230.7
$500,000–$999,999	249	169	412	282.2	423	80	51	292	282.4	54.3	26.6	201.5
$1,000,000 or more	284	2,754	488	5,528.6	512	33	39	440	6,023.8	69.0	172.7	5,782.1
	PERCENT DISTRIBUTION											
Under $25,000 [2]	65.1	1.6	61.3	1.0	57.9	70.0	51.2	20.8	.7	10.0	.6	(z)
$25,000–$49,999	10.9	1.5	10.8	1.0	10.6	11.5	11.2	7.5	.7	9.2	1.6	.1
$50,000–$99,999	8.9	2.5	9.5	1.7	9.8	9.0	12.3	11.1	1.3	14.2	3.6	.3
$100,000–$499,999	11.3	9.6	13.1	7.3	14.9	8.5	19.0	34.6	6.3	37.8	18.0	3.7
$500,000–$999,999	1.8	4.9	2.5	4.3	3.1	.8	3.5	10.4	4.1	12.7	10.1	3.2
$1,000,000 or more	2.0	79.9	2.9	84.8	3.7	.3	2.7	15.7	86.9	16.2	65.8	92.6

Z Less than .05 percent. [1] Business receipts. Active firms only. [2] Includes firms with no receipts.

Source of tables 868 and 869: U.S. Internal Revenue Service, 1975, *Statistics of Income, Business Income Tax Returns*, annual; thereafter, *Statistics of Income, Sole Proprietorship Returns*, annual; *Statistics of Income, Partnership Returns*, annual; and *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 870. Federal Government Loans to All Small Businesses: 1970 to 1983

[For years ending **June 30** except, beginning **1977** ending **Sept. 30.** A small business must be independently owned and operated, must not be dominant in its particular industry, and must meet standards set by the Small Business Administration as to its annual receipts or number of employees]

LOANS APPROVED	Unit	1970–1983, avg.	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Loans, all businesses	1,000	25.9	15.1	22.3	26.1	31.8	31.7	30.2	31.7	28.7	15.4	19.2
Minority-operated businesses	1,000	6.0	6.3	5.4	5.5	6.2	6.1	5.5	6.0	5.2	2.5	2.7
Percent of all businesses	Percent	23	41	24	21	19	19	18	19	18	16	14
Value of total loans	Mil. dol	2,397	710	1,594	2,071	3,049	3,314	3,407	3,858	3,668	2,038	3,007
Loans to minority-operated businesses	Mil. dol	313	160	229	262	352	402	428	470	454	238	295
Percent of all loans	Percent	13	23	14	13	12	12	13	12	12	12	10

Source: U.S. Small Business Administration, unpublished data.

No. 871. Number of Returns, Receipts, and Net Income, by Industry and Type of Business: 1981

[Figures are estimates based on sample of unaudited tax returns; see Appendix III. Due to minor variations in estimating techniques, totals differ slightly from those shown in other IRS tables in this section. For further information regarding corporations, see tables 888–890. See *Historical Statistics, Colonial Times to 1970*, series V 42–53, for number of active corporations. Minus sign (–) indicates net loss]

Industry	Number of returns (1,000)			Business receipts [1] (bil. dol.)			Net income (less deficit) [2] (bil. dol.)		
	Nonfarm proprietorships	Active partnerships	Active corporations	Nonfarm proprietorships	Active partnerships	Active corporations	Nonfarm proprietorships	Active partnerships	Active corporations
Total [3]	**9,585**	**1,461**	**2,812**	**427.1**	**[4] 262.3**	**[4] 6,244.7**	**53.1**	**–2.7**	**213.6**
Agriculture, forestry, and fishing	256	125	85	7.0	5.0	60.9	–.8	–.7	.3
Mining	124	51	33	10.4	15.3	190.5	–.2	–10.1	5.8
Construction	1,098	70	276	47.7	16.6	270.5	6.8	1.2	3.4
Manufacturing	257	30	251	13.6	14.2	2,487.6	1.4	–.4	116.7
Transportation, public utilities [5]	434	22	109	21.9	6.2	575.6	2.1	–.2	19.5
Wholesale and retail trade [6]	2,453	217	817	198.3	70.4	1,997.1	8.4	1.3	33.3
Wholesale	338	30	279	35.1	29.6	1,119.7	2.3	.4	22.6
Retail	2,009	185	534	157.8	40.1	873.7	5.6	1.1	10.6
Finance, insurance, real estate [6]	907	682	470	22.2	73.6	877.8	6.0	–5.4	26.3
Services	3,953	263	753	103.0	61.0	259.9	27.5	11.6	8.1

[1] Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the taxpayer's business. [2] Net income (less deficit) is defined differently by legal form of organization, basically as follows: (a) Proprietorships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income are excluded; (b) Partnerships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, except capital gains, are included; (c) Corporations: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, such as capital gains and income from foreign corporations considered received for tax purposes only, are included; net profit is before income tax. [3] Includes business not allocable to individual industries. [4] Includes only business receipts portion of finance, insurance and real estate industries, therefore industry components exceed the total. [5] Includes sanitary services. [6] Includes total receipts for the finance, insurance, and real estate industry.

No. 872. Number of Returns, Receipts, and Net Income, by Industry, by Type of Business, and by Size of Business Receipts: 1981

[Number in thousands; receipts and net income in millions of dollars. See headnote, table 871. See *Historical Statistics, Colonial Times to 1970*, series V 42–53, for number of active corporations. Minus sign (–) indicates net loss]

Industry	Nonfarm proprietorships [1]			Active partnerships			Active corporations		
	Under $50,000 [2]	$50,000–$99,999	$100,000 or more	Under $100,000 [2]	$100,000–$499,999	$500,000 or more	Under $500,000	$500,000–$999,999	$1,000,000 or more
All industrial divisions: [3]									
Number	7,795	860	930	1,092	278	90	2,080	292	440
Business receipts [4]	81.8	60.4	284.9	16,109	47,118	199,279	261,062	201,539	5,782,077
Net income [5]	16.8	12.9	23.4	–23,072	3,003	17,334	–2,018	3,839	211,828
Agriculture, forestry, fishing:									
Number	224	18	14	117	6	2	70	8	8
Business receipts [4]	2.1	1.3	3.6	302	1,356	3,335	9,277	5,409	46,221
Mining:									
Number	101	8	15	41	7	3	23	4	7
Business receipts [4]	.8	.5	9.1	364	1,462	13,483	2,304	2,576	184,673
Construction:									
Number	872	114	112	49	17	4	195	34	47
Business receipts [4]	11.9	8.0	27.8	1,711	3,432	11,411	29,299	24,225	217,020
Manufacturing:									
Number	200	25	32	20	8	3	135	36	79
Business receipts [4]	2.1	1.8	9.8	492	1,644	12,098	21,952	26,392	2,439,352
Transportation, public utilities: [6]									
Number	313	83	38	15	5	2	80	13	16
Business receipts [4]	5.1	5.7	11.1	461	1,073	4,706	9,307	8,918	557,378
Wholesale and retail trade:									
Number	1,763	243	448	127	67	23	492	119	205
Business receipts [4]	17.9	17.2	163.2	4,021	15,200	51,221	85,807	85,409	1,826,048
Finance, insurance, real estate:									
Number	817	59	32	546	101	34	420	17	32
Business receipts [4]	8.4	4.0	9.7	4,509	8,971	60,093	18,238	7,392	305,002
Services:									
Number	3,416	304	232	177	66	20	649	59	45
Business receipts [4]	32.6	21.4	49.0	4,229	13,958	42,820	83,746	40,788	203,519

[1] Individually owned businesses. [2] Includes businesses without receipts. [3] Includes businesses not allocable to individual industries. [4] See footnote 1, table 871. [5] Less loss. See footnote 2, table 871. [6] Includes sanitary services.

Source of tables 871 and 872: U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns*, annual; *Statistics of Income, Partnership Returns*, annual; and *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 873. Establishments, Employees, and Payroll by Industry and Employment-Size Class: 1982

[Excludes government employees, railroad employees, self-employed persons, etc. See "General Explanation" in source for definitions and statement on reliability of data]

ITEM	Unit	All industries [1]	Agricultural services [2]	Mining	Contract construction	Manufacturing	Transportation [3]	Wholesale trade	Retail trade	Finance and insurance [4]	Services
Establishments, total	1,000	**4,634**	**50**	**35**	**386**	**329**	**177**	**404**	**1,285**	**426**	**1,441**
Under 20 employees	1,000	4,013	47	26	351	207	138	344	1,116	378	1,306
20 to 99 employees	1,000	518	2	7	31	85	30	55	155	41	110
100 to 249 employees	1,000	71	(z)	1	3	23	6	4	12	5	17
250 or more employees	1,000	32	(z)	1	1	14	3	1	2	2	8
Employees, total	1,000	**74,297**	**320**	**1,188**	**3,941**	**19,572**	**4,627**	**5,235**	**15,280**	**5,447**	**18,582**
Under 20 employees	1,000	19,898	187	155	1,580	1,428	759	2,067	6,267	1,636	5,731
20 to 99 employees	1,000	21,143	78	305	1,210	3,832	1,306	2,057	6,172	1,612	4,553
100 to 249 employees	1,000	10,675	27	220	441	3,537	924	610	1,670	689	2,557
250 or more employees	1,000	22,581	28	508	710	10,775	1,638	501	1,171	1,510	5,741
Payroll	**Bil. dol**	**1,199**	**3.9**	**29.2**	**78.8**	**385.5**	**103.8**	**104.1**	**141.1**	**96.1**	**255.2**
Under 20 employees	Bil. dol	272	2.3	3.5	25.8	22.7	12.3	37.9	54.5	26.2	85.1
20 to 99 employees	Bil. dol	303	.9	6.9	25	63.5	26.3	41	55.5	27.7	56.5
100 to 249 employees	Bil. dol	169	(z)	5.4	10	61.3	21.2	12.9	16.2	12.3	29.8
250 or more employees	Bil. dol	455	(z)	13.4	18	238.0	44.0	12.3	14.9	29.9	83.8

Z Less than 500 or $500 million. [1] Includes nonclassifiable establishments not shown separately. [2] Includes forestry and fisheries. [3] Includes other public utilities. [4] Includes real estate.

No. 874. All Industries—Establishments, Employees, and Payroll, by Employment-Size Class: 1974 to 1982

[See headnote, table 873]

EMPLOYMENT SIZE-CLASS	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982
Establishments, total	1,000	**4,110**	**4,114**	**4,143**	**4,352**	**4,409**	**4,536**	**4,543**	**4,587**	**4,634**
Under 20 employees	1,000	3,613	3,637	3,649	3,832	3,839	3,929	3,932	3,972	4,013
20 to 99 employees	1,000	412	398	411	433	475	505	508	510	518
100 to 249 employees	1,000	56	52	55	58	64	69	70	72	71
250 or more employees	1,000	29	27	28	29	31	33	33	33	32
Employees, total	1,000	**63,488**	**60,564**	**62,648**	**64,976**	**70,289**	**74,681**	**74,836**	**74,850**	**74,297**
Under 20 employees	1,000	16,396	16,393	16,821	17,605	18,723	19,406	19,423	19,515	19,898
20 to 99 employees	1,000	16,936	16,272	17,099	17,815	19,612	20,992	21,168	21,231	21,143
100 to 249 employees	1,000	8,615	8,052	8,508	8,877	9,769	10,508	10,812	10,940	10,675
250 or more employees	*1,000*	*21,541*	*19,847*	*20,220*	*20,679*	*22,185*	*23,775*	*23,433*	*23,164*	*22,581*
Annual payroll	**Bil. dol**	**577**	**596**	**661**	**738**	**841**	**952**	**1,039**	**1,150**	**1,199**
Under 20 employees	Bil. dol	132	138	151	171	190	210	231	254	272
20 to 99 employees	Bil. dol	140	147	164	183	211	239	261	288	303
100 to 249 employees	Bil. dol	76	78	88	99	114	131	146	164	169
250 or more employees	Bil. dol	229	233	258	285	326	372	401	444	455

Source of tables 873 and 874: U.S. Bureau of the Census, *County Business Patterns*, annual.

No. 875. INC. 100—The Top 100 Smaller Publicly-Held Corporations, Based on Five-Year Sales Growth: 1980 to 1984

[The INC. 100 includes independent, publicly held corporations in a manufacturing, mining, or service industry with sales less than $25 million in respective base years 1975 to 1979. Includes only those 100 companies with the highest sales growth rate. Excludes utilities, banks, insurance companies, and other financial institutions]

ITEM	Unit	1980	1981	1982	1983	1984
Firms by industry:						
Manufacturing	Number	56	53	53	51	51
Services	Number	32	30	36	32	42
Mining (incl. oil and gas)	Number	12	17	11	17	7
Sales, total	Bil. dol	4.6	5.0	5.0	5.3	4.5
Percent change (5 yr.): [1]						
Top 100 companies	Percent	753	1,188	1,247	1,177	2,030
Top company	Percent	9,534	36,567	43,154	88,970	43,670
100th company	Percent	321	510	592	500	783
All manufacturing corporations [2]	Percent	58	62	36	21	(NA)
Net income, total	Mil. dol	292.7	347.8	404.8	463.5	173.2
Mean sales	Mil. dol	29.8	29.6	28.7	27.1	20.2
Net income as percent of sales (mean)	Percent	7.2	8.7	8.9	9.6	5.7
Number acquiring other firms	Number	48	58	45	43	45
Number incorporated (past 10 yrs.)	Number	32	41	56	53	77
Employees, total	Number	78,146	88,732	62,597	68,273	50,578

NA Not available. [1] Represents 5 year growth from respective base year; 1980 change from 1975; 1981 change from 1976, etc. [2] Source: U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

Source: Except as noted, Bradford W. Ketchum, Jr., senior editor, INC. Magazine, Boston, MA, *INC.*, selected monthly issues. (Copyright.)

No. 876. New Business Concerns and Business Failures: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series V 21-24]

FORMATIONS AND FAILURES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Business formations:														
Index, net formations [1] (1967=100)	106.4	108.5	115.9	114.9	109.2	107.0	115.6	123.2	128.2	128.3	122.4	118.6	113.2	114.8
New incorporations (1,000)	264	288	317	329	319	326	376	438	478	525	534	582	567	600
Failures, number [2] (1,000)	10.7	10.3	9.6	9.3	9.9	11.4	9.6	7.9	6.6	7.6	11.7	16.8	24.9	[3] 31.3
Rate per 10,000 concerns	44	42	38	36	38	43	35	28	24	28	42	61	88	[3] 110

[1] Source: U.S. Bureau of Economic Analysis press release. [2] See footnote 2, table 877. [3] Preliminary.

Source: Except as noted, Dun & Bradstreet Corporation, New York, NY, *Monthly New Business Incorporation Report.*

No. 877. Industrial and Commercial Failures—Number and Liabilities: 1946 to 1983

[Excludes Hawaii prior to 1975, Alaska prior to 1976. Excludes all railroad failures. Excludes real estate and financial companies. See also *Historical Statistics, Colonial Times to 1970*, series V 20-30]

YEARLY AVERAGE OR YEAR	Total concerns in business [1] (1,000)	FAILURES [2] Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)	YEAR	Total concerns in business [1] (1,000)	FAILURES [2] Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)
1946-1950	2,493	5,652	21	213	45	1971	2,466	10,326	42	1,917	186
1951-1955	2,635	9,317	35	370	39	1972	2,490	9,566	38	2,000	209
1956-1960	2,674	14,177	53	708	50	1973	2,567	9,345	36	2,299	246
1961-1965	2,565	14,849	57	1,261	86	1974	2,591	9,915	38	3,053	308
1966-1970	2,481	10,993	44	1,324	121	1975	2,679	11,432	43	4,380	383
1971-1975	2,559	10,117	40	2,730	270	1976	2,782	9,628	35	3,011	313
1976-1980	2,770	8,694	31	3,213	371	1977	2,793	7,919	28	3,095	391
1965	2,527	13,514	53	1,322	98	1978	2,786	6,619	24	2,656	401
1966	2,520	13,061	52	1,386	106	1979	2,708	7,564	28	2,667	353
1967	2,519	12,364	49	1,265	102	1980	2,780	11,742	42	4,635	395
1968	2,481	9,636	39	941	98	1981	2,745	16,794	61	6,955	414
1969	2,444	9,154	37	1,142	125	1982	2,806	24,908	88	15,611	627
1970	2,442	10,748	44	1,888	176	1983, prel	2,851	31,334	110	(NA)	(NA)

NA Not available.

[1] Data represent number of names listed in July issue of *Dun & Bradstreet Reference Book.* [2] Includes concerns discontinued following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; voluntary withdrawals from business with known loss to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court. [3] Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

No. 878. Industrial and Commercial Failures—Number and Liabilities, by States: 1981 and 1982

DIVISION AND STATE	NUMBER 1981	NUMBER 1982	CURRENT LIABILITIES [1] (mil. dol.) 1981	CURRENT LIABILITIES [1] (mil. dol.) 1982	DIVISION AND STATE	NUMBER 1981	NUMBER 1982	CURRENT LIABILITIES [1] (mil. dol.) 1981	CURRENT LIABILITIES [1] (mil. dol.) 1982	DIVISION AND STATE	NUMBER 1981	NUMBER 1982	CURRENT LIABILITIES [1] (mil. dol.) 1981	CURRENT LIABILITIES [1] (mil. dol.) 1982
U.S	**16,794**	**24,908**	**5,955.2**	**15,610.8**	**W.N.C.—Con.**					**W.S.C**	**1,599**	**2,416**	**810.6**	**2,557.7**
										AR	138	170	57.0	65.9
N.E	**553**	**650**	**255.4**	**481.5**	MO	176	551	36.8	141.0	LA	205	328	71.3	494.2
ME	77	94	16.5	22.7	ND	51	77	16.1	39.7	OK	216	559	110.9	376.0
NH	11	56	3.7	34.3	SD	67	86	24.1	22.8	TX	1,040	1,359	571.4	1,621.6
VT	25	14	8.4	2.8	NE	133	146	47.0	36.3					
MA	226	331	158.3	379.4	KS	187	362	45.1	86.5	**Mt**	**757**	**1,868**	**233.7**	**1,676.5**
RI	36	58	11.9	13.1	**S.A**	**1,942**	**3,064**	**637.1**	**1,202.5**	MT	64	61	9.6	51.3
CT	178	97	56.6	29.1	DE	48	31	9.1	5.1	ID	59	71	24.1	18.1
M.A	**2,143**	**2,854**	**2,285.7**	**2,184.7**	MD	177	193	50.7	91.1	WY	2	31	1.1	22.8
NY	823	1,273	1,374.2	1,482.8	DC	24	47	66.8	18.5	CO	224	653	45.9	1,316.2
NJ	521	512	372.6	346.6	VA	378	549	107.8	190.0	NM	80	217	12.9	27.9
PA	799	1,069	538.9	355.3	WV	136	241	67.5	39.1	AZ	91	505	24.2	118.5
E.N.C	**2,825**	**4,279**	**749.3**	**1,851.1**	NC	305	441	71.8	365.2	UT	155	147	85.2	69.2
OH	660	1,165	138.5	291.9	SC	41	98	15.5	22.3	NV	82	183	30.3	54.6
IN	219	405	57.1	134.0	GA	283	550	94.9	198.5					
IL	726	1,087	198.7	866.0	FL	550	914	153.1	272.7	**Pac**	**4,632**	**6,210**	**1,229.5**	**4,501.9**
MI	867	1,216	251.8	392.5	**E.S.C**	**1,134**	**1,736**	**265.9**	**602.0**	WA	820	1,146	151.3	266.2
WI	353	406	103.2	166.7	KY	223	367	54.8	210.7	OR	820	1,174	146.5	359.9
W.N.C	**1,209**	**1,831**	**488.0**	**550.8**	TN	603	814	129.0	226.8	CA	2,849	3,673	897.7	3,805.8
MN	343	430	249.8	174.4	AL	148	377	41.9	102.3	HI	89	146	23.5	58.3
IA	252	179	69.1	50.0	MS	160	178	40.2	62.2	AK	54	71	10.5	11.7

– Represents zero. [1] See headnote, and footnotes 2 and 3, table 877.

Source of tables 877 and 878: Dun & Bradstreet Corporation, New York, NY, *The Failure Record Through 1980*, and *Monthly Failure Report.*

No. 879. Industrial and Commercial Failures—Number and Liabilities, by Industry and Size of Liability: 1975 to 1982

[Excludes Alaska prior to 1978. See footnotes, table 877]

Industry and size of liability	Failures						Current liabilities (mil. dol.)					
	1975	1978	1979	1980	1981	1982	1975	1978	1979	1980	1981	1982
Total	**11,432**	**6,619**	**7,564**	**11,742**	**16,794**	**24,908**	**4,380**	**2,656**	**2,667**	**4,635**	**6,955**	**15,611**
Mining and manufacturing	1,645	1,013	1,165	1,599	2,223	3,683	1,021	879	970	1,885	2,369	5,510
Under $100,000	789	381	424	501	731	1,113	35	18	21	25	37	57
$100,000 and over	856	632	741	1,098	1,492	2,570	986	861	949	1,860	2,332	5,453
Wholesale trade	1,089	740	908	1,284	1,709	2,783	407	346	421	591	1,130	2,798
Under $100,000	611	313	342	468	590	845	28	15	17	24	31	42
$100,000 and over	478	427	566	816	1,119	1,938	379	331	404	567	1,099	2,755
Retail trade	4,799	2,889	3,183	4,910	6,882	9,730	1,836	777	637	994	1,559	4,479
Under $100,000	3,520	1,916	1,920	2,698	3,739	5,193	136	86	88	130	190	245
$100,000 and over	1,279	973	1,263	2,212	3,143	4,537	1,700	692	549	864	1,369	4,235
Construction	2,262	1,204	1,378	2,355	3,614	4,872	641	328	291	752	852	1,374
Under $100,000	1,433	650	718	1,147	1,840	2,334	58	28	33	56	88	108
$100,000 and over	829	554	660	1,208	1,774	2,538	583	300	258	696	764	1,266
Commercial service	1,637	773	930	1,594	2,366	3,840	475	326	348	413	1,046	1,450
Under $100,000	1,151	452	526	868	1,333	2,024	42	18	21	38	60	90
$100,000 and over	486	321	404	726	1,033	1,816	433	308	327	375	986	1,360

Source: Dun & Bradstreet Corporation, New York, NY, *The Failure Record Through 1980*, and *Monthly Failure Report*.

No. 880. Bankruptcy Estates Filed and Pending: 1905 to 1983

[**In thousands.** For years ending **June 30**, except **1905** ending **Sept. 30**. Covers all U.S. bankruptcy courts. Bankruptcy estates "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the bankruptcy court; "Pending" is a proceeding in which the administration has not been completed]

Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending
1905	17	28	1945	13	21	1966	192	169	1975	254	202
1910	18	28	1950	33	38	1967	208	185	1976	247	271
1915	28	44	1955	59	56	1968	198	184	1977	214	254
1920	14	30	1960	110	95	1969	185	179	1978	203	240
1925	46	60	1961	147	124	1970	194	191	1979	226	258
1930	63	61	1962	148	134	1971	201	201	1980	361	421
1935	69	65	1963	155	148	1972	183	197	1981	519	618
1940	53	55	1964	172	157	1973	173	189	1982	528	733
			1965	180	162	1974	190	201	1983	536	812

No. 881. Bankruptcy Estates Filed, by Type of Bankruptcy and Chapter of the Bankruptcy Act/Code: 1974 to 1983

[For years ending **June 30**]

Item		1974	1975	1976	1977	1978	1979	1980 [1]	1981	1982	1983
Total		**189,513**	**254,484**	**246,549**	**214,399**	**202,951**	**226,476**	[2] **360,957**	**519,063**	**527,811**	**535,597**
Business		20,746	30,130	35,201	32,189	30,528	29,500	46,071	66,333	77,725	95,572
Non-business		168,767	224,354	211,348	182,210	172,423	196,976	314,886	452,730	450,086	440,025
Voluntary		188,493	253,198	245,383	213,257	201,944	225,549	359,768	517,729	526,276	533,926
Involuntary		1,020	1,286	1,166	1,142	1,007	927	1,184	1,333	1,535	1,671
Act	Code										
Chapters I–VII	Chapter 7 [3]	157,971	209,330	209,067	181,194	168,771	183,259	275,850	381,995	367,144	361,537
Chapter IX	Chapter 9 [4]	2	–	2	1	2	1	–	1	4	7
Chapter X	(x)	163	189	141	96	75	63	17	3	2	2
Chapter XI	Chapter 11 [5]	2,171	3,506	3,235	3,046	3,266	3,042	5,441	8,781	16,216	25,211
Chapter XII	(x)	172	280	525	640	650	669	212	1	1	–
Chapter XIII	Chapter 13 [6]	29,019	41,178	33,579	29,422	30,185	39,442	79,432	128,281	144,444	148,839
Section 77 [7]	(x)	15	1	–	–	2	–	–	–	–	–
(x)	Section 304 [8]	(x)	(x)	(x)	(x)	(x)	(x)	5	1	–	1

– Represents zero. X Not applicable. [1] For the first three months of 1980 the judiciary operated under the Bankruptcy Act and for the last nine months under both the Bankruptcy Act and the new bankruptcy code established by the Bankruptcy Reform Act of 1978. [2] Includes five Section 304 cases filed under the Reform Act in 1980 and 1 in 1981 which are not included in the subcategories of voluntary/involuntary. [3] Chapter 7, liquidation of non-exempt assets of businesses or individuals. [4] Chapter 9, adjustment of debts of a municipality. [5] Chapter 11, individual or business reorganization. [6] Chapter 13, adjustment of debts of an individual with regular income. [7] Section 77, railroad reorganization, no longer applies. Subchapter IV of Chapter 11 now provides for railroad reorganization. [8] 11 U.S.C., Section 304, cases ancillary to foreign proceedings.

Source of tables 880 and 881: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 882. Gross Domestic Product (GDP) of Corporate Business: 1970 to 1983

[**In billions of dollars.** For explanation of GDP, see text, p. 427. Excludes gross product originating in the rest of the world. Minus sign (–) indicates negative value. See *Historical Statistics, Colonial Times to 1970*, series V 141–166, for single-year figures prior to revisions issued in 1981]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Gross domestic product (GDP)	**597**	**938**	**1,054**	**1,193**	**1,355**	**1,505**	**1,638**	**1,840**	**1,882**	**2,037**
Net domestic product	543	838	944	1,071	1,217	1,348	1,459	1,637	1,660	1,806
Indirect business tax [1]	66	102	110	118	128	137	156	186	189	206
Domestic income	477	736	834	953	1,089	1,211	1,303	1,451	1,471	1,600
Compensation of employees	401	617	694	783	895	1,015	1,112	1,228	1,281	1,357
Corporate profits with IVA and CCAdj [2]	65	98	124	152	173	164	146	166	137	200
Profits before tax	69	119	152	180	209	222	205	197	143	178
Profits tax liability	34	51	64	73	83	88	85	81	61	76
Profits after tax	35	68	88	107	126	134	120	116	82	103
Dividends	19	25	29	30	36	38	40	52	57	63
Undistributed profits	16	44	59	76	90	97	80	64	26	40
IVA [2]	–7	–12	–15	–16	–24	–43	–43	–24	–9	–11
CCAdj [2]	3	–10	–14	–11	–13	–15	–16	–8	3	33
Net interest	11	21	16	18	22	32	46	57	53	42
Capital consumption allowances [3]	54	99	110	121	138	158	179	203	222	231
GDP of nonfinancial corporate business	**564**	**890**	**1,001**	**1,128**	**1,276**	**1,417**	**1,541**	**1,739**	**1,778**	**1,918**
Net domestic product	511	795	897	1,013	1,145	1,267	1,371	1,547	1,569	1,700
Indirect business tax [1]	63	97	105	113	122	131	148	178	180	197
Domestic income	448	698	791	900	1,023	1,137	1,223	1,369	1,388	1,503
Compensation of employees	378	581	654	739	844	958	1,046	1,155	1,198	1,263
Corporate profits with IVA and CCAdj [2]	53	86	107	129	142	135	120	147	118	171
Profits before tax	57	107	135	156	178	192	178	177	123	149
Profits after tax	30	66	82	97	112	123	111	113	79	91
IVA [2]	–7	–12	–15	–16	–24	–43	–43	–24	–9	–11
CCAdj [2]	2	–10	–13	–11	–12	–14	–15	–6	4	33
Net interest	17	31	30	32	37	44	56	67	72	69
Capital consumption allowances [3]	52	95	105	116	131	150	170	192	210	218
CONSTANT (1972) DOLLARS										
GDP of nonfinancial corporate business	**600**	**694**	**746**	**796**	**846**	**876**	**860**	**883**	**857**	**896**
Net domestic product	543	622	671	718	765	790	770	790	761	796
Indirect business tax [1]	67	79	83	87	91	93	93	96	95	98
Domestic income	475	543	588	631	674	698	677	694	666	699

[1] Plus business transfer payments less subsidies. [2] Inventory valuation and capital consumption adjustments. [3] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 883. Rates of Return on Current-Dollar Net Reproducible Tangible Nonfinancial Corporate Capital Stock Using Various Profit Measures: 1960 to 1983

[**In percent.** The profits concept emphasized in the national income and product account (NIPA) is profits from current production. The NIPA measure excludes capital gains and losses from income and resembles Pigou's concept in that NIPA profits are the excess of income over expenses beyond that necessary to maintain tangible capital intact. See A.C. Pigou, "Maintaining Capital Intact," *Economica* (August 1941): 271–75. See source, pp. 30–42 for details]

YEAR	NIPA profits	NIPA profits plus net interest	After-tax NIPA profits	After-tax NIPA profits plus net interest	Reported profits [1]	Reported profits plus net interest	After-tax reported profits	After-tax reported profits plus net interest
1960	10.2	11.1	4.9	5.9	10.8	11.8	5.5	6.5
1965	14.8	16.1	8.8	10.2	14.2	15.6	8.1	9.6
1970	7.1	9.5	3.5	5.8	7.7	10.0	3.8	6.3
1971	7.8	10.1	4.1	6.3	8.2	10.5	4.2	6.7
1972	8.5	10.7	4.6	6.8	8.9	11.1	4.9	7.2
1973	8.2	10.6	4.0	6.4	10.0	12.4	5.5	8.2
1974	5.5	8.1	1.9	4.4	9.1	11.7	5.2	8.1
1975	6.5	8.8	3.4	5.7	8.1	10.4	4.6	7.3
1976	7.5	9.6	3.8	5.9	9.4	11.5	5.4	7.8
1977	8.2	10.2	4.4	6.4	9.9	11.9	6.1	8.1
1978	8.0	10.0	4.2	6.3	10.0	12.1	6.3	8.3
1979	6.6	8.8	3.2	5.4	9.4	11.6	6.0	8.2
1980	5.2	7.6	2.3	4.7	7.7	10.1	4.8	7.2
1981	5.7	8.4	3.3	5.9	6.9	9.5	4.4	7.0
1982	4.3	7.0	2.7	5.4	4.5	7.2	2.9	5.6
1983	6.1	8.6	4.0	6.5	5.3	7.8	3.2	5.7

[1] Represents profits before tax which is equal to NIPA profits less the inventory valuation and capital consumption adjustments, closest to profits as measured on corporation's own books.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1982 and unpublished data.

No. 884. Nonfinancial Corporate Business-Sector Balance Sheet: 1960 to 1983

[**In billions of dollars.** Represents year-end outstandings]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total assets	**631**	**825**	**1,241**	**2,090**	**2,274**	**2,532**	**2,874**	**3,335**	**3,778**	**4,162**	**4,300**	**4,517**
Tangible assets [1]	449	567	872	1,533	1,663	1,860	2,110	2,443	2,780	3,100	3,220	3,313
Reproducible	368	469	758	1,361	1,476	1,646	1,859	2,138	2,403	2,641	2,718	2,775
Land	81	97	113	172	187	214	251	305	377	458	502	538
Financial assets	182	259	370	558	612	672	764	892	999	1,063	1,081	1,204
Liquid assets	51	63	69	125	140	143	153	172	189	205	225	263
Demand deposits and currency	28	33	44	54	56	59	63	69	79	79	79	83
Time deposits	3	9	5	22	24	29	31	36	40	55	60	72
Consumer credit	11	15	17	23	25	26	28	29	30	32	32	36
Trade credit	81	119	189	249	268	304	360	432	481	504	489	546
Miscellaneous assets	38	62	94	160	179	198	223	258	299	322	334	359
Total liabilities	**239**	**349**	**542**	**771**	**835**	**930**	**1,072**	**1,236**	**1,365**	**1,506**	**1,567**	**1,685**
Credit market instruments	154	222	355	548	591	663	741	836	912	1,011	1,086	1,143
Profit taxes payable	14	20	11	14	22	20	25	27	25	19	2	5
Trade debt	64	98	162	180	191	213	264	318	359	387	377	426
Foreign direct investment in U.S	7	9	13	28	31	35	42	54	68	90	102	111
Net worth	**392**	**477**	**699**	**1,319**	**1,440**	**1,601**	**1,802**	**2,098**	**2,414**	**2,656**	**2,733**	**2,832**

Z Less than $500 million. [1] Values at current cost.

Source: Board of Governors of the Federal Reserve System, *Balance Sheets for U.S. Economy.*

No. 885. Working Capital of Nonfinancial Corporations: 1973 to 1983

[**In billions of dollars, except ratios.** As of **December 31.** Covers all nonfinancial U.S. corporations]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Current assets	**697.8**	**734.6**	**756.3**	**823.1**	**900.9**	**1,028.1**	**1,200.9**	**1,281.6**	**1,374.5**	**1,425.4**	**1,561.2**
Cash on hand and in banks [1]	66.3	73.0	80.0	86.8	94.3	103.7	116.1	121.0	126.6	144.1	164.9
U.S. Government securities	12.8	11.3	19.6	26.0	18.7	17.8	15.6	17.3	19.2	22.4	30.2
Receivables, total [2]	288.5	265.5	272.1	292.4	325.0	381.9	456.8	491.2	528.0	511.0	578.9
Inventories	263.9	318.9	314.7	341.4	375.6	428.3	501.7	525.4	560.2	575.2	591.9
Other current assets	66.4	65.9	69.9	76.4	87.3	96.3	110.7	126.7	140.5	172.7	195.3
Current liabilities	**450.9**	**451.8**	**446.9**	**487.5**	**546.8**	**661.9**	**809.1**	**877.2**	**923.2**	**977.8**	**1,056.7**
Payables	340.3	272.3	261.2	273.2	313.7	375.1	456.3	498.3	520.4	552.8	598.8
Other current liabilities	110.7	179.5	185.7	214.2	233.1	286.8	352.8	378.9	402.9	425.0	457.9
Net working capital	**246.9**	**282.8**	**309.5**	**335.6**	**354.1**	**366.2**	**391.8**	**404.4**	**451.3**	**447.6**	**504.6**
Liquidity ratio [3]	.323	.332	.379	.368	.366	.329	.300	.302	.310	.347	.369
Current ratio [4]	1.548	1.626	1.693	1.688	1.648	1.553	1.484	1.461	1.489	1.458	1.477

[1] Includes time certificates of deposits. [2] Includes U.S. Government receivables. [3] Cash plus U.S. Government securities plus "other current assets," divided by "current liabilities." [4] "Current assets" divided by "current liabilities."

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census. Published quarterly in Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin.*

No. 886. Largest Manufacturing Corporations—Percent Share of Assets Held: 1960 to 1983

[Prior to 1970, excludes newspapers. Data prior to 1974 not strictly comparable with later years]

CORPORATION RANK GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
100 largest	46.4	46.5	48.5	44.7	44.4	45.0	45.4	45.9	45.5	46.1	46.7	46.8	47.7	48.3
200 largest	56.3	56.7	60.4	56.9	56.7	57.5	58.0	58.5	58.3	59.0	59.7	60.0	60.8	60.8

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, unpublished data.

No. 887. Largest Manufacturing Companies—Percent Share of Total Value Added by Manufacture: 1947 to 1977

["Largest companies" are those which were largest in each of the specified years in terms of value added. For details, see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series P 177–180]

COMPANY RANK	1947 Census	1954 Census	1958 Census	1962 ASM	1963 Census	1966 ASM	1967 Census	1970 ASM	1972 Census	1976 ASM	1977 Census
Largest 50 companies	17	23	23	24	25	25	25	24	25	24	24
Largest 100 companies	23	30	30	32	33	33	33	33	33	34	33
Largest 150 companies	27	34	35	36	37	38	38	38	39	40	39
Largest 200 companies	30	37	38	40	41	42	42	43	43	44	44

Source: U.S. Bureau of the Census, *Census of Manufactures* and *Annual Survey of Manufactures (ASM).*

No. 888. Active Corporation Income Tax Returns—Selected Items: 1970 to 1981

[**In billions of dollars, except number of returns.** Federal returns and active corporations only. See headnote, table 517. See also *Historical Statistics, Colonial Times to 1970*, series V 129-136]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981
Number of returns (1,000)	1,665	1,966	2,024	2,082	2,242	2,377	2,557	2,711	2,812
Returns with—									
Assets, end of year (1,000)	1,619	1,903	1,952	2,017	2,185	2,306	2,487	2,632	2,698
Net income (1,000)	1,008	1,207	1,226	1,274	1,425	1,524	1,586	1,597	1,597
Income tax less credits [1] (1,000)	735	803	733	749	776	854	962	989	999
Total receipts [2]	1,751	3,090	3,199	3,635	4,128	4,715	5,599	6,361	7,026
Business receipts	1,621	2,855	2,962	3,370	3,814	4,354	5,136	5,732	6,245
Interest [3]	72	143	143	156	177	221	289	367	493
Total deductions [2]	1,683	2,942	3,053	3,449	3,909	4,467	5,316	6,125	6,814
Cost of sales and operations	1,146	2,068	2,130	2,417	2,725	3,113	3,710	4,205	4,509
Interest paid	62	133	129	135	153	192	261	345	477
Receipts less deductions	68	148	146	187	220	247	283	236	213
Net income less deficit	66	146	143	185	219	247	285	239	214
Income tax [4]	33	66	66	83	96	108	120	105	102
Income tax less credits [1]	28	41	40	50	57	64	66	63	58
Distributions to stockholders [5]	32	49	45	55	62	70	87	97	120

[1] Credits include foreign tax, investment, work incentive (WIN) (beginning 1974), U.S. possessions tax (beginning 1976), jobs (beginning 1977), nonconventional source fuel, and alcohol fuel credits (beginning 1980) and research credit (beginning 1981). [2] Includes items not shown separately. [3] Includes interest on Government obligations and other interest. [4] Income tax is before deductions for credit; see footnote 1. Includes tax from recomputing prior-year investment credit; 1970, includes tax surcharge. Includes additional tax for tax preferences; beginning 1974, includes tax from recomputing prior-year work incentive (WIN) credit and beginning 1981, includes personal holding company tax. [5] Other than own stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 889. Active Corporations—Income Tax Returns, by Asset Size: 1970 to 1981

[Figures are estimates based on samples of active corporations filing income tax returns; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series V 42, for total active corporations]

ASSET SIZE-CLASS	NUMBER OF RETURNS (1,000)						TOTAL ASSETS (bil. dol.)					
	1970	1975	1976	1979	1980	1981	1970	1975	1976	1979	1980	1981
Total	**1,665.5**	**2,023.6**	**2,376.8**	**2,556.8**	**2,710.5**	**2,812.4**	**2,635**	**4,287**	**6,014**	**6,835**	**7,617**	**8,547**
Under $100,000 [1]	961.0	1,882.3	1,320.9	1,403.3	1,514.6	1,570.0	32	255	43	46	49	50
$100,000–$1 mil	599.1		862.2	940.3	968.9	1,004.0	178		274	301	311	322
$1 mil.–$10 mil	87.0	116.4	162.3	180.5	191.8	201.1	240	310	425	488	501	526
$10 mil.–$25 mil	9.8	12.2	15.2	15.3	16.6	17.5	153	193	241	241	262	275
$25 mil.–$50 mil	3.9	5.6	6.9	7.3	7.8	8.4	135	195	242	258	277	296
$50 mil.–$100 mil	2.1	3.1	4.1	4.4	4.8	5.2	145	213	288	311	344	372
$100 mil.–$250 mil	1.4	2.1	2.7	3.0	3.2	3.4	222	331	423	462	514	540
$250 mil. and over	1.2	1.9	2.5	2.7	2.9	3.1	1,530	2,790	4,078	4,748	5,358	6,165

[1] Includes returns with zero assets.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 890. Active Corporations—Assets and Liabilities: 1970 to 1981

[**In billions of dollars.** See headnote, table 517. For number of income tax returns, see table 888. See also *Historical Statistics, Colonial Times to 1970*, series V 108-127]

ASSETS AND LIABILITIES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Assets [1]	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**	**5,326**	**6,014**	**6,835**	**7,617**	**8,547**
Cash	177	196	228	259	281	290	315	362	413	462	529	533
Notes and accounts receivable [2]	595	650	762	891	998	1,021	1,137	1,304	1,551	1,771	1,935	2,195
Inventories	190	199	224	263	312	318	351	396	443	503	535	588
Mortgage and real estate loans	328	366	418	463	508	548	599	661	762	841	894	934
Capital assets [3]	600	634	685	750	831	892	969	1,076	1,196	1,348	1,512	1,694
Liabilities [1]	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**	**5,326**	**6,014**	**6,835**	**7,617**	**8,547**
Notes and accounts payable [4]	320	334	386	461	539	536	579	666	784	933	1,047	1,206
Other current liabilities	892	1,005	1,163	1,316	1,459	1,577	1,791	2,063	2,336	2,583	2,707	2,860
Bonded debt and mortgages [5]	363	403	445	493	542	587	638	694	781	885	987	1,056
Surplus and undivided profits [6] (net)	551	599	666	730	776	843	938	1,064	1,185	1,364	1,527	1,711

[1] Includes assets, or liabilities, not shown separately. [2] Less allowance for bad debts. Includes loans and discounts of banks, except mortgage and real estate loans. [3] Less depreciation, amortization, and depletion reserves. Includes land and intangible assets. [4] Includes bonds, notes, and mortgages payable with maturity of less than 1 year. [5] With maturity of 1 year or more. [6] Surplus and undivided profits are reduced by cost of treasury stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 891. Active Corporations—Income Tax Returns, by Asset Size-Class, 1980 and 1981, and by Industry, 1981

[In billions of dollars, except as indicated. Detail may not add to total because of rounding and the exclusion of data to prevent disclosure of individual taxpayer's identity. See headnote and footnotes, table 517. See also *Historical Statistics, Colonial Times to 1970,* series V 167-183 and V 193-196]

Industry and item	Total	Asset size-class					
		Under 10 mil. dol.	10-24.9 mil. dol.	25-49.9 mil. dol.	50-99.9 mil. dol.	100-249.9 mil. dol.	250 mil. dol. and over
1980							
Number of returns (1,000)	2,711	2,675	17	8	5	3	3
Returns with—							
Assets, end of year (1,000)	2,632	2,597	17	8	5	3	3
New income (1,000)	1,597	1,571	13	6	3	2	2
Income tax less credits [1] (1,000)	989	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total receipts [2]	6,361.3	1,990.5	307.4	214.5	246.4	371.0	3,229.5
Business receipts	5,731.6	1,911.5	287.6	192.7	218.9	329.8	2,789.0
Interest [3]	366.9	30.5	11.1	15.4	19.6	29.0	261.4
Total deductions [2]	6,125.4	1,953.0	296.8	205.4	236.0	355.5	3,076.8
Cost of sales and operations	4,204.9	1,364.4	223.4	146.3	167.3	248.7	2,053.5
Interest paid	344.6	49.7	11.1	12.9	16.9	24.7	229.2
Receipts less deductions	235.9	37.5	10.6	9.1	10.4	15.5	152.7
Net income less deficit	239.0	37.2	10.3	8.4	9.8	14.8	158.4
Income tax [4]	105.1	17.3	4.8	3.8	4.1	6.4	68.8
Income tax less credits [1]	83.0	14.4	4.1	3.1	3.2	4.7	33.4
Distributions to stockholders [5]	97.4	8.9	2.3	2.4	3.3	5.7	74.8
1981							
Number of returns (1,000)	2,812	2,775	17	8	5	3	3
Returns with—							
Assets, end of year (1,000)	2,698	2,661	17	8	5	3	3
Net income (1,000)	1,597	1,573	12	5	3	2	2
Income tax less credits [1] (1,000)	999	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total receipts [2]	7,026.4	2,152.6	326.6	235.4	254.2	381.5	3,675.1
Business receipts	6,244.7	2,051.6	303.7	208.8	220.7	332.5	3,126.5
Interest [3]	493.4	46.8	13.2	18.9	25.1	35.5	353.9
Total deductions [2]	6,813.8	2,121.7	316.7	227.2	245.5	370.1	3,531.7
Cost of sales and operations	4,509.2	1,454.9	231.8	157.0	165.3	239.1	2,260.4
Interest paid	477.0	68.6	13.8	16.8	22.4	32.1	323.2
Receipts less deductions	212.5	31.0	9.9	8.2	8.7	11.4	143.4
Net income less deficit	213.6	30.8	9.5	7.5	7.9	10.7	147.3
Income tax [4]	102.3	17.8	5.1	3.8	4.2	5.9	65.4
Income tax less credits [1]	58.4	14.1	4.3	3.0	3.2	4.3	29.5
Distributions to stockholders [5]	120.3	12.0	2.7	3.3	3.8	6.8	91.7
Percent distribution:							
Number of returns	100.0	98.7	.6	.3	.2	.1	.1
Total assets or liabilities	100.0	10.5	3.2	3.5	4.4	6.3	72.1
Total receipts	100.0	30.6	4.7	3.4	3.6	5.4	52.3
Total deductions	100.0	31.1	4.7	3.3	3.6	5.4	51.8
Net income less deficit [4]	100.0	14.4	4.5	3.5	3.7	5.0	68.9
Income tax [5]	100.0	17.5	5.0	3.7	4.1	5.7	64.0
Agriculture, forestry, and fishing:							
Number of returns	85,370	85,082	203	54	21	5	6
Total assets or liabilities	46.1	36.4	2.9	1.8	1.4	.8	2.8
Total receipts	65.1	49.3	4.1	2.6	2.3	1.1	5.7
Mining:							
Number of returns	33,363	18,846	579	233	123	70	80
Total assets or liabilities	168.9	20.3	9.2	8.2	8.9	11.4	110.5
Total receipts	200.2	24.1	6.7	6.2	5.2	8.5	148.8
Construction:							
Number of returns	276,395	275,048	932	242	99	49	25
Total assets or liabilities	150.8	88.0	13.7	8.3	7.7	6.9	26.1
Total receipts	280.2	204.8	20.6	10.9	8.7	8.2	26.9
Manufacturing:							
Number of returns	251,294	244,366	3,662	1,277	753	541	672
Total assets or liabilities	1,933.7	155.9	56.7	44.2	55.5	90.9	1,530.5
Total receipts	2,613.5	384.2	102.7	73.1	82.1	133.4	1,837.2
Transportation and public utilities:							
Number of returns	109,127	107,790	599	234	122	103	278
Total assets or liabilities	837.3	34.9	9.2	8.5	8.8	16.6	759.3
Total receipts	598.5	71.0	11.8	10.5	11.3	17.1	476.7
Wholesale and retail trade:							
Number of returns	816,836	811,916	3,072	888	464	280	215
Total assets or liabilities	708.1	297.4	46.4	30.9	34.5	51.5	247.5
Total receipts	2,039.6	1,057.4	137.4	66.0	93.1	126.2	535.5
Finance, insurance, real estate:							
Number of returns	469,795	196,953	7,468	5,140	3,492	2,260	1,811
Total assets or liabilities	4,486.2	149.5	122.5	183.1	243.9	345.4	3,434.1
Total receipts	877.8	56.6	24.5	31.2	37.5	69.5	612.4
Services:							
Number of returns	752,813	751,232	956	318	153	101	54
Total assets or liabilities	213.7	105.8	14.5	11.2	11.2	16.6	54.4
Total receipts	346.8	251.9	18.6	12.9	14.0	15.5	33.9

NA Not available. [1] Credits include foreign tax, investment, work incentive, U.S. possessions tax, job, nonconventional source fuel, alcohol fuel, and, beginning 1981, research credits. [2] Includes items not shown separately. [3] Includes interest on Government obligations and other interest. [4] Income tax is before deductions for foreign tax, U.S. possessions tax, investment, work incentive (WIN) jobs, nonconventional source fuel, alcohol fuel credits and, beginning 1981, research credits. [5] Other than own stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.

No. 892. Fixed Nonresidential Private Capital Valued in Current and Constant (1972) Dollars: 1970 to 1983

[**In billions of dollars.** Stocks as of **Dec. 31**; depreciation over entire calendar year. Data refer to privately owned assets and are based on the fixed capital formation components of the gross national product. Excludes residential capital and government enterprises; includes nonprofit institutions. Gross stocks allow for retirement; net stocks allow for retirement and depreciation. Estimates are based on straight-line depreciation and 85 percent of service lives given in *Bulletin F*, Internal Revenue Service. For single-year figures prior to revisions issued in 1981 and data in constant (1958) dollars, see *Historical Statistics of the United States, Colonial Times to 1970*, series F 480–527]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	CURRENT DOLLARS										
All industries: [1]											
Gross stocks	1,363.6	2,262.1	2,470.6	2,670.8	3,003.9	3,414.8	3,920.1	4,467.4	4,964.5	5,296.2	5,521.1
Equipment	645.1	1,010.8	1,157.3	1,277.7	1,433.6	1,626.1	1,858.5	2,130.0	2,398.7	2,569.1	2,702.7
Structures	718.6	1,251.3	1,313.3	1,393.0	1,570.3	1,788.6	2,061.7	2,337.5	2,565.8	2,727.0	2,818.4
Net stocks	807.3	1,334.7	1,440.8	1,542.8	1,726.8	1,960.3	2,248.2	2,550.4	2,822.4	2,986.8	3,085.3
Equipment	368.9	576.0	651.4	712.5	797.6	907.3	1,038.8	1,182.9	1,322.9	1,395.5	1,451.4
Structures	438.4	758.7	789.4	830.3	929.3	1,053.0	1,209.4	1,367.6	1,499.5	1,591.3	1,633.9
Depreciation	69.8	106.9	126.8	139.0	154.4	175.2	201.6	231.5	263.7	288.9	302.6
Equipment	47.5	70.2	84.8	94.7	106.0	119.7	137.0	156.9	179.2	196.8	207.8
Structures	22.2	36.7	42.0	44.4	48.3	55.5	64.6	74.6	84.5	92.1	94.8
Manufacturing:											
Gross stocks	343.6	529.2	577.3	623.0	703.1	797.5	922.4	1,053.1	1,161.6	1,232.5	1,269.6
Equipment	198.1	299.4	348.3	386.0	438.7	496.5	577.6	668.5	757.1	806.6	836.1
Structures	145.5	229.7	229.1	237.0	264.4	301.0	344.8	384.6	404.5	425.9	433.4
Net stocks	191.2	292.7	319.3	343.9	387.3	438.2	508.8	579.7	636.4	665.0	672.4
Equipment	112.3	170.4	198.2	219.0	248.8	281.0	326.1	377.7	423.5	440.9	446.3
Structures	78.9	122.3	121.2	124.8	138.5	157.2	180.7	202.1	212.8	224.2	226.0
Depreciation	18.9	26.5	31.6	34.5	38.5	43.2	50.1	58.0	65.7	71.4	74.7
Equipment	14.0	19.0	23.3	26.1	29.5	33.2	38.5	44.6	51.4	56.5	59.2
Structures	4.9	7.5	8.3	8.4	8.9	10.1	11.7	13.3	14.3	14.9	15.5
Nonfarm nonmfg:											
Gross stocks	927.2	1,581.5	1,728.6	1,866.0	2,094.2	2,375.8	2,721.5	3,101.5	3,464.3	3,710.1	3,888.3
Equipment	394.9	629.9	716.4	787.1	877.4	992.5	1,126.4	1,286.0	1,448.2	1,561.4	1,659.8
Structures	532.3	951.7	1,012.2	1,078.9	1,216.8	1,383.3	1,595.1	1,815.5	2,016.1	2,148.7	2,228.5
Net stocks	563.1	954.8	1,026.4	1,093.9	1,219.9	1,382.0	1,579.3	1,791.7	1,995.5	2,127.5	2,217.9
Equipment	228.3	360.3	401.5	434.9	483.1	549.7	624.6	709.2	795.9	850.6	901.3
Structures	334.7	594.5	624.9	658.9	736.8	832.3	954.7	1,082.5	1,199.6	1,276.9	1,316.6
Depreciation	45.7	72.8	86.2	94.6	104.7	119.2	136.7	156.7	179.3	197.5	207.5
Equipment	29.4	45.4	54.5	60.6	67.5	76.3	86.9	98.9	112.9	124.4	132.3
Structures	16.2	27.4	31.7	34.0	37.2	42.9	49.8	57.7	66.5	73.2	75.2
	CONSTANT (1972) DOLLARS										
All industries: [1]											
Gross stocks	1,452.6	1,714.7	1,766.9	1,821.9	1,888.0	1,969.8	2,056.8	2,137.1	2,222.1	2,293.1	2,364.2
Equipment	665.1	819.2	850.7	885.4	929.4	985.8	1,045.1	1,096.6	1,149.0	1,186.8	1,233.4
Structures	787.5	895.5	916.1	936.5	958.6	984.0	1,011.7	1,040.6	1,073.1	1,104.3	1,130.8
Net stocks	860.1	1,012.4	1,033.7	1,056.9	1,089.5	1,135.3	1,184.6	1,226.1	1,270.5	1,300.4	1,329.4
Equipment	379.7	467.8	480.4	495.7	519.2	553.2	588.7	615.4	642.3	656.2	674.3
Structures	480.3	544.6	553.3	561.2	570.3	582.1	595.9	610.8	628.3	644.2	655.1
Depreciation	76.2	92.1	96.1	99.6	103.8	109.2	115.3	121.3	126.9	132.4	137.5
Equipment	50.8	63.4	66.6	69.4	73.0	77.5	82.8	87.8	92.4	96.7	100.8
Structures	25.4	28.7	29.5	30.1	30.8	31.6	32.5	33.5	34.6	35.7	36.7
Manufacturing:											
Gross stocks	363.6	407.7	420.1	433.6	450.8	469.8	494.7	516.6	537.6	551.3	561.2
Equipment	204.4	241.5	253.0	265.4	281.0	297.8	319.7	338.9	356.9	367.8	377.4
Structures	159.1	166.2	167.1	168.2	169.7	172.0	175.0	177.7	180.7	183.6	183.8
Net stocks	202.2	225.9	232.7	239.7	249.2	259.5	275.1	287.0	297.2	300.3	300.1
Equipment	115.8	137.4	144.3	151.1	160.3	169.7	183.3	193.6	202.1	203.7	204.3
Structures	86.3	88.5	88.4	88.6	88.9	89.9	91.7	93.4	95.1	96.6	95.9
Depreciation	20.4	23.0	24.0	25.0	26.2	27.6	29.4	31.3	33.0	34.5	35.6
Equipment	14.8	17.1	18.0	19.0	20.1	21.5	23.1	25.0	26.6	28.0	29.0
Structures	5.6	5.9	6.0	6.0	6.1	6.1	6.2	6.3	6.5	6.6	6.6
Nonfarm nonmfg:											
Gross stocks	988.7	1,193.3	1,228.5	1,265.1	1,309.0	1,365.9	1,422.7	1,478.0	1,539.9	1,597.4	1,659.0
Equipment	405.0	514.6	532.0	551.6	577.3	613.6	647.8	679.7	712.5	742.3	778.4
Structures	583.7	678.7	696.5	713.5	731.7	752.4	774.9	799.4	827.4	855.0	880.6
Net stocks	800.7	721.1	732.6	745.8	765.8	797.8	828.6	857.4	891.6	920.3	951.4
Equipment	233.8	295.3	299.4	306.2	319.1	341.8	361.9	378.4	397.3	411.6	430.9
Structures	366.9	425.7	433.2	439.6	446.7	456.0	466.6	479.0	494.3	508.7	520.5
Depreciation	50.1	62.7	65.4	67.7	70.4	74.0	78.1	81.9	85.7	89.7	93.9
Equipment	31.5	41.3	43.3	45.0	47.1	50.1	53.4	56.4	59.3	62.4	65.6
Structures	18.5	21.5	22.1	22.7	23.3	23.9	24.6	25.4	26.4	27.4	28.3

[1] Includes farm, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79, Survey of Current Business*, February 1981, October 1982, August 1983, and unpublished data.

No. 893. Fixed Nonresidential Business Capital—Average Age of Gross Stocks, Constant (1972) Cost Valuation: 1970 to 1983

[**Age in years.** As of **Dec. 31.** See headnote, table 892, and *Historical Statistics, Colonial Times to 1970*, series F 516–527]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All industries: Gross stocks	10.3	10.0	10.1	10.1	10.1	10.1	10.0	10.0	10.0	10.0	10.1
Equipment	6.5	6.3	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.4
Structures	13.5	13.4	13.5	13.7	13.8	13.9	14.0	14.0	14.1	14.1	14.3
Manufacturing: Gross stocks	9.8	9.7	9.6	9.5	9.5	9.4	9.2	9.1	9.0	9.1	9.2
Equipment	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.4	6.6	6.7
Structures	14.0	14.2	14.2	14.3	14.3	14.3	14.2	14.2	14.1	14.1	14.2
Nonfarm nonmfg.: Gross stocks	10.4	10.1	10.2	10.3	10.4	10.3	10.3	10.3	10.3	10.3	10.4
Equipment	6.4	6.1	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.1
Structures	13.2	13.1	13.2	13.4	13.6	13.7	13.8	13.9	13.9	14.0	14.1
Farm: Gross stocks	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.4	10.6	11.0	11.4
Equipment	6.7	6.5	6.4	6.4	6.4	6.3	6.3	6.5	6.7	7.0	7.2
Structures	15.2	15.4	15.3	15.3	15.2	15.1	15.2	15.3	15.5	15.8	16.2

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79*, and *Survey of Current Business*, August 1984.

No. 894. Gross Private Domestic Investment: 1960 to 1983

[**In billions of dollars**]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS												
Gross private domestic investment	75.9	113.5	144.2	206.1	257.9	324.1	386.6	423.0	401.9	484.2	414.9	471.6
Fixed investment	72.9	103.7	141.0	213.0	246.0	301.0	360.1	408.8	411.7	458.1	441.0	485.1
Nonresidential	48.5	72.7	103.9	157.7	174.1	205.2	248.9	290.2	308.8	353.9	349.6	352.9
Structures	18.8	27.0	36.7	55.4	58.8	64.4	78.7	98.3	110.9	135.3	142.1	129.7
Producers' durable equipment	29.7	45.8	65.2	102.3	115.3	140.8	170.2	191.9	197.9	218.6	207.5	223.2
Residential	24.5	30.9	37.1	55.3	72.0	95.8	111.2	118.6	102.9	104.3	91.4	132.2
Less: Capital consumption allowances [1]	46.3	56.0	88.1	159.3	175.0	195.2	222.5	256.0	293.2	330.3	358.8	377.1
Equals: Net private domestic investment	29.6	57.5	56.2	46.8	82.8	128.9	164.1	167.0	108.7	153.9	56.0	94.5
CONSTANT (1972) DOLLARS												
Gross private domestic investment	104.7	151.9	158.5	154.8	184.5	214.2	236.7	236.3	208.5	230.9	194.3	221.0
Fixed investment	101.2	140.1	154.8	161.5	176.7	200.9	220.7	229.1	212.9	219.6	204.7	224.6
Nonresidential	66.9	97.4	113.8	119.3	125.6	140.3	158.3	169.9	165.8	175.0	166.9	171.0
Structures	29.5	40.6	43.9	38.3	39.5	40.4	44.6	49.1	48.8	53.2	53.3	49.2
Producers' durable equipment	37.4	56.8	69.9	81.1	86.1	99.9	113.7	120.8	117.0	121.8	113.5	121.8
Residential	34.2	42.7	41.0	42.2	51.2	60.7	62.4	59.1	47.1	44.5	37.9	53.7
Less: Capital consumption allowances [1]	63.3	74.8	96.1	120.8	125.1	129.9	135.8	143.0	149.8	156.3	161.9	168.1
Equals: Net private domestic investment	41.4	77.2	62.4	34.0	59.4	84.3	100.9	93.3	58.7	74.5	32.4	52.9

[1] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 895. Capital Stock Per Hour Worked: 1970 to 1982

[**In 1972 dollars.** Represents the "capital/labor ratio"]

1972 industry code	INDUSTRY	1970	1980	1981	1982	1972 industry code	INDUSTRY	1970	1980	1981	1982
49	Public utilities	115.45	161.04	162.25	165.60	20	Food	10.90	14.32	15.08	15.82
29	Petroleum	66.95	95.46	90.00	96.70	34	Fabricated metals	8.22	11.68	12.31	13.98
10–14	Mining	74.85	59.40	56.12	59.56	22	Textiles	8.62	11.32	12.08	13.78
48	Communications	36.65	52.67	54.32	56.69	30	Rubber and plastics	9.41	11.65	11.77	12.86
33	Primary metals	28.52	38.28	40.05	51.22	24	Lumber and wood	6.60	10.27	11.35	12.82
21	Tobacco	23.93	37.42	38.52	41.99						
28	Chemicals	23.74	32.63	34.28	36.90	36	Electric machinery	7.42	10.65	11.40	11.96
						38	Instruments	7.74	9.06	9.61	10.38
41–47	Transportation	27.49	29.57	30.06	33.32	27	Printing and publishing	6.59	8.45	9.01	9.47
26	Paper	19.12	27.96	29.87	32.72						
32	Stone, clay, glass	15.05	20.00	21.68	24.51						
70–89	Services	23.59	23.71	23.68	23.65	50–59	Wholesale, retail trade	6.94	8.67	8.94	9.15
37	Trans. equip	12.37	17.43	18.05	20.86						
35	Nonelectric mach	11.02	14.32	15.38	17.92	25	Furniture and fixtures	4.93	6.45	6.65	7.32
60–64	Finance and insurance	8.13	15.11	16.10	17.28	31	Leather	2.72	4.27	4.44	5.05
						15–17	Construction	4.00	3.93	4.06	4.28
						23	Apparel	2.64	3.68	3.90	4.26

Source: The Conference Board, New York, NY, *Economic Road Maps*, monthly. (Copyright.)

No. 896. Business Expenditures for New Plant and Equipment: 1970 to 1983

[**In billions of dollars.** Excludes expenditures of agricultural business and current account outlays. Based on sample and subject to sampling variability: see text, p. 514. Beginning 1982, data based on reduced industry coverage; see June 1984 *Survey of Current Business*. These figures do not agree with the fixed nonresidential investment data mainly because those data exclude investments for equipment, and include investment by farmers and certain outlays to current account. Minus sign (—) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series V 306–332]

INDUSTRY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984 [1]
CURRENT DOLLARS										
Total	**105.6**	**157.7**	**198.1**	**231.2**	**270.5**	**295.6**	**321.5**	**282.7**	**269.2**	**309.0**
Manufacturing	37.0	54.9	69.2	79.7	98.7	115.8	126.8	119.7	111.5	128.8
Durable goods [2]	19.8	26.3	34.0	40.4	51.1	58.9	61.8	56.4	51.8	61.4
Primary metals	3.2	5.8	5.4	5.7	6.8	7.7	8.1	7.5	6.4	7.1
Electrical machinery [3]	3.5	3.1	4.7	5.7	7.3	9.6	10.3	10.6	10.9	13.5
Machinery [4]	3.8	5.0	6.6	7.2	10.5	11.6	13.2	12.9	12.4	13.9
Transportation equip.	4.6	5.9	9.1	12.0	15.3	18.2	18.4	15.2	13.0	16.5
Nondurable goods [2]	17.2	28.6	35.2	39.3	47.6	56.9	64.9	63.2	59.6	67.4
Food and beverage	3.3	4.0	5.1	6.0	6.6	7.4	8.2	7.7	8.6	7.1
Paper	1.7	3.0	3.6	4.0	5.5	6.8	6.7	6.0	6.2	7.2
Chemicals	3.4	7.6	8.1	8.5	10.8	12.6	13.6	13.3	13.3	15.1
Petroleum	5.2	9.6	12.7	13.9	16.2	20.7	26.6	26.7	23.5	25.9
Nonmanufacturing	68.6	102.8	128.9	151.5	171.8	179.8	194.7	163.0	157.7	180.2
CONSTANT (1972) DOLLARS [5]										
Total	**115.3**	**119.7**	**134.8**	**146.4**	**157.7**	**159.1**	**159.4**	**150.3**	**144.6**	**162.0**
Manufacturing	40.0	41.2	46.1	48.8	55.4	60.0	60.8	54.8	51.9	60.0
Durable goods	21.4	20.3	23.5	25.7	29.7	31.9	31.7	28.5	26.5	31.7
Nondurable goods	18.6	20.9	22.7	23.1	25.7	28.1	29.1	26.3	25.4	28.3
Nonmanufacturing	75.3	78.5	88.6	97.6	102.3	99.1	98.7	95.5	92.8	102.0

[1] Estimates based on expected capital expenditures as reported by business in late January and February 1984. [2] Includes industries not shown separately. [3] Includes equipment. [4] Excludes electrical. [5] Constant-dollar expenditures since 1977 have been reestimated using deflators that reflect revisions of the national income and product accounts released in July 1982.

No. 897. Business Expenditures for New Plant and Equipment: 1950 to 1984

[**In billions of dollars; except percent.** See headnote, table 896]

YEAR	Total	MANUFACTURING			NONMANUFACTURING					
		Total	Durable goods	Nondurable goods	Total	Mining	Transportation	Public utilities	Trade and services	Communication and other
1950	25.32	7.73	3.22	4.51	17.59	.84	2.38	3.42	8.37	2.58
1955	36.58	12.50	5.87	6.62	24.08	1.31	2.60	4.26	11.49	4.42
1956	44.76	16.33	8.19	8.15	28.43	1.64	3.07	4.78	13.64	5.30
1957	48.12	17.50	8.59	8.91	30.62	1.69	3.35	5.95	13.68	5.96
1958	42.17	12.98	6.21	6.77	29.19	1.43	2.34	5.74	14.11	5.58
1959	44.78	13.76	6.72	7.04	31.02	1.35	3.17	5.46	15.40	5.63
1960	48.63	16.36	8.28	8.08	32.28	1.29	3.19	5.40	16.15	6.25
1961	47.82	15.53	7.43	8.10	32.29	1.26	2.82	5.20	16.53	6.48
1962	51.28	16.03	7.81	8.22	35.25	1.41	3.26	5.12	18.27	7.19
1963	53.25	17.27	8.64	8.63	35.99	1.26	3.36	5.33	18.57	7.47
1964	61.66	21.23	10.98	10.25	40.43	1.33	4.46	5.80	20.38	8.46
1965	70.43	25.41	13.49	11.92	45.02	1.36	5.46	6.49	22.13	9.58
1966	82.22	31.37	17.23	14.15	50.84	1.42	6.43	7.82	24.69	10.49
1967	83.42	32.25	17.83	14.42	51.18	1.38	6.34	9.33	23.02	11.11
1968	88.45	32.34	17.93	14.40	56.11	1.44	6.79	10.52	25.31	12.06
1969	99.52	36.27	19.97	16.31	63.25	1.77	7.04	11.70	28.31	14.43
1970	105.61	36.99	19.80	17.19	68.62	2.02	6.95	13.03	29.77	16.85
1971	108.53	33.60	16.78	16.82	74.93	2.67	5.93	14.70	34.20	17.43
1972	120.25	35.42	18.22	17.20	84.82	2.88	6.72	16.26	40.00	18.96
1973	137.70	42.37	22.75	19.62	95.33	3.31	7.41	17.97	45.53	21.12
1974	156.98	53.21	27.44	25.76	103.78	4.62	8.23	19.83	47.79	23.30
1975	157.71	54.92	26.33	28.59	102.79	6.10	8.68	19.98	46.23	21.80
1976	171.45	59.95	28.47	31.47	111.50	7.44	8.89	22.37	49.30	23.51
1977	198.08	69.22	34.04	35.18	128.87	9.24	9.40	26.79	56.54	26.90
1978	231.24	79.72	40.43	39.29	151.52	10.21	10.68	29.95	68.66	32.02
1979	270.46	98.66	51.07	47.61	171.77	11.38	12.35	33.96	79.26	34.83
1980	295.63	115.81	58.91	56.90	179.81	13.51	12.09	35.44	81.79	36.99
1981	321.49	126.79	61.84	64.95	194.70	16.86	12.05	38.40	86.33	41.06
1982	282.71	119.68	56.44	63.23	163.03	15.45	11.95	41.95	65.34	28.34
1983 [1]	269.22	111.53	51.78	59.75	157.69	11.83	11.20	42.00	66.68	25.99
1984 [1]	308.98	128.76	61.40	67.36	180.22	13.97	11.97	44.98	(NA)	(NA)
Average annual percent change:										
1950–1955	7.6	10.1	12.8	8.0	6.5	9.3	1.8	4.5	6.5	11.4
1955–1960	5.9	5.5	7.1	4.1	6.0	−.3	4.2	4.9	7.1	7.2
1960–1965	7.7	9.2	10.3	8.1	6.9	1.1	11.4	3.8	6.5	8.9
1965–1970	8.4	7.8	8.0	7.6	8.8	8.2	4.9	15.0	6.1	12.0
1970–1975	8.4	8.2	5.9	10.7	8.4	24.7	4.6	8.9	9.2	5.3
1975–1980	13.4	16.1	17.5	14.8	11.8	17.2	6.9	12.1	12.1	11.2
1980–1984	1.1	2.7	1.0	4.3	.1	.8	−.3	6.1	(NA)	(NA)

NA Not available. [1] Planned capital expenditures reported by business in April and May.

Source of tables 896 and 897: U.S. Bureau of Economic Analysis; *Survey of Current Business*, monthly.

No. 898. Composite Indexes of Economic Cyclical Indicators: 1974 to 1983

[1983 figures are preliminary. See source for discussion of composite indexes. Minus sign (–) indicates decrease]

ITEM	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
LEADING INDICATORS											
Composite index	1967=100	121.2	115.7	130.9	139.4	145.8	145.1	138.2	140.9	136.8	156.0
Net business formation	1967=100	109.2	107.0	115.6	123.2	128.2	128.3	122.4	118.6	113.2	114.8
Building permits [1]	1967=100	92.2	80.9	111.8	144.9	145.4	123.6	96.7	80.0	80.7	129.4
Common stock prices, index [2]	1941–43=10	82.8	86.2	102.0	98.2	96.0	103.0	118.8	128.0	119.7	160.4
Initial claims, unemployment insurance	1,000	351	468	381	368	338	379	480	446	578	426
Change in sensitive prices [3] [4]	Percent	–.1	–.3	1.1	.4	1.3	.9	–	–.6	–.7	1.0
Change in credit outstanding [5]	Percent	10.5	3.5	10.1	15.2	14.6	13.4	6.2	7.3	1.9	4.9
Vendor performance, slower deliveries	Percent	66	30	54	55	64	63	40	45	37	54
Average workweek, manufacturing [6]	Hours	40.0	39.5	40.1	40.3	40.4	40.2	39.7	39.8	38.9	40.1
Change in inventories (1972 dol.) [4] [7]	Bil. dol.	10	–17	8	13	20	9	–8	1	–16	2
Plant and equipment contracts and orders (1972 dol.)	Bil. dol.	149	117	132	146	172	185	170	168	149	163
New orders, manufacturing, consumer goods and materials (1972 dol.)	Bil. dol.	396	342	391	433	458	450	400	399	353	410
Money supply (M2) [8] (1972 dol.)	Bil. dol.	753	754	805	852	859	836	796	789	814	889
COINCIDENT INDICATORS											
Composite index	1967=100	126.4	116.2	124.8	133.6	144.0	150.2	144.8	146.0	136.3	139.9
Industrial production index	1967=100	129.3	117.8	130.5	138.2	146.1	152.5	147.1	151.0	138.6	147.6
Employees, nonagricultural payrolls	Million	78.3	76.9	79.4	82.5	86.7	89.8	90.4	91.2	89.6	90.1
Personal income less transfer payments (1972 dol.)	Bil. dol.	882	867	909	956	1,012	1,047	1,043	1,075	1,072	1,095
Sales, mfg. and trade (1972 dol.)	Bil. dol.	1,672	1,569	1,662	1,797	1,901	1,942	1,887	1,909	1,525	1,617
LAGGING INDICATORS											
Composite index	1967=100	117.0	110.9	103.5	106.4	114.0	122.6	124.6	122.4	123.0	111.7
Labor cost per unit of output, mfg [9]	Percent	99.0	104.6	100.0	100.1	99.5	98.7	102.1	100.7	102.0	91.9
Ratio, consumer installment credit to personal income	Percent	13.6	13.0	12.9	13.6	14.4	14.9	14.3	13.3	13.1	13.3
Average prime rate charged by banks	Percent	10.8	7.9	6.8	6.8	9.1	12.7	15.3	18.9	14.9	10.8
Average duration of unemployment	Weeks	9.8	14.2	15.8	14.3	11.9	10.8	11.9	13.7	15.6	20.0
Ratio inventories to sales, mfg. and trade (1972 dol.)	Ratio	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6
Commercial and industrial loans outstanding (1972 dol.) [10]	Bil. dol.	96	90	80	79	82	87	89	93	107	104

– Represents zero. [1] New private housing units authorized. [2] Standard and Poor, 500 stocks. [3] Producer price index of selected crude and intermediate materials and spot market price index of raw industrial materials. [4] Weighted 4-term moving average placed at the terminal month of the span. [5] Business and consumer borrowing. [6] Production workers. [7] Net changes in book value. [8] See table 844. [9] Actual data as percent of trend. [10] Includes commercial paper issued by nonfinancial companies.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, monthly.

No. 899. International Economic Composite Indexes—Average Annual Percent Change: 1960 to 1983

[Average annual percent changes derived from indexes with base 1980=100. Minus sign (–) indicates decrease]

YEARS	4 European countries	7 countries excluding U.S.	8 countries	United States	Canada	France	Italy	Japan	United Kingdom	West Germany	Australia
Leading index											
1960–1965	2.9	3.0	4.2	5.6	5.5	5.0	3.0	2.5	1.1	3.4	4.0
1965–1970	3.3	4.7	3.2	1.4	2.5	5.7	3.9	9.2	.7	3.9	5.5
1970–1975	1.8	2.0	2.2	2.6	4.5	2.7	3.0	1.9	.8	1.3	1.9
1975–1980	4.3	5.7	4.9	3.0	4.7	5.7	4.4	9.2	1.8	5.1	5.6
1974–1975	–3.1	–6.2	–4.5	–2.2	–2.5	–7.6	–.6	–14.1	–3.3	–.4	–1.8
1975–1976	7.3	9.3	10.3	11.7	4.4	10.0	4.2	14.9	4.8	9.3	7.9
1976–1977	2.3	2.1	3.7	6.2	2.8	.8	.4	1.5	4.1	2.7	.6
1977–1978	4.3	5.5	5.6	5.2	6.5	5.1	3.0	7.8	1.7	6.3	6.4
1978–1979	6.5	9.4	5.6	.7	6.5	6.8	8.3	16.3	1.9	7.5	9.2
1979–1980	1.3	2.8	–	–3.9	1.6	3.8	6.4	6.0	–3.1	.2	4.2
1980–1981	1.6	–	1.4	3.4	1.3	3.3	3.8	–3.5	.6	–	1.1
1981–1982	2.4	.9	–1.8	–5.5	–9.2	3.4	.9	.8	2.3	2.2	–4.8
1982–1983	5.1	5.1	8.2	12.9	13.6	5.8	2.1	3.2	3.5	7.2	7.4
Coincident index											
1960–1965	5.7	7.3	6.3	5.3	5.8	8.8	3.7	15.6	3.9	6.6	6.4
1965–1970	4.3	6.5	5.4	4.0	4.4	5.9	5.9	13.3	1.3	5.3	7.7
1970–1975	2.1	3.1	2.5	1.7	5.3	3.8	2.4	4.5	1.2	1.5	4.3
1975–1980	3.0	3.4	3.9	4.5	3.1	3.4	3.7	4.7	.9	3.9	1.9
1974–1975	–4.0	–3.2	–4.5	–6.6	.7	–5.0	–4.7	–1.6	–4.1	–2.5	–3.5
1975–1976	2.8	3.2	4.8	7.4	4.8	5.0	4.0	3.9	–.9	3.5	1.6
1976–1977	2.7	3.0	4.6	6.9	1.6	3.7	2.0	4.8	1.1	3.5	–1.4
1977–1978	3.6	3.7	5.4	7.6	3.2	2.7	2.5	4.7	4.6	4.0	1.4
1978–1979	4.3	4.7	4.4	3.9	4.5	3.5	4.7	5.8	3.8	5.2	3.2
1979–1980	1.5	2.6	.3	–2.7	1.7	2.0	5.3	4.3	–3.6	3.4	4.7
1980–1981	–2.4	–	.5	1.4	3.0	–1.9	–.7	3.1	–7.2	–.2	5.7
1981–1982	–.6	–2	–2.5	–5.9	–5.9	1.4	–.7	2.7	–1.5	–1.8	–2.2
1982–1983	–.3	.4	1.6	3.4	1.8	.6	–2.7	2.0	.3	–	–6.8

– Represents zero.

Source: Center for International Business Cycle Research, Columbia Business School, New York, NY, *International Economic Indicators*, monthly.

No. 900. Business Cycle Expansions and Contractions—Months of Duration: 1919 to 1982

[The lower turning point of a cycle is considered a trough, the upper turning point a peak. Business cycle reference dates are determined by the National Bureau of Economic Research, Inc.]

Business cycle reference date		Contraction (trough from previous peak)	Expansion (trough to peak)	Length of cycle	
Trough	Peak			Trough from previous trough	Peak from previous peak
March 1919	January 1920	7	10	51	17
July 1921	May 1923	18	22	28	40
July 1924	October 1926	14	27	36	41
November 1927	August 1929	13	21	40	34
March 1933	May 1937	43	50	64	93
June 1938	February 1945	13	80	63	93
October 1945	November 1948	8	37	88	45
October 1949	July 1953	11	45	48	56
May 1954	August 1957	10	39	55	49
April 1958	April 1960	8	24	47	32
February 1961	December 1969	10	106	34	116
November 1970	November 1973	11	36	117	47
March 1975	January 1980	16	58	52	74
July 1980	July 1981	6	12	64	18
November 1982	(x)	16	(x)	28	(x)
Average, all cycles:					
1919–1945 (6 cycles)		18	35	53	53
1945–1982 (8 cycles)		11	45	56	55
Average, peacetime cycles:					
1919–1945 (5 cycles)		20	26	46	45
1945–1982 (6 cycles)		11	34	46	44

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, July 1984.

No. 901. Manufacturing and Trade—Sales and Inventories in Current and Constant (1972) Dollars: 1965 to 1983

[**In billions of dollars, except ratios.** See *Historical Statistics, Colonial Times to 1970*, series V 78–107, for single year figures prior to revisions issued in 1981]

Item	1965	1970 [1]	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS												
Sales, average monthly	**80**	**107**	**178**	**182**	**204**	**230**	**260**	**298**	**327**	**356**	**344**	**367**
Manufacturing	41	53	85	87	99	113	127	144	154	168	159	171
Retail trade	24	31	45	49	55	60	67	75	80	87	90	98
Merchant wholesalers	16	24	48	47	51	56	66	79	93	101	95	99
Inventories [2]	**121**	**178**	**286**	**288**	**319**	**351**	**398**	**450**	**491**	**524**	**506**	**514**
Manufacturing	68	102	158	160	175	189	210	241	264	282	265	260
Retail trade	34	44	71	72	79	89	103	111	116	126	125	136
Merchant wholesalers	18	33	57	57	64	72	86	98	112	116	116	118
Inventory-sales ratio [3]	**1.45**	**1.62**	**1.45**	**1.57**	**1.48**	**1.46**	**1.44**	**1.43**	**1.45**	**1.43**	**1.50**	**1.37**
Manufacturing	1.60	1.90	1.65	1.84	1.69	1.61	1.57	1.57	1.66	1.64	1.73	1.52
Retail trade	1.39	1.41	1.48	1.44	1.38	1.39	1.43	1.44	1.41	1.39	1.39	1.33
Merchant wholesalers	1.15	1.29	1.07	1.21	1.19	1.21	1.20	1.18	1.14	1.13	1.23	1.17
CONSTANT (1972) DOLLARS												
Sales, average monthly	**98**	**116**	**141**	**132**	**142**	**152**	**160**	**164**	**160**	**161**	**154**	**164**
Manufacturing	50	56	67	62	67	72	76	78	74	75	70	75
Retail trade	29	34	40	40	43	45	47	48	46	47	46	50
Merchant wholesalers	19	26	34	31	32	34	37	38	39	39	37	39
Inventories	**149**	**194**	**233**	**225**	**235**	**246**	**260**	**264**	**264**	**269**	**259**	**259**
Manufacturing	87	113	131	127	131	134	140	145	146	148	139	136
Retail trade	37	46	58	56	59	63	67	66	63	66	64	68
Merchant wholesalers	25	35	44	42	45	49	53	53	55	56	55	55
Inventory-sales ratios [4]	**1.48**	**1.70**	**1.73**	**1.67**	**1.63**	**1.59**	**1.58**	**1.62**	**1.63**	**1.71**	**1.71**	**1.52**
Manufacturing	1.69	2.07	2.04	2.04	1.91	1.82	1.79	1.89	1.93	2.04	2.05	1.73
Retail trade	1.25	1.37	1.57	1.36	1.36	1.39	1.41	1.39	1.37	1.43	1.37	1.32
Merchant wholesalers	1.27	1.35	1.37	1.36	1.39	1.39	1.38	1.38	1.37	1.44	1.50	1.34

[1] Beginning 1970, data not comparable with earlier years due to revised procedures. [2] Book value; seasonally adjusted end-of-year data. See text, page 514. [3] Average inventories to average monthly sales. Average inventories based on weighted averages of end-of-month figures. [4] End of fourth quarter inventories to average month sales for fourth quarter.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–1976; Survey of Current Business*, July 1982, September 1983, September 1984, and unpublished data.

No. 902. Manufacturing Corporations, Assets, and Profits, by Asset Size: 1970 to 1983

[*Corporations and assets as of* ***end of 4th quarter****; profit for* ***entire year****. Through 1979 corporations under $10 million based on sample; $10 million and over based on complete canvass thereafter, under $25 million based on sample and $25 million and over based on compete canvass. For details regarding methodology, see source for fourth quarter, 1981*]

YEAR AND ITEM	Unit	Total	ASSET-SIZE CLASS						
			Under $10 mil.	$10–$25 mil.	$25–$50 mil.	$50–$100 mil.	$100–$250 mil.	$250 mil.–$1 bil.	$1 bil. and over
1970: [1] Corporations	Number	197,807	[2] 195,000	1,202	533	366	289	218	102
Assets, total	Mil. dol	578,234	69,101	20,471	20,138	25,946	47,783	112,475	282,320
Net profit, total [3]	Mil. dol	28,572	2,812	811	836	1,101	2,315	5,862	14,832
1972: Corporations	*Number*	(NA)	(NA)	1,323	543	362	317	235	115
Assets, total	Mil. dol	623,823	73,894	21,218	19,048	25,138	48,818	114,550	321,158
Net profit, total [3]	Mil. dol	7,934	895	224	207	297	562	1,329	4,420
1973: Corporations	Number	(NA)	(NA)	1,462	597	402	327	246	124
Assets, total	Mil. dol	742,266	89,305	26,902	23,373	30,223	53,075	126,635	392,753
Net profit, total [3]	*Mil. dol*	46,058	6,634	1,731	1,360	1,844	3,142	8,063	25,284
1974: Corporations	Number	(NA)	(NA)	1,699	708	434	383	284	137
Assets, total	Mil. dol	768,954	97,858	28,908	24,734	30,690	60,262	171,821	384,681
Net profit, total [3]	Mil. dol	58,747	7,717	1,896	1,385	2,126	3,700	9,661	32,260
1975: Corporations	*Number*	(NA)	(NA)	1,750	705	450	392	276	151
Assets, total	Mil. dol	810,910	98,147	31,307	24,720	31,395	62,524	139,113	423,705
Net profit, total [3]	Mil. dol	49,135	6,212	1,831	1,327	1,676	3,553	8,165	26,370
1976: Corporations	Number	(NA)	(NA)	1,705	757	472	400	301	182
Assets, total	Mil. dol	883,860	98,355	32,244	26,538	32,970	62,633	149,412	481,709
Net profit, total [3]	*Mil. dol*	64,519	7,799	2,238	1,714	2,070	3,945	10,422	36,330
1977: Corporations	Number	(NA)	(NA)	1,793	809	501	409	327	174
Assets, total	Mil. dol	962,996	102,241	35,603	28,595	35,032	63,590	160,107	537,830
Net profit, total [3]	Mil. dol	70,366	8,683	2,189	1,867	2,252	4,401	11,206	39,769
1978: Corporations	*Number*	(NA)	(NA)	1,780	802	518	408	320	181
Assets, total	Mil. dol	1,086,433	114,006	38,358	30,813	37,429	66,907	164,958	633,963
Net profit, total [3]	Mil. dol	81,185	9,417	2,487	2,264	2,602	4,712	12,311	47,391
1979: Corporations	Number	(NA)	(NA)	1,918	979	571	470	341	225
Assets, total	Mil. dol	1,242,985	124,853	42,007	34,082	40,336	73,172	169,599	758,937
Net profit, total [3]	Mil. dol	98,698	10,119	2,720	2,347	2,898	5,347	13,412	61,854
1980: Corporations	Number	(NA)	(NA)	1,777	941	590	491	369	244
Assets, total	Mil. dol	1,384,474	126,639	43,569	34,930	41,963	75,284	179,959	882,129
Net profit, total [3]	Mil. dol	92,443	7,770	2,235	1,904	2,479	4,532	11,485	62,041
1981: Corporations	*Number*	(NA)	(NA)	(NA)	845	603	520	376	259
Assets, total	Mil. dol	1,560,353	136,915	57,453	39,756	43,924	82,287	186,913	1,011,105
Net profit, total [3]	Mil. dol	101,302	8,863	3,077	1,944	2,415	4,560	10,087	70,354
1982: Corporations	Number	(NA)	(NA)	(NA)	820	642	510	378	275
Assets, total	Mil. dol	1,614,018	141,363	55,327	38,333	48,013	78,766	180,047	1,072,169
Net profit, total [3]	Mil. dol	71,028	5,193	2,278	1,196	1,421	2,643	6,892	51,405
1983: Corporations	Number	(NA)	(NA)	872	863	683	559	403	275
Assets, total	Mil. dol	1,704,951	149,791	54,506	41,766	52,673	87,391	194,212	1,124,612
Percent	Percent	100.0	8.8	3.2	2.4	3.1	5.1	11.4	66.0
Net profit, total [3]	*Mil. dol*	*85,834*	*7,438*	*2,693*	*2,149*	*2,466*	*3,861*	*6,134*	*60,893*
Percent	Percent	100.0	8.7	3.4	2.5	2.9	4.5	7.1	70.9

NA Not available. [1] Source: U.S. Securities and Exchange Commission. [2] Data derived from U.S. Internal Revenue Service, *Statistics of Income*, annual. [3] After taxes.

Source: Except as noted, through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 903. Largest Industrial Corporations—Sales, Assets, Net Income, and Employees, by Sales Group Rank: 1981 to 1983

[**Sales, assets, and net income in billions of dollars; employees in thousands, except percent.** Excludes large privately owned companies that do not publish sales. Includes service and rental revenues, but companies must derive more than 50 percent of revenues from manufacturing or mining for years ending not later than **Dec. 31** of **year stated**, except **1981**, no later than **January**; sales exclude excise taxes collected by manufacturer and include discontinued operations]

RANK BY SALES GROUP	SALES			ASSETS [1]			NET INCOME [2]			EMPLOYEES [3]		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
First 500 largest	1,773.4	1,672.2	1,686.7	1,282.8	1,308.7	1,353.9	84.2	61.4	66.8	15,635	14,362	14,053
Top 100	1,207.0	1,147.4	1,161.1	843.3	878.1	913.6	55.2	43.2	52.6	8,889	8,387	8,313
101–200	282.9	264.7	262.9	223.3	218.2	227.0	14.7	8.8	7.1	3,227	2,907	2,767
201–300	143.6	132.4	132.9	113.9	114.2	109.9	8.7	5.3	5.0	1,756	1,492	1,397
301–400	84.5	77.3	78.6	64.6	62.8	65.6	3.3	2.3	2.4	1,062	983	967
401–500	55.5	50.4	51.2	37.8	35.3	37.8	2.4	1.7	1.8	702	591	608
Percent of total, first 500:												
Top 100	68.1	68.6	68.8	65.7	67.1	67.5	65.6	70.4	76.5	56.9	58.4	59.2
101–200	16.0	15.8	15.6	17.4	16.7	16.8	17.4	14.3	10.3	20.6	20.2	19.7
201–300	8.1	7.9	7.9	8.9	8.7	8.1	10.3	8.7	7.2	11.2	10.4	9.9
301–400	4.8	4.6	4.7	5.0	4.8	4.8	3.9	3.8	3.5	6.8	6.8	6.9
401–500	3.1	3.0	3.0	2.9	2.7	2.8	2.8	2.8	2.6	4.5	4.1	4.3

[1] *Total assets employed in business at end of fiscal year, less depreciation and depletion.* [2] After taxes, special charges, and credits. [3] As of year end, or yearly average.

Source: Time, Inc., New York, NY, *The Fortune Directory*, May and June issues. (Copyright.)

No. 904. 500 Largest Industrial Corporations—Selected Financial Items, by Industry: 1982 and 1983

[Data are ranked based on sales per employee for latest year shown. See headnote, table 903. Minus sign (–) indicates decrease. For definition of median, see Guide to Tabular Presentation]

Industry	Sales per employee ($1,000)		Changes in profits (percent)		Sales per dollar of stockholder's equity (dol.)		Return on stockholder's equity (percent)		Return on sales (percent)		Total return to investors [1] (percent)	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
Total	**90.8**	**92.2**	**–27.1**	**12.0**	**2.74**	**2.66**	**10.9**	**10.6**	**3.6**	**3.8**	**22.2**	**30.2**
Petroleum refining	515.7	481.4	–14.9	–9.1	3.28	2.91	12.5	9.4	4.0	3.4	–10.8	22.4
Mining, crude-oil production	195.9	172.6	–47.5	3.7	1.67	1.63	9.0	8.9	3.0	6.1	–22.6	36.8
Beverages	120.0	142.2	8.5	23.0	3.00	3.59	16.7	16.9	5.4	6.0	45.5	48.6
Food	123.8	130.5	7.1	8.9	4.88	4.55	15.3	14.5	3.3	2.7	39.7	26.0
Chemicals	114.8	123.7	–30.8	26.9	2.28	2.31	8.6	10.0	3.9	3.5	9.5	34.4
Soaps, cosmetics	111.9	113.1	9.1	2.1	2.88	2.71	16.0	14.7	5.2	5.5	42.6	6.6
Metal manufacturing	101.8	109.7	–100.0	27.0	2.74	2.78	–	–	–	–	–11.6	42.5
Paper, fiber, wood products	100.8	107.4	–39.1	22.4	2.41	2.39	8.0	7.1	3.2	3.7	28.6	34.1
Rubber, plastic products	94.6	99.0	–50.4	171.5	3.54	3.03	1.9	10.0	.9	3.1	71.0	13.7
Glass, concrete, abrasives, gypsum	84.4	93.0	–40.8	78.3	2.50	2.16	4.3	8.0	1.5	3.4	25.9	9.5
Pharmaceuticals	83.4	90.2	13.3	13.5	1.82	1.93	16.9	17.5	9.9	10.4	32.8	7.2
Publishing, printing	82.3	87.9	10.4	21.0	2.24	2.18	15.5	17.8	6.5	7.5	48.9	27.1
Shipbuilding, railroad and transportation equipment [2]	78.2	87.9	–20.3	10.8	3.79	3.77	8.6	11.6	2.8	2.9	11.2	39.4
Motor vehicles	83.6	86.2	–55.4	116.6	3.28	3.18	5.1	10.1	2.1	3.7	39.0	42.8
Metal products	83.4	83.4	–16.7	13.0	3.08	2.88	12.2	9.5	3.7	4.0	9.1	33.1
Industrial and farm equipment	82.9	79.0	–37.3	–15.8	2.43	2.25	9.6	4.7	3.2	1.8	–1.2	34.4
Musical instruments, toys, sporting goods	68.7	77.2	291.6	–	3.96	3.86	(NA)	–	(NA)	–	46.8	2.1
Aerospace	76.8	77.1	–30.9	23.6	4.19	3.66	11.7	13.5	2.8	3.6	30.7	32.9
Measuring, scientific, photo. equip.	69.0	70.1	–7.1	–2.8	2.09	1.94	13.0	9.9	5.9	5.1	6.8	23.8
Electronics, appliances	63.0	67.6	1.1	9.7	2.86	2.70	11.6	12.0	4.5	4.8	37.7	26.8
Office equipment (incl. computers)	62.7	66.4	8.9	8.7	1.95	1.88	12.1	11.1	5.7	5.7	28.9	28.8
Textiles, vinyl flooring	53.7	55.3	4.9	22.2	2.85	2.95	6.3	8.7	2.1	3.2	54.4	32.3
Apparel	47.6	48.6	12.5	23.2	3.53	3.28	12.3	13.0	3.4	3.6	47.2	41.6

– Represents zero. NA Not available.
[1] Includes both price appreciation and dividend yield, i.e., to an investor in the company's stock. [2] Excludes motor vehicles and aircraft.

Source: Time, Inc., New York, NY, *The Fortune Directory*, May issues. (Copyright).

No. 905. Corporate Funds—Sources and Uses: 1965 to 1983

[In billions of dollars, except percent. Covers nonfarm nonfinancial corporate business. See text, p. 514]

Source and use	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Sources, total	**91.8**	**102.3**	**157.0**	**254.1**	**317.5**	**345.7**	**333.2**	**365.8**	**308.6**	**427.7**
Internal	58.5	61.8	119.7	157.4	175.7	188.8	189.5	230.6	240.5	280.8
Domestic undistributed profits	19.1	7.6	34.0	54.7	62.8	67.3	49.0	49.7	19.0	20.3
IVA and CCA [1]	2.5	–4.1	–21.1	–26.8	–36.1	–56.8	–57.2	–32.4	–7.6	22.9
Capital consumption allowances	32.5	51.8	93.8	114.3	129.2	147.7	167.8	189.7	207.3	215.4
Foreign earnings [2]	4.5	6.5	13.0	15.1	19.7	30.6	29.9	23.7	21.6	22.2
External [3]	33.3	40.5	37.3	96.7	141.8	156.9	143.7	135.2	68.1	146.8
Percent of total	36.3	39.6	23.8	38.1	44.7	45.4	43.1	37.0	22.1	34.3
Credit market funds	18.5	35.3	30.8	72.4	80.5	88.2	90.9	92.2	84.1	85.7
Securities and mortgages	7.6	26.3	38.7	35.8	32.8	20.9	52.4	22.6	45.2	55.6
Equity issues	–	5.7	9.9	2.7	–.1	–7.8	12.9	–11.5	11.4	28.3
Bonds and mortgages [4]	7.6	20.6	28.7	33.1	32.9	28.7	39.6	34.0	33.8	27.3
Loans and short-term paper	11.0	9.0	–7.9	36.6	47.7	67.3	38.5	69.7	38.9	30.1
Other	14.8	5.3	6.5	24.3	61.3	68.8	52.7	43.0	–15.9	61.1
Profit taxes payable	2.2	–3.7	–2.4	–1.5	4.3	2.5	–1.7	–6.8	–16.2	3.3
Trade debt	12.2	7.5	6.3	22.1	49.1	54.4	40.8	27.8	–10.2	49.1
Foreign direct investments in U.S.	.4	1.5	2.6	3.7	7.9	11.9	13.7	22.0	10.4	8.7
Uses, total	**82.7**	**98.7**	**150.9**	**237.6**	**293.6**	**346.7**	**320.1**	**324.3**	**251.0**	**381.2**
Capital expenditures	61.0	80.0	109.7	175.1	201.6	219.4	221.2	261.6	231.2	260.1
Increase in financial assets	21.8	18.7	41.2	62.5	92.0	127.3	98.9	62.7	19.7	121.1
Discrepancy (sources less uses)	*9.1*	*3.6*	*6.0*	*16.5*	*23.8*	*–1.0*	*13.1*	*41.6*	*57.7*	*46.5*

– Represents zero. [1] Inventory valuation and capital consumption adjustment. [2] Foreign branch profits, dividends, and subsidiaries earnings retained abroad. [3] Net increases in liability. [4] Includes industrial pollution control revenue bonds, issued by State and local governments.

Source: Board of Governors of the Federal Reserve System. Data derived from *Flow of Funds Accounts*, annual.

No. 906. Corporate Profits, Taxes, and Dividends: 1970 to 1983

[**In billions of dollars.** Covers corporations organized for profit. Represents profits to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; *net receipts of dividends, reinvested earnings of incorporated foreign affiliates, and earnings of unincorporated foreign affiliates* are added]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Profits before taxes	75.4	136.7	132.1	166.3	194.7	229.1	252.7	234.6	221.2	165.5	203.2
Less: Income tax liability [1]	34.2	51.6	50.6	63.8	72.7	83.2	87.6	84.8	81.1	60.7	75.8
Equals: Profits after taxes	41.3	85.1	81.5	102.5	122.0	145.9	165.1	149.8	140.0	104.8	127.4
Less: Net dividends [2]	22.5	29.1	30.8	37.4	40.8	47.0	52.7	58.6	66.5	69.2	72.9
Equals: Undistributed profits	18.8	55.2	50.7	65.1	81.2	98.9	112.4	91.2	73.5	35.6	54.5
Capital consumption allowances [3]	56.6	81.5	89.4	96.3	110.2	124.9	142.7	163.0	195.0	224.8	264.4
Profits after tax plus capital consumption allowances [3]	97.9	166.6	170.9	198.8	232.2	270.7	307.8	312.8	335.0	329.7	391.8

[1] Federal, State and local. [2] Disbursements to U.S. residents, measured after eliminations of intercorporate dividends. [3] Without capital consumption adjustment. Includes depreciation and accidental damages.

No. 907. Corporate Profits: 1965 to 1983

[**In billions of dollars.** Profit figures are with inventory valuation adjustment and without capital consumption adjustment]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**76.0**	**68.9**	**105.6**	**96.7**	**120.6**	**151.6**	**178.5**	**205.1**	**209.6**	**191.7**	**197.6**	**156.0**	**192.0**
Domestic industries	71.5	62.4	92.0	80.4	107.6	137.4	163.4	185.4	179.0	161.9	173.2	133.6	167.2
Financial	7.5	12.1	15.9	15.0	11.8	17.1	23.1	31.0	30.3	26.9	19.5	19.6	29.6
Nonfinancial	64.0	50.2	76.0	65.4	95.8	120.3	140.3	154.4	148.6	134.9	153.7	114.0	137.6
Manufacturing	39.3	26.6	45.5	39.0	52.6	69.2	78.3	86.9	85.6	72.9	84.9	54.5	65.2
Wholesale and retail trade	8.1	9.5	13.9	12.5	21.3	22.4	26.6	26.9	27.1	23.6	31.8	25.9	33.4
Other	16.6	14.1	16.7	14.0	21.9	28.7	35.4	40.6	36.0	38.4	37.0	33.6	38.9
Rest of the world	4.5	6.5	13.7	16.3	13.0	14.3	15.1	19.7	30.6	29.9	24.4	22.4	24.8

Source of tables 906 and 907: U.S. Bureau of Economic Analysis, The National Income and Product Accounts of the United States, 1929–76, and *Survey of Current Business,* July issues.

No. 908. Corporate Profits, by Industry: 1965 to 1983

[**In billions of dollars.** Profits are without inventory valuation and capital consumption adjustments. Minus sign (–) indicates loss. See headnote, table 906]

YEAR	All industries	Manufacturing	Wholesale, retail trade	Finance, insurance [1]	Public utilities	Services	Communication	Construction	Mining	Agriculture [2]	Transportation	Rest of the world [3]
BEFORE TAXES												
1965	77.2	39.9	8.6	8.9	4.7	1.6	4.2	1.6	.9	.2	2.2	4.5
1970	75.4	30.4	11.5	13.3	4.0	1.8	4.6	2.1	1.0	.1	.2	6.5
1973	125.6	55.5	21.8	16.6	4.0	3.5	4.1	2.4	1.7	.9	1.4	13.7
1974	136.7	59.3	25.6	15.7	3.2	3.2	3.9	2.5	4.2	.4	2.4	16.3
1975	132.1	57.8	26.2	12.4	5.5	4.4	3.8	3.0	4.1	.8	1.2	13.0
1976	166.3	75.6	27.6	18.9	7.3	5.7	5.5	3.3	4.1	.7	3.2	14.3
1977	194.7	86.1	31.8	26.4	8.8	7.4	6.5	4.7	3.3	.6	3.9	15.1
1978	229.1	96.8	37.6	35.1	9.0	8.7	8.4	5.8	2.6	1.2	4.2	19.7
1979	252.7	104.5	42.8	34.2	8.6	9.5	7.5	5.9	3.5	1.2	4.2	30.6
1980	234.6	92.1	40.7	29.0	9.7	9.6	7.5	5.7	6.4	.6	3.4	29.9
1981	221.2	96.5	39.0	20.4	11.2	11.3	8.1	4.1	4.0	.3	1.9	24.4
1982	165.5	58.6	29.0	20.4	12.2	11.1	7.3	3.5	1.5	–.1	–.4	22.4
1983	203.2	70.0	39.3	31.1	14.5	11.6	6.2	3.3	1.0	(z)	1.5	24.8
AFTER TAXES												
1965	46.3	23.0	5.3	4.5	2.6	1.0	2.3	1.1	.7	.1	1.3	4.5
1970	41.3	15.6	6.8	5.4	2.2	.8	2.3	1.3	.7	(z)	–.2	6.5
1973	76.6	31.4	14.2	6.3	2.5	2.2	2.5	1.4	1.3	.6	.6	13.7
1974	85.1	34.1	17.3	5.3	1.7	2.0	2.4	1.5	3.0	.2	1.4	16.3
1975	81.5	33.1	17.9	2.2	3.9	3.0	3.0	1.8	2.9	.5	.3	13.0
1976	102.5	42.2	18.6	6.4	5.4	4.0	4.0	2.1	3.0	.4	2.1	14.3
1977	122.0	48.6	21.8	11.6	6.4	5.4	4.7	3.3	2.1	.3	2.8	15.1
1978	145.9	55.8	25.9	16.7	6.6	6.0	5.9	4.1	1.4	.8	2.8	19.7
1979	165.1	62.6	30.1	13.7	6.4	6.6	5.7	3.9	2.1	.8	2.6	30.6
1980	149.8	52.9	28.6	9.2	7.0	6.6	5.6	3.5	4.6	.2	1.7	29.9
1981	140.0	59.9	27.2	1.3	8.4	8.0	6.3	2.2	2.3	(z)	.3	24.4
1982	104.8	33.7	18.5	3.2	10.4	8.6	6.0	2.5	.7	–.1	–1.0	22.4
1983	127.4	36.9	25.8	11.6	12.2	8.0	4.6	2.6	.6	(z)	.3	24.8

Z Less than $50 million. [1] Includes real estate. [2] Includes forestry and fisheries. [3] Consists of receipts by all U.S. residents, including both corporations and persons, of earnings of unincorporated foreign affiliates, dividends from their incorporated foreign affiliates, and their share of reinvested earnings of their incorporated foreign affiliates, net of corresponding outflows.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76;* and *Survey of Current Business,* July issues.

No. 909. Manufacturing Corporations—Sales, Profits, Stockholders' Equity, and Debt: 1960 to 1983

[**In billions of dollars.** Prior to 1970, excludes newspapers. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. See also *Historical Statistics, Colonial Times to 1970*, series P 93–106]

Year	All manufacturing corps.					Durable goods industries					Nondurable goods industries				
	Sales (net)	Profits before taxes	Profits after taxes	Stockholders' equity [1]	Debt [1]	Sales (net)	Profits before taxes	Profits after taxes	Stockholders' equity [1]	Debt [1]	Sales (net)	Profits before taxes	Profits after taxes	Stockholders' equity [1]	Debt [1]
1960	346	27.5	15.2	165	40.5	174	14.0	7.0	82	20.5	172	13.5	8.2	83	20.0
1965	492	46.5	27.5	212	57.9	257	26.2	14.5	105	28.4	235	20.3	13.0	106	29.5
1970	709	48.1	28.6	307	133.9	363	23.0	12.9	155	70.7	346	25.2	15.7	152	63.2
1972	850	63.2	36.5	343	149.0	436	33.6	18.4	171	77.0	414	29.6	18.0	172	72.0
1973	1,017	81.4	48.1	374	164.3	527	43.6	24.8	189	86.1	490	37.8	23.3	185	78.2
1974	1,061	92.1	58.7	395	167.4	529	41.1	24.7	196	87.1	532	51.0	34.1	199	80.3
1975	1,065	79.9	49.1	423	183.2	521	35.3	21.4	208	94.4	544	44.6	27.7	215	88.8
1976	1,203	104.9	64.5	463	187.8	590	50.7	30.8	224	91.1	614	54.3	33.7	238	96.7
1977	1,328	115.1	70.4	497	200.4	657	57.9	34.8	240	94.8	671	57.2	35.6	257	105.6
1978	1,496	132.5	81.2	541	222.4	761	69.6	41.8	263	105.8	736	63.0	39.4	278	116.6
1979	1,742	154.2	98.7	600	252.2	866	72.4	45.2	292	122.8	876	81.8	53.5	308	129.4
1980	1,897	145.4	92.4	665	292.1	883	57.2	35.6	316	142.8	1,014	88.2	56.9	349	149.3
1981	2,145	158.5	101.3	743	334.9	979	67.2	41.7	350	159.4	1,165	91.3	59.6	393	175.5
1982	2,039	108.3	71.0	770	370.6	913	34.7	21.7	356	177.4	1,126	73.6	49.4	415	193.2
1983	2,114	133.1	85.8	813	367.5	973	48.7	30.0	372	167.9	1,141	84.4	55.8	440	199.6

[1] Annual data are average equity or debt for the year (using four end-of-quarter figures).

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President,* annual.

No. 910. Manufacturing Corporations—Profits, Stockholders' Equity, Sales, and Debt Ratios: 1980 to 1983

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. Minus (–) sign indicates loss. See headnote, table 909]

Industry group	Ratios of profits to stockholders' equity (percent)				Profits per dollar of sales (cents)				Ratio of stockholders' equity to debt			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
All manufacturing corporations [1]	**13.9**	**13.6**	**9.3**	**10.5**	**4.9**	**4.7**	**3.5**	**4.1**	**2.3**	**2.2**	**2.1**	**2.2**
Durable goods industries	**11.2**	**11.9**	**6.1**	**8.0**	**4.0**	**4.2**	**2.4**	**3.1**	**2.2**	**2.2**	**2.0**	**2.2**
Stone, clay, and glass products	10.8	8.8	2.3	5.3	4.2	3.5	.8	2.0	1.9	1.9	1.6	1.7
Primary metal industries	11.7	11.6	–9.5	–10.5	4.1	4.0	–4.2	–4.0	1.7	1.7	1.3	1.2
Iron and steel	9.0	11.6	–15.4	–17.8	2.9	3.6	–6.2	–5.8	1.7	1.8	1.2	1.0
Nonferrous metals	15.6	11.6	–1.8	–1.6	5.8	4.8	–.9	–.8	1.8	1.7	1.5	1.5
Fabricated metal products	13.9	13.3	7.1	8.1	4.2	4.0	2.3	2.6	2.1	2.2	2.1	1.9
Machinery, exc. electrical	15.0	14.6	8.6	7.9	6.5	6.4	4.3	4.3	2.2	2.2	2.1	2.7
Electrical and electronic equipment	15.1	14.4	11.4	9.9	5.0	5.0	4.2	3.9	2.6	2.6	2.6	2.8
Transportation equipment	–.6	5.8	5.8	15.7	–.3	1.6	1.6	4.2	2.7	2.4	2.2	2.7
Motor vehicles and equipment	–9.3	–.7	2.0	19.7	–3.4	–.3	.5	5.0	3.4	3.0	2.7	3.5
Aircraft, guided missiles and parts	16.0	16.0	12.0	12.1	4.3	4.4	3.3	3.5	2.8	2.7	2.5	3.2
Instruments and related products	17.5	16.9	14.3	11.9	9.3	9.0	8.0	6.9	4.3	4.5	4.5	4.8
Nondurable goods industries	**16.4**	**15.2**	**11.9**	**12.6**	**5.6**	**5.1**	**4.4**	**4.9**	**2.3**	**2.2**	**2.1**	**2.2**
Food and kindred products	14.7	14.0	13.0	12.2	3.4	3.2	3.1	3.3	1.9	1.8	1.8	1.8
Tobacco manufactures	19.8	19.8	18.9	18.5	11.7	11.5	11.4	12.1	1.8	1.7	1.6	2.2
Textile mill products	8.5	9.4	6.9	12.0	2.2	2.4	2.0	3.3	2.0	2.0	2.0	2.0
Paper and allied products	12.1	12.0	5.4	8.6	5.1	5.0	2.4	3.6	2.0	2.0	1.8	1.7
Printing and publishing	16.4	14.9	13.5	17.4	5.5	5.0	4.5	5.8	2.1	2.1	2.0	2.1
Chemicals and allied products	15.4	14.8	11.1	12.1	7.1	6.9	5.5	5.8	2.2	2.2	2.0	2.2
Industrial	11.9	13.2	6.5	7.8	5.4	5.8	3.3	3.7	1.9	1.9	1.8	1.9
Drugs	19.9	16.9	19.6	20.3	13.2	10.9	13.1	13.2	3.0	2.8	2.9	2.9
Petroleum and coal products	20.0	17.2	13.2	12.6	7.7	6.3	5.5	6.2	3.4	3.0	2.8	2.7
Rubber and misc. plastics products	6.7	12.0	8.1	12.3	2.0	3.5	2.5	3.6	1.6	1.8	1.8	2.1

[1] Includes other industries not shown separately.

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President,* annual.

No. 911. Gross Product of U.S. Multinational Companies (MNC's), by Industry of U.S. Parent: 1977

[**In billions of dollars, except percent.** Gross product is an economic accounting measure of production. It measures U.S. parent companies' contribution to U.S. gross domestic product (GDP) and their majority-owned foreign affiliate (MOFA's) contribution to foreign GDP. The gross product estimates are based on data from the Bureau of Economic Analysis' 1977 benchmark survey of U.S. direct investment abroad and cover nonbank U.S. parent companies that had at least one nonbank MOFA. (MOFA's are foreign affiliates that were owned by more than 50 percent of all U.S. parents combined and that had assets, sales, or net income of more than $3 million in 1977.) Detailed data and the methodology of the benchmark survey are published in U.S. Bureau of Economic Analysis, *U.S. Direct Investment Abroad, 1977*, April 1981]

ITEM	U.S. MNC'S WORLDWIDE			PERCENT DISTRIBUTION	
	Total	U.S. parents	MOFA's	U.S. parents	MOFA's
All industries	**651.7**	**490.5**	**161.1**	**75**	**25**
Mining	2.4	2.0	.4	82	18
Metal mining	.9	.7	.2	80	20
Coal and other nonmetallic minerals	1.6	1.3	.3	83	17
Petroleum	114.1	52.1	62.0	46	54
Oil and gas extraction	4.4	3.5	.8	81	19
Petroleum and coal products	101.1	43.2	57.9	43	57
Petroleum wholesale trade	5.1	2.2	2.9	43	57
Other	3.4	3.1	.3	90	10
Manufacturing	382.3	301.3	81.0	79	21
Food and kindred products	27.9	21.8	6.1	78	22
Chemicals and allied products	51.5	39.1	12.4	76	24
Primary and fabricated metals	40.2	35.4	4.8	88	12
Primary metals	27.3	24.8	2.5	91	9
Fabricated	12.9	10.6	2.3	82	18
Machinery, except electrical	60.4	42.4	18.0	70	30
Office and computing machines	30.3	17.6	12.6	58	42
Construction and related machinery	10.5	8.4	2.1	80	20
Other	16.2	13.5	2.7	83	17
Electric and electronic equipment	32.1	26.7	5.4	83	17
Transportation equipment	88.5	71.3	17.2	81	19
Other manufacturing	81.6	64.6	17.0	79	21
Trade	35.3	31.3	4.0	89	11
Wholesale	6.5	5.1	1.5	77	23
Retail	28.7	26.3	2.5	91	9
Finance (except banking), insurance, and real estate	29.2	22.8	6.4	78	22
Other industries	88.4	81.1	7.3	92	8
Transportation	18.8	17.3	1.5	92	8
Services	11.7	10.0	1.7	85	15

Source: U.S. Bureau of Economic Anaylsis, *Survey of Current Business*, February 1983.

No. 912. Capital Expenditures by Majority-Owned Foreign Affiliates of U.S. Multinational Companies: 1970 to 1983

[Represents expenditures to acquire, add to, or improve property, plant, and equipment. Data are universe estimates based on Bureau of Economic Analysis' semiannual sample survey. The latest survey, taken in Dec. 1983, covered over 8,500 majority-owned foreign affiliates. See *Survey of Current Business*, March 1984]

INDUSTRY AND AREA OR COUNTRY	EXPENDITURES (bil. dol.)							PERCENT OF TOTAL			
	1970	1975	1979	1980	1981	1982	1983, prel.	1970	1975	1980	1983, prel.
Total [1]	**14.1**	**26.8**	**32.6**	**42.4**	**43.7**	**43.8**	**37.7**	**100.0**	**100.0**	**100.0**	**100.0**
Mining and smelting	1.2	1.2	.7	1.3	1.3	.7	.4	8.5	4.5	3.1	1.1
Petroleum	4.0	8.9	11.0	14.8	15.8	19.7	17.5	28.4	33.2	34.9	46.4
Manufacturing [1]	6.5	11.3	15.4	19.5	19.2	16.8	13.8	46.1	42.2	46.0	36.6
Food products	.4	.7	1.2	1.5	1.4	1.3	1.3	2.8	2.6	3.5	3.4
Chemicals and allied products	1.2	2.5	2.6	3.0	3.0	2.8	2.5	8.5	9.3	7.1	6.6
Machinery (except electrical)	1.6	2.8	4.7	5.6	5.1	4.9	3.4	11.3	10.4	13.2	9.0
Electrical machinery	.6	.9	1.1	1.4	1.2	1.1	1.1	4.3	3.4	3.3	2.9
Transportation equipment	1.0	1.4	2.9	4.4	5.2	3.4	2.7	7.1	5.2	10.4	7.2
Trade	1.0	2.4	3.1	3.8	4.3	3.8	3.4	7.1	9.0	9.0	9.0
By area of affiliate:											
Developed countries	10.1	18.8	24.8	31.9	31.3	30.0	26.3	71.6	70.1	75.2	69.8
Canada	3.0	5.0	6.5	8.3	8.1	7.4	7.1	21.3	18.7	19.6	18.8
Europe	5.7	11.7	16.4	20.8	20.1	19.5	16.9	40.4	43.7	49.1	44.8
European Communities [2]	5.1	9.9	14.0	17.8	16.2	15.4	14.1	36.2	36.9	42.0	37.4
Other Europe	.6	1.8	2.4	3.0	3.9	4.0	2.8	4.3	6.7	7.1	7.4
Japan	.5	.8	.6	.9	.8	.9	.7	3.5	3.0	2.1	1.9
Australia, New Zealand, South Africa	.9	1.2	1.3	1.8	2.2	2.2	1.6	6.4	4.5	4.2	4.2
Developing countries	3.3	6.4	6.6	9.0	11.1	12.5	10.8	23.4	23.9	21.2	28.6
Latin America	2.0	3.1	3.2	4.6	5.7	5.2	3.6	14.2	11.6	10.8	9.5
Africa (excl. South Africa)	.5	.7	.9	1.3	1.6	2.5	2.2	3.5	2.6	3.1	5.8
Middle East	.2	1.3	.8	.7	.5	.7	.8	1.4	4.9	1.7	2.1
Other Asia and Pacific	.6	1.3	1.7	2.5	3.3	4.1	4.3	4.3	4.9	5.9	11.4
International and unallocated	.7	1.7	1.2	1.5	1.4	1.3	.6	5.0	6.3	3.5	1.6

[1] Includes other industries not shown separately. [2] Includes Belgium, Denmark, France, Federal Republic of Germany, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March issues.

No. 913. Foreign-Owned U.S. Firms, by Percent of Foreign Ownership, Industry, and Country: 1982

[Covers only firms operating at more than one U.S. location and having 50 or more employees. A firm was defined as foreign-owned if ten percent or more of its equity was owned by a foreign entity. Domicile country refers to location of the home office of the owning entity]

ITEM	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)	DOMICILE COUNTRY	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)
Total [3]	**1,744**	**48,287**	**2,377.4**	**47,876**	**All countries [3]**	**1,744**	**48,287**	**2,377.4**	**47,876**
Foreign ownership:					Australia [4]	29	466	27.5	600
10–49 percent	246	10,004	567.6	13,002	Bahamas	13	238	9.6	122
50–99 percent	308	9,304	419.5	8,490	Belgium [5]	39	782	48.9	992
100 percent	1,159	28,759	1372.8	26,014	Bermuda	15	1,109	40.3	740
					Canada	271	8,166	411.3	9,295
Industry:					France	122	3,158	168.7	3,499
Agriculture	58	240	8.5	142					
Mining	102	881	106.1	3,277	Germany, Fed. Rep. of	173	5,493	314.0	5,758
Construction	87	454	48.4	1,347	Great Britain	293	11,225	505.7	8,748
Manufacturing	864	5,884	1,109.3	24,496	Hong Kong	20	1,186	20.8	328
Transportation, communication, public utilities	221	2,358	83.9	2,072	Japan	239	2,249	117.8	2,589
Wholesale trade	947	9,536	219.7	5,525	Netherlands	132	7,902	354.4	7,783
Retail trade	230	18,440	444.0	4,431	Neth. Antilles	37	1,335	73.9	1,552
Finance, insurance, real estate	375	5,434	183.6	4,183	Panama	18	168	13.8	290
Services	378	5,060	173.8	2,404	Sweden	50	605	41.3	836
					Switzerland	131	2,594	143.7	2,792
					Other	162	1,611	85.7	1,952

[1] For definition, see text, p. 513. [2] For week including March 12. [3] Includes industries and countries not shown separately. [4] Includes New Zealand. [5] Includes Luxembourg.

Source: U.S. Bureau of the Census, *Selected Characteristics of Foreign-Owned U.S. Firms: 1982.*

No. 914. Consumer Cooperatives and Farmer Cooperatives Selling Consumer Goods, by Type of Association: 1970 to 1982

[Members in thousands; business in millions of dollars. Business refers to loans outstanding]

TYPE OF ASSOCIATION	1970			1981			1982		
	Associations	Members	Business	Associations	Members	Business	Associations	Members	Business
Credit unions [1]	23,656	22,819	14,106	20,697	45,069	50,394	19,890	46,498	51,646
Electric power cooperatives [2]	875	5,789	1,195	869	9,028	7,440	870	9,247	8,631
Rural telephone cooperatives [3]	235	609	86	254	962	391	254	977	457
Independent prepaid and self-insured health plans [4]	[5] 482	[5] 12,204	1,068	(NA)	[6] 29,107	[6] 9,353	(NA)	(NA)	(NA)
Community consumer	[5] 40	[5] 4,691	445	(NA)	[6] 7,962	[6] 2,519	(NA)	(NA)	(NA)
Labor and management	[5] 418	[5] 5,834	545	(NA)	[6] 18,457	[6] 5,810	(NA)	(NA)	(NA)
Health professionals (both profit making and non-profit plans)	[5] 24	[5] 1,679	78	(NA)	[6] 2,688	[6] 1,024	(NA)	(NA)	(NA)
Farmer cooperatives selling producer and consumer goods [7]	6,209	(NA)	3,871	5,009	(NA)	17,059	4,952	(NA)	16,362
Petroleum products [8]	2,774	(NA)	862	2,911	(NA)	5,646	2,871	(NA)	5,502
Meats and groceries	717	(NA)	83	482	(NA)	163	482	(NA)	112
Miscellaneous [9]	4,800+	(NA)	527	4,300+	(NA)	1,729	4,200+	(NA)	1,699

NA Not available. [1] Source: National Credit Union Administration, *Annual Report of the National Credit Union Administration* and *State Chartered Credit Unions.* [2] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Electric Borrowers.* Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues. [3] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers.* Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues.
[4] Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* September 1982, and unpublished data. Estimated enrollees and annual subscription income of plans. Enrollment is for most frequent type of benefit (surgical services). 1981, preliminary. [5] 1968 data. [6] 1979 data. [7] Data for fiscal years ending June 30 or earlier in years shown. 1982, calendar year. Since most cooperatives do more than one type of business, totals are less than would be obtained by adding number of cooperatives handling individual items or performing individual services. Major products sold are feed, seed, fertilizer, pesticides, and petroleum. See table 1147 for other items sold by farmer cooperatives. [8] Sales include products for farming, for both farm and non-farm home heating, and automobile and truck uses. [9] Includes hardware, building supplies, lawn and garden items, electrical goods, and other supplies used by both farmers and nonfarmers.

Source: Except as noted, U.S. Dept. of Agriculture, Agricultural Cooperative Service, unpublished data.

No. 915. Corporate Philanthropy as a Percent of Pretax Net Income: 1980 to 1982

[Based on sample of 2,500 large industrial and non-industrial companies]

INDUSTRY CLASS	1980	1981	1982	INDUSTRY CLASS	1980	1981	1982
All firms, average	.54	.63	.83	**Manufacturing firms, average**—Con.			
Manufacturing firms, average	.52	.63	.90	Stone, clay and glass products	.95	1.35	2.63
Chemicals	.62	.73	.92	Textiles	1.29	.99	1.62
Electrical machinery and equipment	.58	.64	.80	*Transportation equipment*	.79	.86	2.11
Fabricated metal products	.90	1.23	1.06	**Nonmanufacturing firms, average**	.60	.63	.69
Food, beverage and tobacco	.64	.71	1.00	Banking	.92	.97	1.12
Machinery, nonelectrical	.80	.86	2.40	Business services	.62	.61	.79
Mining	.55	.79	1.90	Engineering and construction	.47	.71	.39
Paper and like products	1.09	1.08	1.80	Finance	.67	.66	.75
Petroleum and gas	.29	.42	.61	*Insurance*	.74	.96	1.31
Pharmaceuticals	.99	.82	.99	*Merchandising*	1.67	1.50	1.30
Primary metal industries	.95	.88	1.63	Telecommunications	.41	.45	.53
Printing and publishing	1.65	.92	1.26	Transportation	.64	.62	1.00
Rubber, misc. plastic products	1.42	.49	1.12	Utilities	.29	.28	.27

No. 916. Corporate Philanthropy—Beneficiaries: 1975 to 1982

[In millions of dollars, except percent]

BENEFICIARY	1975	1976	1977	1978	1979	1980	1981	1982	
								Total	Percent of total
Total	**436.8**	**518.2**	**593.9**	**663.2**	**835.6**	**994.6**	**1,170.6**	**1,281.6**	**100.0**
Health and human services [1]	180.0	203.1	227.6	225.9	292.6	337.9	393.3	397.3	31.0
Federal drives	104.6	116.2	128.5	142.1	(NA)	170.7	(NA)	182.4	14.2
Other local health, human services	20.5	20.4	25.0	28.3	(NA)	41.7	(NA)	44.6	3.5
Hospitals:									
Capital grants	17.9	21.0	23.6	24.5	(NA)	29.8	(NA)	27.0	2.1
Operating grants	4.7	4.8	5.4	6.1	(NA)	11.1	(NA)	10.7	.8
Education [1]	158.4	192.5	220.0	256.3	314.8	375.8	429.8	522.2	40.9
Higher education institutions:									
Dept. and *research grants*	23.8	29.0	31.6	41.8	(NA)	64.7	(NA)	114.6	8.9
Employee matching gifts	14.0	17.0	22.4	25.2	(NA)	45.4	(NA)	71.2	5.6
Unrestricted operating grants	29.1	32.1	34.8	43.8	(NA)	56.0	(NA)	57.4	4.5
Culture and art [1]	33.0	42.2	53.2	70.0	82.5	108.7	139.6	145.8	11.4
Museums	7.6	10.0	11.8	17.2	(NA)	23.3	(NA)	31.7	2.5
Music	5.1	5.9	7.4	10.1	(NA)	14.7	(NA)	19.5	1.5
Public TV and radio	5.9	6.4	9.5	11.3	(NA)	16.3	(NA)	18.3	1.4
Civic, community activities [1]	45.2	57.0	68.3	79.0	97.3	116.8	136.6	149.3	11.6
Community improvement	15.2	21.9	26.3	28.8	(NA)	47.0	(NA)	48.2	3.8
Environment; ecology	7.5	7.9	15.1	11.2	(NA)	10.8	(NA)	13.8	1.1
Housing, urban renewal	3.0	2.9	2.7	5.8	(NA)	7.7	(NA)	12.8	1.0
Other and unknown	20.3	21.5	24.8	32.0	48.3	55.5	71.3	67.0	5.2

NA Not available. [1] *Includes other beneficiaries* not shown separately.

Source of tables 915 and 916: Troy, Kathryn, *Annual Survey of Corporate Contributions,* The Conference Board, New York, NY. (Copyright.)

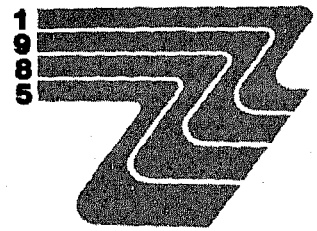
No. 917. Patents and Trademarks: 1961 to 1983

[**In thousands. Calendar year data.** Covers patents issued to citizens of the United States and residents of foreign countries. For information on copyrights, see table 941. See also *Historical Statistics, Colonial Times to 1970,* series W 96–108]

ITEM	1961–1965	1966–1970	1971–1975	1976–1980	1976	1977	1978	1979	1980	1981	1982	1983
Patent applications filed	463.2	504.6	541.4	550.1	110.0	109.0	109.3	108.9	113.0	114.5	118.4	112.4
Inventions	436.1	476.2	510.4	509.0	102.3	100.9	100.9	100.5	104.3	106.4	109.6	103.7
Designs	25.3	26.3	28.6	37.2	7.1	7.3	7.5	7.5	7.8	7.4	8.2	8.1
Botanical plants	.6	.6	.7	1.0	.2	.2	.2	.2	.2	.2	.2	.3
Reissues	1.2	1.5	1.7	2.9	.4	.6	.7	.6	.6	.5	.4	.3
Patents issued	275.4	342.9	396.7	334.3	75.4	69.8	70.5	52.4	66.2	71.0	63.3	62.0
Inventions	260.0	325.1	375.5	312.3	70.2	65.3	66.1	48.9	61.8	65.8	57.9	56.8
Individuals	69.9	73.4	87.0	65.0	14.1	14.0	14.3	9.3	13.3	14.1	11.9	10.5
Corporations: U.S	152.5	190.6	192.9	150.4	34.4	31.5	31.3	23.8	29.4	29.5	25.8	25.7
Foreign [1]	31.0	52.8	86.0	90.4	19.9	18.2	19.3	14.8	18.2	21.0	19.2	19.6
U.S. Government	6.5	8.4	9.6	6.5	1.8	1.5	1.2	.9	1.0	1.1	1.0	1.0
Designs	13.9	16.3	18.7	19.4	4.6	3.9	3.9	3.1	3.9	4.7	4.9	4.6
Botanical plants	.6	.4	.8	.8	.2	.2	.2	.1	.1	.2	.2	.2
Reissues	1.0	1.1	1.6	1.8	.4	.4	.4	.3	.3	.4	.3	.4
Published applications [2]	–	.6	.8	.5	.1	.1	.1	.1	(Z)	.1	(Z)	(Z)
Foreign country residents [3]	48.3	76.0	119.3	118.0	26.1	23.9	25.1	18.2	24.7	26.5	24.0	25.4
Certificates of trademarks issued	106.6	128.5	158.3	150.7	33.1	31.9	35.1	25.9	24.7	48.6	48.4	52.2
Trademarks	91.9	104.2	129.4	121.2	26.3	25.9	29.6	20.5	18.9	42.7	42.4	46.7
Trademark renewals	14.7	24.3	28.9	29.5	6.8	6.1	5.5	5.4	5.9	5.9	6.0	5.5

– Represents zero. Z Less than 50. [1] Includes patents to foreign governments. [2] Abstracts of technical disclosure of patent published at request of applicant or owner. The current practice, called "Defensive Publications," began in Nov. 1968. [3] Includes patent inventions and a small number of patents for designs and botanical plants.

Source: U.S. Patent and Trademark Office. Fiscal-year figures are published in the *Commissioner of Patents and Trademarks Annual Report.*



Section 19

Communications

This section presents statistics on the usage, finances, and operations of the Postal Service and of the various communications media: Telephone, telegraph, radio, television, newspapers and periodicals. Expenditures data for advertising in the media are also included.

Postal Service.—The Postal Service provides mail processing and delivery services within the United States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1971, as an independent establishment of the Federal Executive Branch; it also placed restrictions on the private delivery of mail.

"Revenue and cost analysis" is the term used by the Postal Service to describe its system of attributing revenues and costs to classes of mail and service. This system draws primarily upon probability sampling techniques to develop estimates of revenues, volumes, and weights, as well as costs by class of mail and special service. The costs attributed to classes of mail and special services are primarily incremental costs which vary in response to changes in volume; they account for roughly 60 percent of the total costs of the Postal Service. The balance represents "institutional costs" which includes funds for research and development, portions of personnel and office supplies, etc. Statistics on revenues, volume of mail, and distribution of expenditures are presented in the Postal Service's annual report, *Revenue and Cost Analysis,* and its *Annual Report of the Postmaster General.*

Communication media.—The Federal Communications Commission (FCC), established in 1934, regulates wire and radio communications and licenses radio and television stations. Only the largest carriers and controlling companies file annual or monthly financial reports. Jurisdiction of the FCC applies to domestic and overseas telegraph carriers and to the Communications Satellite Corporation (Comsat), but not to a large number of telephone carriers that are engaged in intrastate service. The gross operating revenues of the telephone carriers reporting annually to the FCC, however, are estimated to cover about 90 percent of the revenues of all U.S. telephone companies.

Reports filed by the broadcasting industry cover substantially all radio and television stations operating in the United States and its outlying areas. Statistics covering the private radio services represent the largest and most diverse group of licensees regulated by the FCC. These services primarily provide two-way radio communication for emergency and business purposes in the aviation, marine, land transportation, and other industries; police, fire, and other public safety programs; and amateur and personal operations. Principal sources of wire, radio, and television data are the FCC's *Annual Report,* and its annual *Statistics of Communications Common Carriers.*

Statistics on the printed media are available from the U.S. Bureau of the Census, as well as from various private agencies. The censuses of manufactures (conducted by the Census Bureau every five years, for the years ending in "2" and "7") provide statistics on the number and circulation of newspapers and periodicals and on sales of books and pamphlets. Editor & Publisher Co., Inc., New York, presents annual data on the number and circulation of daily and Sunday newspapers in its *International Yearbook.* Monthly data on new books and new editions appear in *Publishers Weekly,* issued by R. R. Bowker Company, New York. (See table 379 for annual data).

Advertising.—The statistics on advertising expenditures are compiled primarily by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown (see tables 942–944), defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as the advertising done for companies which market their products locally and which may pay special "local" media rates. Spot advertising is considered time bought by a national advertiser on a selective market basis. Monthly index figures of advertising in certain media are also published periodically by McCann-Erickson in *Advertising Age.*

The Broadcast Advertisers Reports (see tables 946–948) distinguished between spot and local advertising primarily on the basis of the type of advertiser to whom the time is sold, rather than how and by whom it is sold. In general, time purchased on behalf of retail or service establishments in the market is considered local, even though the establishments may be part of a national or regional chain. That is, spot advertising promotes a product, while local advertising promotes a given es-

tablishment. Network advertising, mutually exclusive of spot and local, is broadcast through the network system.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 918. U.S. Postal Service—Summary: 1900 to 1983

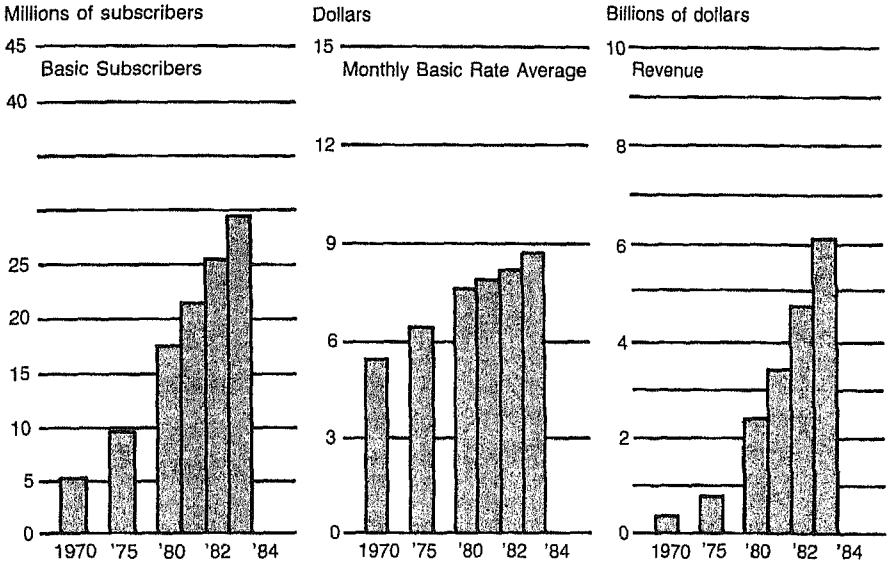
[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 537. See also *Historical Statistics, Colonial Times to 1970,* series R 163-171]

YEAR	Number of post offices	FINANCES [1]			Revenue per capita [3] (dol.)	Sales of stamps and stamped paper (mil. dol.)	Postage paid under permit and meter (mil. dol.)	Money orders issued, total (mil. dol.)	PIECES OF MAIL HANDLED (est.)			
		Revenues (mil. dol.)	Expenditures [2] (mil. dol.)	Deficit (mil. dol.)					Total [4] (bil.)	First-class [5]		Second-class [6] (bil.)
										Number (bil.)	Percent	
1900	76,688	102	108	5	1.34	94	([7])	256	7.1	(NA)	(NA)	(NA)
1910	59,580	224	230	6	2.43	202	4	638	14.9	(NA)	(NA)	(NA)
1920	*52,641*	*437*	*454*	*17*	*4.11*	*360*	*13*	*1,356*	(NA)	(NA)	(NA)	(NA)
1930	49,063	705	804	98	5.75	575	74	1,767	27.9	16.9	60.6	5.0
1940	44,024	767	808	41	5.84	522	177	2,108	27.7	15.2	54.9	4.8
1950	41,464	1,677	2,223	545	11.14	862	678	[8] 5,138	45.1	24.5	54.3	6.3
1955	38,316	2,349	2,712	363	14.33	999	1,136	5,883	55.2	28.7	52.0	6.7
1960	35,238	3,277	3,874	597	18.27	1,245	1,699	5,058	63.7	33.2	52.1	7.5
1965	33,624	4,483	5,276	793	23.17	1,528	2,529	4,540	71.9	38.1	53.0	8.6
1970	32,002	7,702	7,867	165	31.05	1,936	3,883	4,709	84.9	48.6	57.2	9.4
1971	31,947	8,751	8,955	204	32.24	1,999	4,126	4,728	87.0	50.0	57.5	9.6
1972	31,686	9,347	9,522	175	37.89	2,371	4,861	4,731	87.2	48.9	56.1	9.5
1973	31,385	9,913	9,926	13	39.77	2,399	5,141	4,700	89.7	51.0	56.9	9.0
1974	31,000	10,857	11,295	438	42.85	2,504	5,623	5,194	90.1	51.6	57.3	8.8
1975	30,754	11,590	12,578	988	47.08	2,819	6,241	5,856	89.3	51.4	57.6	9.1
1976	30,521	12,747	13,923	1,176	52.21	3,155	6,883	6,243	89.8	52.1	58.0	8.9
1976, TQ [9]	30,521	3,402	3,387	[10] 15	14.11	815	1,895	1,639	21.5	12.5	58.1	2.1
1977	30,521	14,622	15,310	688	60.18	3,658	7,951	5,636	92.2	63.7	58.2	8.7
1978	30,518	15,841	16,220	379	64.91	3,943	8,668	5,587	98.9	56.0	57.8	8.7
1979	30,449	17,999	17,529	[10] 470	73.37	4,382	10,062	5,631	99.8	58.0	58.1	8.4
1980	30,326	19,106	19,412	306	77.32	4,287	10,828	6,112	106.3	60.3	56.7	8.4
1981	30,242	20,781	21,369	588	83.62	4,625	11,891	6,692	110.1	61.5	55.8	10.0
1982	30,155	23,628	22,826	[10] 802	97.83	5,559	13,984	6,920	114.0	62.3	54.5	9.5
1983	29,990	24,699	24,083	[10] 616	101.08	5,709	14,755	7,355	119.4	64.3	53.8	9.2

NA Not available. [1] After allowance for reimbursements, embossed envelope purchases, indemnity claims, and *miscellaneous revenue and expenditure offsets. Through 1950, includes* some payments and receipts applicable to services in prior years; beginning 1955, expenditures are shown in year in which obligation was *incurred, and revenues* in year which gave rise to the earnings, whether collected or accrued. In 1954, the Postal Service began receiving reimbursement for penalty and franked mail, *and discontinued payment of subsidies to airlines. Revenues for 1960 include* $37.4 million reimbursement from the Treasury General Fund for statutory public services. These and other changes *affect comparability* of figures. See also footnote 3, table 919. [2] Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provision for *depreciation. Also includes costs of certain services rendered to other agencies* without reimbursement but excludes costs of certain services rendered to the Postal Service by other agencies. *Beginning 1955,* represents obligations incurred; beginning 1965, represents accrued expenses, including depreciation on fixed assets, reimbursable work for others, and expenses paid by certain *other agencies without reimbursement by the Postal Service.* [3] *Operating revenue only;* based on Bureau of the Census estimated total population as of Jan. 1, including Armed Forces *abroad.* [4] *Includes* other classes of mail not shown separately. See table 921. [5] Items mailed at 1st-class rates and weighing 12 ounces or less. Beginning 1977, includes air mail which was *discontinued as a separate class of mail. Includes items wholly or partially in writing or typewriting,* cards or bills and statements of account, items closed against postal inspection, etc. [6] *Includes mail* paid at other than bulk rates. [7] Service not inaugurated. [8] Includes postal notes issued under act of Congress. [9] Transition quarter, July-Sept. [10] Net income.

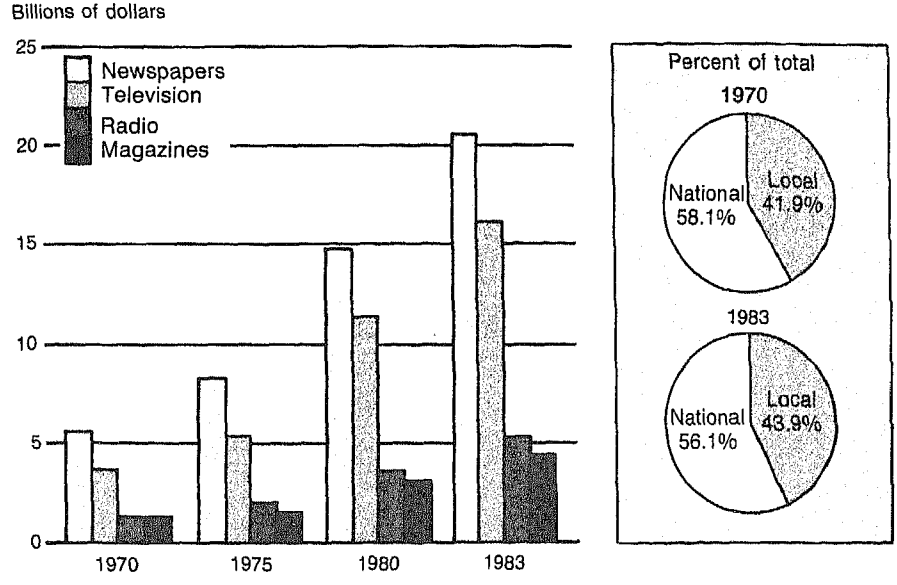
Source: U.S. Postal Service, Annual Report of the Postmaster General.

Figure 19.1
Cable TV — Average Subscribers, Average Monthly Rate and Revenue: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 933.

Figure 19.2
Advertising Expenditures by Selected Media: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 944.

No. 919. U.S. Postal Service Revenues: 1960 to 1983

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 537]

ITEM	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total revenue [1]	[2] 3,277	7,702	11,590	12,747	14,622	15,841	17,999	19,106	20,781	23,628	24,699
SOURCE											
Operating postal revenue [3]	3,270	6,347	10,015	11,199	12,998	14,133	16,106	17,143	19,133	22,600	23,582
Stamps, postal cards, etc	1,245	1,936	2,819	3,155	3,658	3,943	4,382	4,287	4,625	5,559	5,709
Second-class postage paid in money (pound rates) [4]	86	192	284	319	427	551	755	881	911	996	991
Other postage paid under permit and meter	1,699	3,883	6,241	6,883	7,951	8,668	10,062	10,828	11,891	13,984	14,755
Box rents	29	44	67	103	109	124	153	160	168	168	202
Miscellaneous	[5] 147	236	556	675	748	758	663	892	1,427	1,771	1,801
Money-order revenues	64	*56*	*53*	*63*	*105*	*89*	*91*	*95*	*111*	*122*	*124*
Government appropriations	–	1,355	1,533	1,645	1,712	1,722	1,720	1,610	1,275	707	789
Percent of total revenue	–	17.6	13.2	12.9	11.7	10.9	9.6	8.4	6.1	3.0	3.2
Investment income, net	–	–	37	[6] –97	[6] –88	[6] –14	173	353	373	321	328
MAIL AND SERVICE											
First-class mail [7]	1,510	3,291	5,798	6,734	7,831	8,575	9,733	10,146	11,457	13,747	14,255
Priority mail [8]	–	282	411	411	468	497	561	612	758	823	849
Second-class publishers' mail [9]	81	*155*	*236*	*267*	*363*	*472*	*644*	*618*	[10] 885	[10] 961	[10] 958
Controlled circulation publication [11]	8	*35*	41	41	53	67	95	246	(10)	(10)	(10)
Third-class mail [12]	441	827	1,348	1,522	1,748	1,987	2,216	2,412	2,643	3,303	3,677
Bulk rate	(NA)	(NA)	1,167	1,317	1,508	1,745	1,967	2,168	2,405	3,092	3,482
Single piece rate and fees	(NA)	(NA)	181	205	240	242	249	244	238	211	195
Fourth-class mail [13]	607	778	718	680	769	673	747	805	786	788	763
Zone rate mail (parcels, catalogs, etc.)	(NA)	(NA)	577	508	594	460	484	500	499	507	500
Special fourth-class rate	(NA)	(NA)	130	160	148	187	237	272	251	237	206
Library rate and fees	(NA)	(NA)	11	12	28	*27*	27	33	36	44	47
Government mail [14]	86	*199*	484	577	611	626	678	745	761	918	913
International mail [15]	102	270	390	447	493	499	550	596	735	882	874
Special services	184	236	251	257	417	439	506	518	823	829	866
Other [16]	*258*	1,629	1,913	1,811	1,869	2,005	2,269	2,404	1,933	1,933	1,554

– *Represents* zero. NA Not available. [1] *Net revenue after refunds of postage. Beginning 1970, includes operating* reimbursements. [2] Includes small amounts for Postal Savings System. [3] The U.S. Postal Service was established July 1, 1971. Revenues prior to that date are those of the Post Office Department. Revenues for 1970 have been restated to be *consistent with subsequent years. See also footnote 1, table 918.*

[4] Includes controlled circulation publications. [5] Includes $37.4 *million appropriated* to postal revenues for public services as provided by the Postal Policy Act of 1958. [6] Interest expense on loans exceeded interest income received from investments. [7] *See footnote 5, table 918.* [8] *Items otherwise qualified as 1st-class or airmail that exceed 12 ounces and 8 ounces,* respectively. [9] Includes mail paid at other than bulk rates. *Publishers' mail* includes printed publications periodically issued and mailed at a known post office to paid subscribers. These include regular rate newspapers and magazines, and classroom and *nonprofit rate publications. Outside-the-county publications are those mailed to destinations outside the county of publication.*

[10] Controlled circulation discontinued *March 22, 1982. Beginning* 1981, statistics are included in second-class. [11] Discontinued in 1981. Publications of at least 24 pages and containing at least 25 percent nonadvertising content issued quarterly or more *frequently for mainly free distribution. Includes certain trade publications and "shopper" guides.* [12] *Items less than 16 ounces in* weight not mailed at either 1st- or 2d-class rates. [13] *Items not* mailed at 1st-, 2d-, or 3d-class rates, except government and international mail. May include parcel post, catalogs weighing 16 ounces or more, books, films, and records. [14] Penalty and *franked mail.* [15] *Mail from U.S. to foreign countries* paid at *international mail rates.* [16] *Consists of unassignable revenues;* includes domestic airmail until 1976, and express *mail and mailgrams* beginning 1977.

No. 920. U.S. Postal Service Employees, by Type: 1960 to 1983

[**In thousands, except as indicated.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes Puerto Rico, and all outlying areas except Canal Zone. *See Historical Statistics, Colonial Times to 1970,* series R 187, for total employees]

ITEM	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total employees	563	741	702	655	656	663	667	670	675	679
Regular	409	549	559	528	526	534	536	544	547	547
Postmasters	35	30	30	29	28	28	29	29	29	28
Office supervisors and tech. personnel	27	37	37	36	37	36	36	37	38	39
Office clerks and mail handlers [1]	17	243	239	228	226	230	229	232	232	229
City carriers and vehicle drivers	110	165	167	157	156	160	160	164	165	166
Rural carriers	31	31	31	31	31	32	33	33	34	34
Other	34	42	55	47	47	48	49	49	49	51
Substitute (part-time)	154	193	143	127	130	129	130	126	128	132
Compensation and employee benefits (mil. dol.)	2,953	6,462	10,805	13,124	14,031	15,162	16,541	18,018	19,094	20,070
Avg. salary per employee, (dol.) [2]	5,245	8,721	15,392	20,037	21,389	22,869	24,799	26,893	28,283	29,565
Pieces of mail per employee, average	113	115	127	141	148	151	159	164	169	176

[1] Includes mobile unit employees. [2] Includes fringe benefits.

Source of tables 919 and 920: U.S. Postal Service, *Annual Report of the Postmaster General.*

No. 921. U.S. Postal Service—Volume of Mail, by Class: 1970 to 1983

[**In millions, except per capita.** For years ending **June 30** except, beginning **1980**, ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. For definition of classes of mail, see footnotes, table 919. See also *Historical Statistics, Colonial Times to 1970*, series R 172-186]

CLASS OF MAIL	PIECES OF MAIL					WEIGHT OF MAIL (lb.)				
	1970	1975	1980	1982	1983	1970	1975	1980	1982	1983
Total	**84,882**	**89,266**	**106,311**	**114,049**	**119,381**	**13,281**	**12,025**	**12,958**	**13,944**	**14,644**
Domestic	83,986	88,334	105,348	113,122	118,477	13,055	11,824	12,742	13,713	14,414
1st class and airmail [1]	50,174	52,482	60,332	62,271	64,320	1,636	1,746	2,213	2,345	2,451
Priority mail	185	207	248	259	271	371	440	591	582	588
2d class	9,352	9,085	8,446	[2] 9,527	[2] 9,220	3,417	2,792	2,550	[2] 3,482	[2] 3,526
3d class	19,974	21,867	30,381	36,719	40,735	2,032	2,283	3,240	4,296	5,062
4th class	977	601	633	597	568	4,786	3,754	2,661	2,446	2,248
Controlled circulation publications	562	628	1,775	(2)	(2)	224	232	928	(2)	(2)
Penalty	2,544	2,928	2,992	2,946	2,775	540	527	503	513	487
Franked and free for blind	218	336	540	803	588	49	50	58	49	52
International	896	932	963	927	904	226	201	216	231	230
Per capita: [3]										
Total, all domestic mail [4]	412	415	475	490	508	64	56	57	59	62
1st class and airmail	246	247	272	270	276	8	8	10	10	11
2d class	46	43	38	41	40	17	13	12	15	15
3d class	98	103	137	159	175	10	11	15	19	22
4th class	5	4	3	3	2	23	18	12	11	10

[1] Beginning 1980, includes express mail established as a class of mail on October 9, 1977, and mailgrams. [2] Controlled circulation discontinued March 22, 1981. Beginning 1981 statistics are included in second-class. [3] Based on estimated total population as of Jan. 1, including Armed Forces abroad. [4] Includes types of mail not shown separately.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

No. 922. U.S. Postal Service Rates for Letters and Post Cards: 1958 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series R 188-191]

DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]	DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]
	Letters			Postal and post cards			Letters			Postal and post cards	
	Each ounce	First ounce	Each added ounce				Each ounce	First ounce	Each added ounce		
1958 (Aug. 1)	4¢	(X)	(X)	3¢	7¢	1975 (Sept. 14)	(X)	10¢	9¢	7¢	(X)
1963 (Jan. 7)	5¢	(X)	(X)	4¢	8¢	1975 (Dec. 31)	[2] (X)	[2] 13¢	[2] 11¢	[2] 9¢	(3)
1968 (Jan. 7)	6¢	(X)	(X)	5¢	10¢	1978 (May 29)	(X)	15¢	13¢	10¢	(4)
1971 (May 16)	8¢	(X)	(X)	6¢	11¢	1981 (Mar. 22)	(X)	18¢	17¢	12¢	(4)
1974 (Mar. 2)	10¢	(X)	(X)	8¢	13¢	1981 (Nov. 1)	(X)	20¢	17¢	13¢	(4)

X Not applicable. [1] Each ounce, except as noted. [2] As of October 11, 1975, surface mail service upgraded to level of airmail. [3] 17¢ for first ounce; 15¢ for each added ounce. [4] As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

Source: U.S. Postal Service, "United States Domestic Postage Rates: Recent History," and unpublished data.

No. 923. International Air Mail Rates From the U.S.: 1961 to 1981

[Excludes Canada and Mexico]

DATE OF RATE CHANGE	ZONE 1 [1]		ZONE 2 [2]		ZONE 3 [3]		Post cards	Aerogrammes
	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce		
July 1, 1961	.13	.13	.15	.15	.25	.25	.11	.11
May 1, 1967	.15	.15	.20	.20	.25	.25	.13	.13
July 1, 1971	.17	.17	.21	.21	.21	.21	.13	.13
Mar. 2, 1974	.21	.17	.26	.21	.26	.21	.18	.18
Jan. 3, 1976	.25	.21	.31	.26	.31	.26	.21	.22
Jan. 1, 1981	.35	[4] .30	.40	[5] .35	.40	[5] .35	.28	.30

[1] Caribbean, Central and South America. The airmail letter rate to South America, 1961 to 1967, was the same as that to Europe. Beginning January 3, 1976, the airmail letter rate to all South American countries except Colombia and Venezuela is the same as Europe; Colombia and Venezuela are included in the first zone. [2] Europe and Mediterranean Africa. [3] Rest of world.

[4] Up to 32 oz.; 30 cents per additional ounce over 32. [5] Up to 32 oz.; 35 cents per additional ounce over 32.

Source: U.S. Postal Service, unpublished data.

No. 924. Utilization of Selected Media: 1950 to 1984

ITEM	Unit	1950	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Households with —												
Telephone service [1]	Percent	62	79	85	91	93	96	96	97	(NA)	(NA)	(NA)
Radio sets [2]	Percent	92.6	96.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
Average number of sets	Number	2.1	3.7	4.1	5.1	5.6	5.7	5.5	5.5	5.5	5.5	5.5
Television sets [3]	Percent	9	87	93	95	97	98	98	98	98	98	98
Color set households	Millions	–	.3	2.8	20.9	46.9	60.3	63.4	68.1	71.4	73.9	75.8
Average viewing per day [4]	Hours	4.6	5.1	5.5	5.9	6.1	6.5	6.6	6.8	6.8	7.0	(NA)
Average number of sets [5]	Number	1.01	1.13	1.22	1.39	1.54	1.67	1.68	1.70	1.75	1.79	1.78
Commercial radio stations: [2]												
AM	Number	(NA)	(NA)	[6] 4,169	4,323	4,463	4,559	4,589	4,634	4,668	4,733	[7] 4,749
FM	Number	(NA)	(NA)	[6] 1,780	2,196	2,767	3,155	3,282	3,349	3,380	3,527	[7] 3,610
Television stations: [8] Total	Number	98	559	668	862	953	998	1,011	1,038	1,065	1,106	1,138
Commercial	Number	(NA)	515	569	677	706	724	734	756	777	813	841
Cable television: [8]												
Systems	Number	[9] 70	640	1,325	2,490	3,506	4,150	4,225	4,375	4,825	5,600	6,200
Subscribers served	Millions	[9] .01	.65	1.3	4.5	9.8	14.1	15.5	18.3	21.0	25.0	30.0
Daily newspaper circulation: [10]												
Number	Millions	53.8	58.9	60.4	62.1	60.7	62.2	62.2	61.4	62.5	62.6	(NA)
Per capita [11]	Number	.354	.327	.312	.305	.262	.277	.275	.268	.270	.268	(NA)

– *Represents zero.* NA Not available. [1] As of Dec. 31, Source: American Telephone and Telegraph Company, New York, NY, unpublished data. [2] As of Dec. 31, except as noted. Source: Radio Advertising Bureau, New York, NY, *Radio Facts*, annual (copyright). Number of stations on the air compiled from Federal Communications Commission reports. [3] Except as noted, 1970–1979, as of Sept. of prior year; all other years as of Jan. of year shown. Source: Except as noted, 1950–1965, National Broadcasting Company, New York, NY, thereafter, A.C. Nielsen Company, Northbrook, IL (copyright). [4] Calendar year data. Source: A.C Nielsen Company, Northbrook, IL (copyright). [5] 1970 and 1975, as of Sept; all other years, as of Jan. Excludes Alaska and Hawaii. Source: Television Bureau of Advertising, Inc. New York, NY, "Trends in Television 1950 to Date", *March 1984.* [6] 1967 data. [7] As of June. [8] As of Jan. 1. Source: Television Digest, Inc., Washington, DC, *Television and Cable Factbook*, annual (copyright). Number of television stations on the air. [9] Data for 1952. [10] As of Sept. 30, except 1950–1965, as of Oct. 1. Source: Editor & Publisher, Inc., New York, NY, *Editor & Publisher International Yearbook*, annual (copyright). [11] Per capita based on total resident population enumerated as of April 1, 1970 and 1980, and estimated as of July 1 for other years.

Source: Compiled from sources listed in footnotes.

No. 925. Telephone and Telegraph Systems: 1950 to 1982

[Covers principal carriers filing annual reports with Federal Communications Commission. See Historical Statistics, Colonial Times to 1970, series R 46–70 and R 75–88, for data on telegraph systems]

ITEM	Unit	1950	1960	1965	1970	1975	1978	1979	1980	1981	1982
Domestic telephone: [1]											
Carriers	Number	71	52	54	56	62	63	61	59	60	61
Telephones [2]	Million	39	66	82	105	130	148	153	157	158	151
Miles of wire	Million	147	316	436	628	872	1,022	1,081	1,131	1,188	1,223
Gross book cost of plant	Bil. dol.	10.7	25.7	38.0	59.9	95.5	123.6	134.9	147.4	161.5	174.0
Depreciation reserves [3]	Bil. dol.	3.0	5.8	8.1	13.2	18.8	23.5	24.9	26.5	30.0	34.0
Ratio to book cost	Percent	27.8	21.7	21.4	22.1	19.7	19.0	18.5	18.0	18.6	19.6
Capital stock	Bil. dol.	3.2	8.4	10.0	10.8	12.4	14.8	15.5	16.3	17.5	18.6
Operating revenues	Bil. dol.	3.4	8.4	11.8	18.2	31.3	45.2	49.8	55.6	63.7	70.7
Operating expenses [4]	Bil. dol.	2.5	5.0	7.1	11.7	20.2	29.1	33.0	37.3	42.8	49.1
Net operating income [5]	Bil. dol.	.5	1.4	2.1	3.1	5.6	8.1	8.9	10.0	11.4	11.4
Net income	Bil. dol.	.4	1.3	1.9	2.3	3.6	5.9	6.0	6.6	7.5	7.3
Employees	1,000	565	627	655	839	840	894	928	938	945	909
Compensation of employees	Bil. dol.	1.8	3.4	4.3	7.0	11.7	16.2	18.4	20.2	22.2	24.8
Overseas telephone:											
Number of overseas calls	Million	.7	3.3	7.5	23.4	62.2	133.9	168.3	199.6	265.5	310.8
Revenue from overseas calls	Mil. dol.	9	16	101	252	562	963	1,106	1,535	1,654	1,461
Ocean cable systems	Number	1	5	11	13	14	15	15	16	17	16
Communications satellites [6]	Number	–	–	1	4	5	5	5	5	5	6
Domestic telegraph:											
Carriers	Number	1	1	1	1	1	1	1	1	1	1
Revenue messages transmitted	Million	179	124	94	70	42	50	55	55	56	50
Message revenues [7]	Mil. dol.	152	190	192	234	197	238	271	296	320	320
Total operating revenues	Mil. dol.	178	262	306	402	505	576	636	697	779	809
Operating revenue deductions	Mil. dol.	167	247	282	368	435	492	561	603	669	726
Operating income [8]	Mil. dol.	9	11	24	34	70	84	75	94	110	84
Teletypewriter messages	Million	15	33	47	46	54	56	59	68	63	(NA)
Overseas telegraph: [9]											
Carriers	Number	11	9	6	6	6	6	7	7	7	7
Revenue messages transmitted	Million	23	28	29	32	26	22	21	20	18	15
Message revenues [7]	Mil. dol.	42	71	78	124	217	320	355	380	405	411
Total operating revenues	Mil. dol.	50	87	107	194	316	455	497	535	578	613
Operating revenue deductions	Mil. dol.	45	77	87	156	245	336	362	405	468	532
Operating income [8]	Mil. dol.	4	6	14	26	48	83	85	79	70	58
Return on investment: [10]											
Telephone	Percent	6.1	7.3	7.3	7.1	7.6	8.5	8.5	8.7	9.0	8.4
Domestic telegraph	Percent	5.1	5.0	5.6	5.0	6.1	6.6	5.5	6.6	7.4	5.3
Overseas telegraph	Percent	7.3	7.2	11.0	10.6	12.0	18.2	17.9	15.9	12.5	9.1

– Represents zero. [1] Includes Puerto Rico and, beginning 1965, Virgin Islands. Excludes intercompany duplications. Gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. [2] Includes company, service, and private. [3] Includes amortization reserves. [4] Excludes taxes. [5] After tax deductions. [6] Excludes contingency and retired satellites. [7] Includes telex service; for domestic telegraph, excludes TWX. [8] After Federal income taxes. [9] Beginning 1965, excludes South American and most Caribbean operations of All America Cables and Radio, Inc. [10] Ratio of net operating income (after taxes) to average net book cost of communications plant.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual, and unpublished data.

No. 926. Bell Telephone Companies—Summary: 1960 to 1983

[As of Dec. 31 or for calendar year, as applicable. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, plus Southern New England and Cincinnati Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1970*, series R 17-30]

ITEM	Unit	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983
Central offices [1]	1,000	11.2	15.1	17.2	17.8	18.1	18.7	19.2	19.7	20.2	20.8
Miles of—											
Wire	Million	308	602	832	910	962	1,018	1,068	1,113	1,152	1,181
Coaxial tube	1,000	97	287	333	337	331	332	334	330	308	326
Telephone grade carrier channel [2]	Million	76	414	645	715	758	854	979	1,094	1,145	(NA)
Microwave radio relay [3]	1,000	298	1,181	1,389	1,407	1,402	1,402	1,470	1,706	1,546	(NA)
Book value of plant (cost)	Bil. dol.	24.7	56.2	89.2	103.6	113.0	123.9	135.5	148.5	159.7	167.8
Depreciation reserves [4]	Bil. dol.	5.4	12.6	17.6	19.9	21.2	22.6	24.0	27.2	30.8	35.6
Operating revenues [5]	Bil. dol.	8.1	17.4	29.6	37.3	42.0	46.4	51.9	59.4	65.7	69.3
Local exchange	Bil. dol.	4.7	8.7	14.4	17.5	19.2	20.8	23.0	26.3	29.8	31.0
Toll	Bil. dol.	3.1	8.0	14.2	18.5	21.2	23.8	26.7	30.9	33.9	35.4
Operating expenses [6]	Bil. dol.	5.6	12.9	22.2	27.7	31.0	34.9	39.3	45.0	51.4	47.2
Net income	Bil. dol.	1.3	2.3	3.3	4.7	5.6	5.6	6.1	6.9	6.6	6.8
Dividends declared [7]	Bil. dol.	.8	1.5	2.2	2.9	3.3	3.8	4.0	4.5	4.9	5.8
Net income [8]	Bil. dol.	1.2	2.2	2.9	4.3	5.1	5.5	5.9	6.7	6.4	6.4
Average common equity	Bil. dol.	12.1	23.9	29.6	35.3	39.0	42.6	46.7	52.1	57.5	[9]65.3
Return to average common equity	Ratio	10.0	9.2	9.7	12.2	13.1	12.9	12.7	12.9	12.2	[9]8.6
Employees, number	1,000	595	793	799	785	823	855	868	874	840	788
Wages and salaries	Bil. dol.	3.3	6.6	11.1	13.4	15.1	17.3	19.3	21.5	23.2	23.4

NA Not available. [1] 1960 not fully comparable with later years. [2] Message circuits added to existing wire mileage, but not requiring additional wire. Also includes microwave radio. [3] Broadband, 1-way channel. [4] Includes amortization reserves. [5] Includes miscellaneous and uncollectible, not shown separately. [6] Includes operating taxes other than Federal income tax. [7] Excludes intercompany dividends. [8] Beginning 1975, applicable to ATT common (excludes preferred dividend requirement). [9] Before extraordinary charge due to divestiture.

Source: American Telephone and Telegraph Company, New York, NY, unpublished data compiled from reports of Bell System and Southern New England and Cincinnati Bell Companies.

No. 927. Independent Telephone Companies—Summary: 1960 to 1983

[As of **Dec. 31** or **calendar year**, as applicable. See also *Historical Statistics, Colonial Times to 1970*, series R 31-45]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
All companies [1]	**Number**	3,299	2,421	1,841	1,618	1,527	1,488	1,483	1,459	1,432	1,429
Telephones	1,000	11,428	15,027	20,312	26,823	31,549	33,226	34,665	35,341	(NA)	(NA)
Access lines	1,000	(NA)	(NA)	(NA)	16,855	19,246	20,078	20,808	21,429	21,672	22,331
Total telephone plant	Mil. dol.	4,019	6,826	12,390	21,200	27,788	31,644	35,300	38,298	41,500	44,500
Operating revenues	Mil. dol.	1,020	1,670	2,953	5,500	8,085	9,240	10,475	12,206	13,880	14,875
Reporting companies [2]	**Number**	550	669	684	731	761	755	765	768	754	678
Telephones	1,000	9,718	13,648	19,182	25,548	30,323	32,511	33,748	34,593	(NA)	(NA)
Access lines	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	18,576	19,412	20,561	21,146	21,077
Telephone plant in service	Mil. dol.	3,396	6,056	11,175	19,520	25,640	29,379	32,491	35,986	38,847	40,463
Depreciation reserves	Mil. dol.	600	1,168	2,203	4,120	6,083	6,980	7,820	8,905	10,220	11,553
Operating revenues	Mil. dol.	1,040	1,530	2,791	5,294	7,807	9,073	10,177	11,860	13,445	14,309
Operating expenses [3]	Mil. dol.	630	1,040	1,953	3,639	5,405	6,415	7,279	8,449	10,699	11,432
Net income	Mil. dol.	117	225	356	711	1,073	1,210	1,268	1,505	1,751	1,968
Common stock and surplus	Mil. dol.	1,111	1,894	3,733	6,181	7,751	8,719	9,623	10,641	11,396	12,060
Net income to common stock and surplus	Percent	10.5	11.9	9.5	11.5	13.8	13.9	13.2	14.2	15.4	16.3
Employees	1,000	85	101	142	152	172	187	189	192	186	175
Wages and salaries	Mil. dol.	359	537	1,001	1,737	2,579	3,015	3,373	3,775	4,069	4,223

NA Not available. [1] All telephone companies independent of Bell System. [2] Comprises only companies submitting operating information to source cited below. [3] Excludes Federal income tax.

Source: United States Telephone Association, Washington, DC, *Statistics of the Telephone Industry*, annual. (Copyright.)

No. 928. REA and Rural Telephone Bank Program—Summary: 1960 to 1983

ITEM	Unit	1960	1970	1975	1978	1979	1980	1981	1982	1983
Loans and guarantees approved, Dec. 31: [1]										
Borrowers	Number	727	862	921	966	981	990	1,010	1,029	1,037
REA amount	Mil. dol.	737	1,816	2,576	3,354	3,606	3,845	4,076	4,327	4,540
Guaranteed amount	Mil. dol.	-	-	237	392	392	418	553	626	672
Rural Telephone Bank amount	Mil. dol.	-	-	618	1,121	1,262	1,388	1,529	1,726	1,872
Route miles of line, [2] Dec. 31	1,000	287	547	653	748	772	798	805	831	860
Subscribers, Dec. 31	1,000	1,142	2,335	3,045	3,877	4,073	4,262	4,375	4,546	4,823
Telephones in service	1,000	1,280	2,989	4,355	5,925	6,335	6,770	6,953	7,147	(NA)
Total operating revenues	Mil. dol.	94	363	753	1,305	1,540	1,758	2,042	2,389	2,760
Total telephone plant	Mil. dol.	635	2,085	3,850	5,770	6,558	7,388	8,094	8,897	9,859
Employees	1,000	9.7	15.4	20.0	26.3	27.9	28.4	28.7	28.8	30.3

- Represents zero. NA Not available. [1] Cumulative net loans (cancellations deducted). [2] Line in service.

Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers*, annual.

No. 929. Broadcast and Nonbroadcast Stations Authorized and Operators Licensed, by Class: 1975 to 1983

[1975 as of June 30; thereafter, as of Sept. 30, except as indicated. Includes Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series R 140-148]

CLASS	1975	1980	1983
	STATIONS AUTHORIZED (1,000)		
Private radio services [1]	**2,602.4**	**[2] 16,357.3**	**[3] 5,861.9**
Amateur and disaster	276.8	389.9	414.2
Personal	1,530.8	14,560.2	[4] 3,834.1
Aviation	184.4	231.6	241.1
Aircraft	*154.7*	*196.8*	*204.4*
Aeronautical and fixed	7.4	9.5	10.1
Civil air patrol	19.6	21.6	22.5
Other	2.7	3.7	4.1
Industrial	244.6	504.9	677.0
Power	17.5	23.1	28.1
Business	155.2	370.4	504.9
Petroleum	11.8	17.9	22.3
Forest products	4.3	6.4	6.6
Special industrial	40.7	72.1	94.3
Other	15.1	14.7	20.8
Land transportation	22.6	28.0	35.7
Railroad	8.9	10.0	12.0
Taxicab	3.7	4.8	6.2
Interurban property	2.2	3.1	4.6
Other	7.9	9.9	12.9
Marine	250.7	398.3	461.1
Ship	243.6	386.6	447.3
Alaskan	2.1	2.6	2.7
Coastal and other	5.0	9.1	11.1
Public safety	92.6	137.1	171.2
Police	28.8	42.3	47.7
Fire	14.0	20.6	27.0
Forestry conservation	6.2	7.6	8.7
Highway maintenance	7.7	9.7	11.6
Special emergency	12.4	22.4	32.1
Other	23.5	34.2	44.1
Operational fixed services [5]	(NA)	18.0	18.6

CLASS	1975	1980	1983
	STATIONS AUTHORIZED (number)		
Mass media services [6]	**33,049**	**39,052**	**(X)**
Cable TV relay service [7]	877	1,880	1,492
Commercial AM	4,488	4,689	4,892
Commercial TV	759	844	1,089
Educational TV	256	288	306
TV translator	3,389	4,636	5,615
Auxiliary TV	3,032	5,844	[8] 7,235
Experimental TV	3	5	[8] 9
UHF signal booster	9	8	[8] 6
Aural, studio-transmitter-link, intercity relay	1,008	2,144	[8] 2,782
Commercial FM	2,847	3,390	3,915
Educational FM	850	1,156	1,285
International	4	4	[8] 12
Remote pickup	14,959	12,796	[8] 12,038
Instructional TV, fixed	187	223	[8] 310
Other	381	1,147	1,647
Common carrier services	**27,357**	**27,565**	**(X)**
Point-to-point microwave	8,133	9,164	10,064
Multipoint distribution serv	69	215	362
Local TV transmission	64	66	69
Rural radio	1,218	1,692	[8] 1,715
Developmental radio	(NA)	93	[8] 135
Public mobile [9]	17,783	11,451	[8] 15,170
International control, fixed	25	7	7
Satellite earth stations [10]	48	4,873	[8] 7,013
Satellites in orbit [10 11]	17	37	[8] 43
Other	(NA)	56	175
Experimental services	**1,349**	**1,513**	**1,413**
	RADIO OPERATORS (1,000)		
Total	**4,222**	**5,154**	**[12] 5,536**
Commercial	3,965	4,764	5,126
Amateur	257	390	412

NA Not available. X Not applicable. [1] Each license, construction permit, or combination construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile units. [2] Includes 89,096 stations for which a breakdown by class is not available. [3] Includes land mobile above 470 MHZ (8,900 in 1983) not shown separately. [4] Reflects stations authorized as of April 30, 1983. Authorizations discontinued after that date. [5] Includes microwave operations. Prior to 1980, data not separable from other class categories. [6] Stations licensed or holding construction permits. [7] Licensed and operating cable systems. [8] 1982 data. Data no longer collected. [9] Beginning 1980, station count excludes individual land mobile units, which are no longer individually licensed. [10] Includes INTELSAT, INMARSAT and domestic satellite systems. [11] Includes retired and contingency satellites. [12] As of Dec. 31.

Source: U.S. Federal Communications Commission, *Annual Report*, and unpublished data.

No. 930. Public Television Stations: 1961 to 1982

[Based on a "typical" broadcast week through 1972; calendar year data for 1974 and 1976; fiscal year data thereafter. General programing is directed at the general community. Instructional programing is directed at students in the classroom or otherwise in the general context of formal education]

ITEM	1961	1966	1968	1970	1972	1974	1976	1978	1980	1982
Stations	56	115	[1] 153	[1] 190	220	[2] 238	[3] 253	272	281	291
Total weekly broadcast hours	**2,186**	**5,688**	[1] **8,534**	[1] **12,217**	**15,587**	**18,321**	**22,096**	**26,064**	**27,643**	**30,337**
General programs	1,431	3,248	4,671	7,697	7,904	10,868	14,329	17,929	19,508	21,418
Percent of total hours	65.5	57.5	54.7	63.0	50.7	59.3	64.8	68.8	69.6	70.6
Instructional programs [4]	755	2,440	3,863	4,520	7,683	7,453	7,766	8,135	8,135	8,919
Average weekly broadcast hours per station	**39.0**	**49.5**	**56.1**	**65.3**	**70.9**	**80.7**	**90.9**	**95.8**	**99.8**	**104.3**
General programing	25.6	28.2	30.7	41.1	36.0	47.9	59.0	65.9	69.4	73.6
Instructional programing [4]	13.8	21.2	25.4	24.2	34.9	32.8	31.9	29.9	30.4	30.7

[1] 152 stations reported in 1968 and 187 in 1970; details include data for reporting stations only. [2] Includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters. [3] Includes data for 243 stations only, representing 151 primary broadcasters. [4] Beginning 1974, includes material from Children's Television Workshops.

Source: Through 1970, National Instructional Television Center, Bloomington, IN, *One Week of Educational Television, 1970* (copyright); 1972, Corporation for Public Broadcasting, *One Week of Public TV*, April 1972, and unpublished data; 1974-1982, Corporation for Public Broadcasting, *PTV Programming Content by Category Report Series*, and unpublished data.

No. 931. Public Broadcasting Systems—Income by Source: 1975 to 1983

[In millions of dollars, except as indicated. Fiscal year data for income. Beginning 1977, includes nonbroadcast income. Stations as of Dec. 31]

Number of stations and income source	1975	1977	1978	1979	1980	1981	1982	1983, prel.	Percent distribution 1975	1980	1983, prel.
Number of CPB-qualified public radio stations	169	182	199	210	217	238	255	270	(X)	(X)	(X)
Public television stations	260	274	280	281	290	293	299	300	(X)	(X)	(X)
Total income	**364.8**	**482.1**	**552.3**	**603.5**	**704.9**	**768.9**	**845.2**	**897.2**	**100.0**	**100.0**	**100.0**
Federal government	92.3	135.3	160.8	163.2	192.5	193.7	197.6	163.4	25.3	27.3	18.2
State and local government [1]	156.6	191.3	218.2	245.5	271.6	277.5	301.0	314.9	42.9	38.5	35.1
Subscribers and auction/marathon	42.3	63.7	75.2	86.1	102.3	130.8	162.5	196.1	11.6	14.5	21.9
Business and industry	25.1	40.0	49.0	57.9	72.4	86.8	100.5	120.8	6.9	10.3	13.5
Foundation	26.7	22.6	17.2	20.4	23.5	19.3	22.1	24.8	7.9	3.3	2.8
Other	19.8	29.2	31.9	30.4	42.6	60.8	61.5	77.3	5.4	6.0	8.6

X Not applicable. [1] Includes income received from State colleges and universities, and, beginning 1979 from other tax supported colleges and universities.

Source: Corporation for Public Broadcasting, Washington, DC, *Public Broadcasting Income, Fiscal Year, 1983,* and unpublished data.

No. 932. Cable Television—Systems and Subscribers: 1952 to 1984

[Subscribers in thousands, except percent]

Year (As of Jan. 1)	Systems	Subscribers	Year (As of Jan. 1)	Systems	Subscribers	Subscriber size-group [1]	Number of—[2] Systems	Number of—[2] Subscribers	Percent of—[3] Systems	Percent of—[3] Subscribers
1952	70	14	1974	3,158	8,700	50,000 and over	72	5,872	1.12	19.64
1955	400	150	1975	3,506	9,800	20,000-49,999	271	8,207	4.23	27.46
1960	640	650	1976	3,681	10,800	10,000-19,999	412	5,771	6.44	19.31
1965	1,325	1,275	1977	3,832	11,900	5,000-9,999	578	4,075	9.04	13.63
1967	1,770	2,100	1978	3,875	13,000	3,500-4,999	382	1,622	5.97	5.43
1968	2,000	2,800	1979	4,150	14,100	1,000-3,499	1,634	3,135	25.53	10.49
1969	2,260	3,600	1980	4,225	16,000	500-999	1,024	737	16.00	2.47
1970	2,490	4,500	1981	4,375	18,300	250-499	966	351	15.09	1.17
1971	2,639	5,300	1982	4,825	21,000	Less than 250	823	120	12.86	.40
1972	2,841	6,000	1983	5,600	25,000					
1973	2,991	7,300	1984	6,200	30,000					

[1] Excludes 238 systems not available by subscriber size-group. [2] As of March 1, 1984.

Source: Television Digest, Inc., Washington, DC, *Television & Cable Factbook,* annual. (Copyright.)

No. 933. Cable and Pay TV—Summary, 1955 to 1983, and Projections, 1985 and 1990

[Cable TV for calendar year. Pay TV as of Dec. 31 of year shown]

Year	Cable TV: Avg. basic subscribers (1,000)	Cable TV: Avg. monthly basic rate (dol.)	Cable TV: Revenue [1] (mil. dol.) Total	Cable TV: Revenue [1] (mil. dol.) Basic	Pay TV: Units [2] (1,000) Total	Pay TV: Units [2] (1,000) Pay cable	Pay TV: Monthly rate (dol.) Total	Pay TV: Monthly rate (dol.) Pay-cable	Pay cable units per 1,000 Home passed	Pay cable units per 1,000 Basic cable subscribers
1955	250	5.00	20	20	(X)	(X)	(X)	(X)	(X)	(X)
1960	750	5.00	50	50	(X)	(X)	(X)	(X)	(X)	(X)
1965	1,500	5.00	95	95	(X)	(X)	(X)	(X)	(X)	(X)
1970	5,100	5.50	345	345	(X)	(X)	(X)	(X)	(X)	(X)
1975	9,800	6.50	804	774	469	469	(X)	7.85	111	236
1976	11,000	6.75	972	901	1,021	978	(NA)	7.87	106	223
1977	12,200	7.00	1,163	1,034	1,733	1,642	8.12	7.92	122	253
1978	13,400	7.25	1,424	1,176	3,580	3,289	8.62	8.09	179	350
1979	15,000	7.50	1,814	1,362	6,409	5,732	9.37	8.44	223	413
1980	17,500	7.75	2,436	1,647	10,389	9,144	9.78	8.80	279	506
1981	21,500	7.95	3,460	2,091	17,521	15,450	10.13	9.02	376	688
1982	25,400	8.25	4,705	2,564	23,179	20,791	10.32	9.56	462	765
1983	29,450	8.74	6,042	3,144	27,386	26,418	10.92	10.57	473	843
1985, proj	39,500	9.28	9,747	4,322	39,500	39,000	11.00	10.75	590	980
1990, proj	55,000	11.29	19,000	7,562	(NA)	80,000	12.50	12.50	981	1,450

NA Not available. X Not applicable. [1] Includes installation revenue. [2] Individual program services sold to subscribers.

Source: Paul Kagan Associates, Inc., Carmel, CA, *The Cable TV Financial Databook,* annual. (Copyright.)

No. 934. Radio and Television Stations Owned by Newspapers and/or Magazines: 1961 to 1983

DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV
1961, Sept. 1	412	147	161	1972, Dec. 1	325	171	178	1978, Dec. 1	319	252	221
1965, Oct. 31	391	170	174	1973, Dec. 1	304	211	179	1979, Dec. 1	318	257	226
1968, Dec. 4	381	191	183	1974, Dec. 1	321	236	193	1980, Dec. 1	315	264	230
1969, Dec. 1	394	245	189	1975, Dec. 1	320	238	197	1981, Dec. 1	311	277	246
1971, Feb. 1	402	248	191	1976, Dec. 1	322	238	209	1982, Dec. 1	300	263	251
1971, Dec. 1	318	209	176	1977, Dec. 1	314	238	211	1983, Dec. 1	288	257	248

Source: Broadcasting Publications Inc., Washington, DC, *Broadcasting Cablecasting Yearbook.* (Copyright.)

No. 935. Radios and Television Sets—Production and Imports, by Type: 1965 to 1983

[In thousands, except percent]

TYPE	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
RADIOS [1]												
Total	**41,726**	**44,427**	**43,992**	**34,515**	**44,101**	**52,926**	**48,035**	**40,029**	**39,574**	**44,359**	**44,068**	**48,535**
Percent FM/AM-FM	15.2	48.0	59.4	65.0	59.6	65.9	66.7	68.6	77.9	78.8	83.6	86.2
Table model	4,370	5,714	2,764	2,253	2,876	1,990	1,805	1,250	938	1,067	794	809
Percent FM/AM-FM	32.0	72.8	81.7	80.6	66.4	54.5	61.3	72.5	59.3	58.0	57.1	54.4
Clock model	5,448	4,874	9,174	6,641	7,353	11,447	11,488	9,354	9,445	9,782	8,433	12,120
Percent FM/AM-FM	16.0	53.8	79.1	89.1	85.8	89.4	92.3	93.4	97.6	97.9	98.3	98.4
Portable model	21,871	23,461	21,292	16,382	21,427	26,599	22,074	17,044	17,721	20,627	22,555	23,525
Percent FM/AM-FM	15.7	55.9	61.9	68.4	55.4	61.4	59.0	63.7	68.6	70.2	78.5	80.4
Auto model	10,037	10,378	10,762	9,239	12,445	12,890	12,668	12,381	11,470	12,883	12,306	12,081
Percent FM/AM-FM	6.3	13.8	31.8	37.7	49.7	56.0	57.7	56.1	77.5	79.8	84.7	87.5
TELEVISION SETS [2]												
Total	**11,026**	**9,483**	**15,279**	**10,637**	**14,131**	**15,431**	**17,407**	**16,619**	**18,532**	**18,479**	**16,406**	**19,681**
Monochrome sets	**[3] 8,382**	**4,852**	**6,868**	**4,418**	**5,937**	**6,090**	**6,733**	**6,576**	**6,729**	**6,056**	**4,922**	**5,647**
Table and portable	6,956	4,463	6,732	4,354	5,863	6,033	6,706	6,559	6,714	6,056	4,922	5,647
Console	1,318	389	136	64	74	57	27	17	15	[3]	[3]	[3]
Color sets [4]	**2,646**	**4,631**	**8,411**	**6,219**	**8,194**	**9,341**	**10,674**	**10,043**	**11,803**	**12,423**	**11,484**	**14,034**
Table and portable	(NA)	2,495	5,698	4,186	5,785	6,722	7,913	7,727	9,373	9,851	9,102	11,221
Console	(NA)	2,018	2,674	2,008	2,377	2,591	2,739	2,295	2,430	2,572	2,382	2,813

NA Not available. [1] Products of U.S. manufacturers and imports by distributors or dealers for resale. Beginning 1974, also includes products purchased by U.S. manufacturers. [2] Products produced or purchased by U.S. manufacturers for sale with their brand name. Beginning 1974, also includes products imported directly by distributors or dealers for resale. [3] For 1965, includes combinations; beginning 1981, consoles included in table and portable. [4] 1965–1979 total includes combinations; beginning 1980, included with consoles.

Sources: Electronic Industries Association, Washington, DC, *Electronic Market Data Book,* annual. (Copyright.)

No. 936. Publishing Industry—Summary: 1972 to 1982

[In millions of dollars, except as noted. Based on the censuses of manufactures; for details, see Appendix III]

ITEM	NEWSPAPERS			PERIODICALS			BOOKS		
	1972	1977	1982, prel.	1972	1977	1982, prel	1972	1977	1982, prel.
Establishments, number	8,116	8,867	8,847	2,534	2,994	3,334	1,205	1,744	2,128
With 20 or more employees	2,119	2,147	2,555	452	525	695	307	346	417
Employees [1] (1,000)	349	350	404	67	70	95	57	60	67
Payroll	3,168	4,306	6,555	709	1,020	1,994	558	830	1,328
Value of receipts	8,263	13,056	21,286	3,511	6,057	11,525	2,857	4,794	7,723
Cost of materials	2,044	3,539	6,007	1,404	2,289	4,571	960	1,544	2,440
Value added by manufacture [2]	6,220	9,519	(NA)	2,110	3,763	(NA)	1,936	3,262	(NA)
New capital expenditures	360	478	1,029	57	79	211	48	80	174
Fixed assets, gross value	3,639	5,026	(NA)	588	725	(NA)	512	680	(NA)
Inventories, yearend	153	382	(NA)	197	350	(NA)	629	992	(NA)

NA Not Available. [1] Represents the average number of production workers plus the number of other employees in mid-March. [2] Derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments. This result is then adjusted by the addition of value added by merchandising operations, plus the net change in finished goods and work-in-process inventories between the beginning and the end of the year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977,* Industry Reports, series MC 77-I-27A, and *Census of Manufactures, 1982,* Preliminary Industry Reports, series MC82-I-27A(P).

No. 937. Newspapers and Periodicals: 1950 to 1984

[Prior to 1960, excludes Alaska and Hawaii. Data refer to year of compilation of the Directory cited as the source, i.e., generally to year preceding year shown. See also *Historical Statistics, Colonial Times to 1970*, series R 232-243]

ITEM	1950	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Newspapers [1]	**12,115**	**11,315**	**11,383**	**11,383**	**11,400**	**9,827**	**9,620**	**9,676**	**9,183**	**9,205**	**9,151**
Semiweekly	337	324	357	423	506	543	537	508	498	508	525
Weekly	9,794	8,979	8,989	8,903	8,824	7,357	7,159	7,238	6,806	6,855	6,798
Daily	1,894	1,854	1,843	1,838	1,819	1,744	1,744	1,747	1,740	1,735	1,734
Periodicals [1]	**6,960**	**8,422**	**8,990**	**9,573**	**9,657**	**9,719**	**10,236**	**10,873**	**10,688**	**10,952**	**10,809**
Weekly	1,443	1,580	1,716	1,856	1,918	1,764	1,716	1,921	1,672	1,626	1,376
Semimonthly [2]	416	527	550	589	537	594	645	667	689	724	658
Monthly	3,694	4,113	4,195	4,314	4,087	3,850	3,985	4,199	4,078	4,108	4,096
Bimonthly	436	743	876	957	1,009	1,043	1,114	1,193	1,237	1,307	1,348
Quarterly	604	895	1,030	1,108	1,093	1,261	1,444	1,484	1,554	1,627	1,711

[1] Includes other not shown separately. [2] Includes fortnightly (every two weeks).

Source: IMS Press, Fort Washington, PA, *The IMS '84 Ayer Directory of Publications*, annual. (Copyright.)

No. 938. Number and Circulation of Daily and Sunday Newspapers: 1950 to 1983

[Prior to 1960, excludes Alaska and Hawaii. Number of newspapers as of the following dates: **1950** and **1960, Oct. 1; 1965, Jan. 1; 1970-1983, Feb. 1** of the following year, except **1977,** as of **Mar. 30** the following year. Circulation figures as of **Sept. 30,** except **1950-1965** as of **Oct. 1.** For English language newspapers only. See *Historical Statistics, Colonial Times to 1970*, series R 224-231]

ITEM	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
NUMBER OF NEWSPAPERS												
Daily: Total [1]	1,772	1,763	1,751	1,748	1,756	1,753	1,756	1,763	1,745	1,730	1,711	1,701
Morning	322	312	320	334	339	352	355	382	387	408	434	446
Evening	1,450	1,459	1,444	1,429	1,436	1,435	1,419	1,405	1,388	1,352	1,310	1,284
Sunday	549	563	562	586	639	668	696	720	736	755	768	772
CIRCULATION (mil.)												
Daily: Total [1]	53.8	58.9	60.4	62.1	60.7	61.5	62.0	62.2	62.2	61.4	62.5	62.6
Morning	21.3	24.0	24.1	25.9	25.5	26.7	27.7	28.6	29.4	30.6	33.2	33.8
Evening	32.6	34.9	36.3	36.2	35.2	34.8	34.3	33.6	32.8	30.9	29.3	28.8
Sunday	46.6	47.7	48.6	49.2	51.1	52.4	54.0	54.4	54.7	55.2	56.3	56.7

[1] Beginning 1960, all-day newspapers are counted in both morning and evening columns but only once in total. Circulation is divided equally between morning and evening.

Source: Editor & Publisher Co. Inc., New York, NY, *Editor & Publisher International Yearbook*, annual. (Copyright.)

No. 939. Number and Circulation of Daily Newspapers, by Population-Size Class of City: 1960 to 1983

[Number of newspapers for **1960** as of **Oct. 1;** thereafter, as of **February** 1 of the following year. Circulation as of **Sept. 30,** except **1960** as of **Oct. 1.** For English language newspapers only. See table 25 for number of cities by population size]

TYPE OF DAILY AND POPULATION-SIZE CLASS	NUMBER [1]						NET PAID CIRCULATION [1] (1,000)					
	1960	1970	1975	1980	1982	1983	1960	1970	1975	1980	1982	1983
Morning dailies, total	**312**	**334**	**339**	**387**	**434**	**446**	**24,059**	**25,934**	**25,491**	**29,413**	**33,174**	**33,842**
In cities of:												
1,000,001 or more	16	15	14	20	21	21	7,935	7,667	7,159	8,795	9,744	9,662
500,001 to 1,000,000	22	26	25	27	24	23	4,638	5,747	5,581	5,705	5,547	5,739
100,001 to 500,000	85	91	89	99	119	117	7,613	8,169	7,836	8,996	11,255	11,386
50,001 to 100,000	64	65	69	75	81	81	2,278	2,220	2,619	2,973	3,212	3,264
25,001 to 50,000	54	59	67	64	74	72	949	1,317	1,422	1,701	1,947	1,910
Less than 25,000	71	78	75	102	115	132	646	814	874	1,243	1,468	1,879
Evening dailies, total	**1,459**	**1,429**	**1,436**	**1,388**	**1,310**	**1,284**	**34,911**	**36,231**	**35,166**	**32,788**	**29,313**	**28,802**
In cities of:												
1,000,001 or more	17	12	12	11	9	9	5,021	4,716	4,156	2,984	2,310	2,334
500,001 to 1,000,000	26	24	24	23	17	15	5,375	4,807	4,573	4,101	2,352	2,227
100,001 to 500,000	116	129	127	123	120	114	9,676	10,034	8,918	8,178	8,122	7,817
50,001 to 100,000	158	178	175	156	145	141	4,501	5,221	5,379	4,896	4,474	4,400
25,001 to 50,000	256	250	248	246	248	243	4,345	4,766	4,898	5,106	5,029	4,916
Less than 25,000	886	836	850	829	771	762	5,993	6,687	7,242	7,523	7,026	7,105

[1] All-day newspapers are counted in both morning and evening columns; circulation is divided equally between morning and evening.

Source: Editor & Publisher Co. Inc., New York, NY, *Editor & Publisher International Yearbook*, annual. (Copyright.)

NO. 940. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, BY STATES: 1983

[Number of newspapers as of **Feb. 1** of the following year. Circulation figures as of **Sept. 30.** For English language newspapers only]

STATE	DAILY			SUNDAY		STATE	DAILY			SUNDAY	
	Number	Circulation [1]		Number	Net paid circulation (1,000)		Number	Circulation [1]		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita [2]					Net paid (1,000)	Per capita [2]		
Total	**1,701**	**62,644**	**.268**	**772**	**56,747**	Missouri	48	1,469	.296	18	1,162
Alabama	27	734	.185	19	698	Montana	11	202	.247	9	206
Alaska	8	138	.288	2	104	Nebraska	19	480	.301	7	431
Arizona	19	664	.224	10	638	Nevada	8	239	.268	5	250
Arkansas	32	489	.210	17	502	New Hampshire	9	206	.215	3	103
California	120	5,994	.238	59	5,818	New Jersey	26	1,711	.229	17	1,775
Colorado	29	954	.304	10	1,010	New Mexico	20	287	.205	13	261
Connecticut	24	909	.290	10	773	New York	76	8,139	.461	33	5,833
Delaware	3	150	.248	2	155	North Carolina	55	1,393	.229	25	1,190
District of Columbia	3	1,520	.244	1	997	North Dakota	10	194	.285	5	147
Florida	51	2,758	.258	34	3,000	Ohio	92	3,032	.282	30	2,676
Georgia	36	1,030	.180	15	1,076	Oklahoma	53	865	.262	44	888
Hawaii	7	253	.247	2	216	Oregon	20	628	.236	9	646
Idaho	14	217	.219	7	193	Pennsylvania	96	3,471	.292	21	2,906
Illinois	74	2,724	.237	24	2,735	Rhode Island	7	314	.329	2	259
Indiana	75	1,601	.292	18	1,219	South Carolina	17	601	.184	8	526
Iowa	38	807	.278	9	736	South Dakota	12	168	.240	4	125
Kansas	46	561	.231	18	493	Tennessee	30	1,022	.218	16	1,028
Kentucky	25	740	.199	12	645	Texas	114	3,715	.236	96	4,277
Louisiana	25	798	.180	16	845	Utah	6	288	.178	6	309
Maine	9	290	.253	3	270	Vermont	8	120	.229	3	80
Maryland	16	764	.178	5	663	Virginia	38	1,179	.212	15	891
Massachusetts	45	2,090	.362	10	1,622	Washington	28	1,126	.262	17	1,091
Michigan	52	2,507	.276	15	2,498	West Virginia	25	468	.238	10	406
Minnesota	26	922	.222	11	998	Wisconsin	35	1,192	.251	11	965
Mississippi	24	415	.160	12	337	Wyoming	10	103	.200	4	75

[1] Circulation figures based on the principal community served by a newspaper which is not necessarily the same location as the publisher's office. [2] Per capita based on total resident population estimated as of July 1, 1983.

Source: Editor & Publisher Co., Inc., New York, NY, *Editor & Publisher International Year Book*, annual. (Copyright.)

NO. 941. COPYRIGHT REGISTRATION, BY SUBJECT MATTER: 1980 TO 1983

[**In thousands.** For years ending **Sept. 30.** Comprises claims to copyright registered for both U.S. and foreign works. See also *Historical Statistics, Colonial Times to 1970*, series W 82-95]

SUBJECT MATTER OF COPYRIGHT	1980	1982	1983	SUBJECT MATTER OF COPYRIGHT	1980	1982	1983
Total	**464.7**	**468.1**	**488.2**	Motion pictures and filmstrips	8.5	7.8	9.1
				Works of the visual arts [2]	40.0	41.7	37.0
Monographs [1]	119.2	116.3	129.3	Cartographic works	.8	.5	.4
Serials	117.9	112.4	106.1	Sound recordings	12.8	13.9	21.7
Musical works	120.2	125.4	127.8	Multimedia works	2.0	2.3	2.1
Dramatic works, including any accompanying music	8.0	8.7	9.5	Machine readable works	1.9	2.7	6.0
Choreography and pantomines	(Z)	.1	.1	Renewals	33.0	36.3	39.1

Z Less than 50. [1] Includes computer software. [2] Two-dimensional works of fine and graphic art, including prints and art reproductions; sculptural works; technical drawings and models; photographs; commercial prints and labels; and works of applied arts.

Source: The Library of Congress, *Annual Report.*

NO. 942. ADVERTISING—ESTIMATED EXPENDITURES: 1950 TO 1983

[**In millions of dollars.** See also *Historical Statistics, Colonial Times to 1970*, series T 444-446]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1950	5,700	3,260	2,440	1972	23,210	12,980	10,230	1978	43,330	23,720	19,610
1955	9,150	5,380	3,770	1973	24,980	13,700	11,280	1979	48,780	26,695	22,085
1960	11,960	7,305	4,655	1974	26,620	14,700	11,920	1980	53,550	29,815	23,735
1965	15,250	9,340	5,910	1975	27,900	15,200	12,700	1981	60,430	33,890	26,540
1970	19,550	11,350	8,200	1976	33,300	18,355	14,945	1982	66,580	37,785	28,795
1971	20,700	11,755	8,945	1977	37,440	20,595	16,845	1983, prel	75,850	42,525	33,325

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

No. 943. Advertising—Indexes of National Advertising Expenditures, by Medium: 1950 to 1983

[1967=100. Based on the average monthly expenditure for those major media which give national coverage. See also *Historical Statistics, Colonial Times to 1970*, series T 472-484]

MEDIUM	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
General index	25	67	90	112	143	205	236	269	298	333	369	414
Network television	6	56	85	114	158	238	273	316	353	383	427	482
Spot television	3	53	90	125	164	223	261	291	330	378	441	485
Magazines	38	73	93	104	118	174	209	236	253	284	298	340
Weeklies	40	81	94	95	94	139	178	204	218	245	255	294
Women's	46	65	95	107	130	200	238	259	277	302	321	374
Monthlies	28	64	90	120	155	222	246	280	304	347	368	404
Newspapers	61	92	93	105	131	174	182	209	232	267	290	323

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

No. 944. Advertising—Estimated Expenditures, by Medium: 1970 to 1983

[**In millions of dollars, except percent.** See text, page 537 for a discussion of types of advertising. See also *Historical Statistics, Colonial Times to 1970*, series R 106-109, R 123-126, and T 444-471]

MEDIUM	EXPENDITURES								PERCENT			
	1970	1975	1978	1979	1980	1981	1982	1983, prel.	1970	1975	1980	1983, prel.
Total	19,550	27,900	43,330	48,780	53,550	60,430	66,580	75,850	100.0	100.0	100.0	100.0
National	11,350	15,200	23,720	26,695	29,815	33,890	37,785	42,525	58.1	54.5	55.7	56.1
Local	8,200	12,700	19,610	22,085	23,735	26,540	28,795	33,325	41.9	45.5	44.3	43.9
Newspapers	5,704	8,234	12,214	13,863	14,794	16,528	17,694	20,582	29.2	29.5	27.7	27.1
National	891	1,109	1,541	1,770	1,963	2,259	2,452	2,734	4.6	4.0	3.7	3.6
Local	4,813	7,125	10,673	12,093	12,831	14,269	15,242	17,848	24.6	25.5	24.0	23.5
Magazines	1,292	1,465	2,597	2,932	3,149	3,533	3,710	4,233	6.6	5.2	5.9	5.6
Weeklies	617	612	1,156	1,327	1,418	1,598	1,659	1,917	3.2	2.2	2.6	2.5
Women's	301	368	672	730	782	853	904	1,056	1.5	1.3	1.5	1.4
Monthlies	374	485	767	875	949	1,082	1,147	1,260	1.9	1.7	1.8	1.7
Farm publications	62	74	104	120	130	146	148	163	.3	.3	.2	.2
Television	3,596	5,263	8,955	10,154	11,366	12,650	14,329	16,136	18.4	18.9	21.2	21.3
Network	1,658	2,306	3,975	4,599	5,130	5,575	6,210	7,017	8.5	8.3	9.6	9.3
Spot	1,234	1,623	2,607	2,873	3,269	3,730	4,360	4,796	6.3	5.8	6.1	6.3
Local	704	1,334	2,373	2,682	2,967	3,345	3,759	4,323	3.6	4.8	5.5	5.7
Radio	1,308	1,980	3,052	3,310	3,702	4,230	4,670	5,210	6.7	7.1	6.9	6.9
Network	56	83	147	161	183	230	255	296	.3	.3	.3	.4
Spot	371	436	620	665	779	879	923	1,038	1.9	1.6	1.5	1.4
Local	881	1,461	2,285	2,484	2,740	3,129	3,492	3,876	4.5	5.2	5.1	5.1
Direct mail	2,766	4,124	5,987	6,653	7,596	8,944	10,319	11,795	14.1	14.8	14.2	15.6
Business papers	740	919	1,400	1,575	1,674	1,841	1,876	1,990	3.8	3.3	3.1	2.6
Outdoor	234	335	466	540	578	650	721	794	1.2	1.2	1.1	1.1
National	154	220	307	355	364	419	465	512	.8	.8	.7	.7
Local	80	115	159	185	214	231	256	282	.4	.4	.4	.4
Miscellaneous	3,848	5,506	8,555	9,633	10,561	11,908	13,113	14,947	19.7	19.7	19.7	19.6
National	2,126	2,841	4,435	4,992	5,578	6,334	7,067	7,951	10.9	10.2	10.4	10.5
Local	1,722	2,665	4,120	4,641	4,983	5,574	6,046	6,996	8.8	9.5	9.3	9.1

Source: McCann-Erickson, Inc., New York, NY. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

No. 945. Magazine Advertising—Expenditures, by Product: 1975 to 1983

[**In millions of dollars, except percent.** Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCT	1975	1979	1980	1981	1982	1983	PERCENT DISTRIBUTION		
							1975	1980	1983
Expenditures	1,336	2,671	2,846	3,223	3,421	3,939	100.0	100.0	100.0
Apparel, footwear, and accessories	47	92	112	141	154	206	3.5	3.9	5.2
Automotive, incl. accessories and equipment	102	224	229	290	333	404	7.6	8.0	10.3
Beer, wine, and liquor	101	236	239	251	258	243	7.6	8.4	6.2
Consumer services [1]	102	172	190	206	232	329	7.8	6.7	8.4
Drugs and remedies	34	71	78	88	89	104	2.5	2.7	2.6
Food and food products	87	186	199	213	240	263	6.5	7.0	6.7
Household equipment and supplies	25	67	65	82	66	81	1.9	2.3	2.1
Household furnishings	31	64	73	83	81	94	2.3	2.6	2.4
Industrial materials	34	70	71	67	51	44	2.6	2.5	1.1
Insurance	22	53	56	56	56	61	1.7	2.0	1.5
Radios, TV's, phonos, musical instruments [2]	35	80	84	108	96	100	2.6	3.0	2.5
Smoking materials	144	281	290	314	358	398	10.8	10.2	10.1
Toiletries and toilet goods	106	198	206	230	241	279	7.9	7.2	7.1
Travel, hotels, and resorts	65	110	123	137	153	174	4.9	4.3	4.4
All other (incl. retail and/or direct-mail)	402	767	831	957	1,013	1,159	30.1	29.2	29.4

[1] Includes business services. [2] Includes accessories.

Source: Magazine Publishers Association, Inc., New York, NY, from data compiled by Publishers Information Bureau, Inc.

No. 946. Television—Expenditures for Network Advertising: 1980 to 1983

[In millions of dollars. See text, page 537 for a definition of network advertising]

TYPE OF PRODUCT	1980	1981	1982	1983
Expenditures	5,147	5,593	6,232	7,042
Apparel, footwear, and accessories	131	155	160	199
Automotive	529	509	596	745
Beer and wine	242	267	303	358
Bldg. material, equipment, *fixtures*	59	65	70	68
Confectionery, soft drinks	281	283	300	307
Consumer services	178	129	157	200
Dept. and discount stores	94	111	144	171
Entertainment and amusement	235	254	280	327
Food and food products	844	897	995	1,064
Freight and industrial development	7	20	24	50
Gas, *lubricants, etc.*	*71*	*79*	*55*	*42*
Home electronics equipment	50	101	164	158
Horticulture	15	14	18	20
Household equipment, supplies, and furnishings	225	243	239	238
Insurance	74	76	73	97
Jewelry and cameras [1]	119	120	151	143
Laundry soaps, cleansers, and polishes	306	314	322	353
Office equipment, stationery, and *supplies*	57	86	129	260
Pet products	144	142	149	160
Proprietary medicines	430	466	529	575
Publishing and media	34	37	76	82
Tobacco products and supplies	8	15	7	8
Toiletries and toilet goods	765	852	897	921
Toys and sporting goods	93	102	100	113
Travel, hotels, and resorts	53	39	73	79
All other	103	195	221	304

[1] Includes optical goods.

No. 947. Television—Estimated Time Charges for Spot Advertising: 1980 to 1983

[In millions of dollars. Data represent activity in the 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), covering approximately 298 stations. See text, page 537 for a definition of types of advertising]

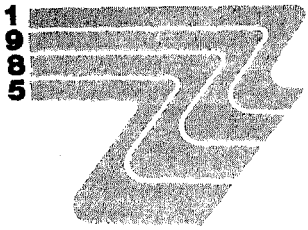
TYPE OF PRODUCT	1980	1981	1982	1983
Estimated time charges	*2,496*	*2,847*	*3,342*	*3,676*
Agriculture and farming	15	18	21	19
Apparel, footwear, and accessories	105	108	96	101
Automotive	228	285	361	412
Beer and wine	156	182	205	200
Building material, equipment, and *fixtures*	*47*	*57*	*53*	*55*
Confectionery, soft drinks	212	252	266	327
Consumer services	83	97	140	165
Food and food products	507	581	705	776
Freight and industrial development	5	12	41	32
Gasoline, lubricants, etc	50	84	90	87
Home electronics equipment	73	77	108	120
Horticulture	35	34	32	30
Household equipment, supplies, and furnishings	133	144	151	190
Insurance	34	48	51	57
Jewelry, optical goods, and cameras	55	56	53	54
Laundry soaps, polishes	111	116	157	166
Office equipment, stationery, and supplies	15	20	52	73
Pet products	33	37	55	56
Proprietary medicines	93	102	107	133
Publishing and media	78	81	97	115
Tobacco products, suppliers	8	12	11	11
Toiletries and toilet goods	223	225	222	242
Toys and sporting goods	104	109	120	101
Travel, hotels, and resorts	76	90	121	139
All other	17	20	27	16

No. 948. Television—Expenditures for Retail/Local Advertising: 1980 to 1983

[In millions of dollars. See headnote, table 947]

TYPE OF PRODUCT	1980	1981	1982	1983
Expenditures	1,983	2,269	2,578	2,979
Amusements, entertainment	68	79	91	99
Appliance stores, repair	38	47	50	75
Auto repair, service stations	28	34	44	52
Auto supply, accessory stores	12	25	30	35
Auto, truck dealers	99	113	121	173
Banks, S&L associations	141	158	155	166
Builders, real estate	26	24	25	34
Carpet, floor covering stores	24	28	26	34
Clothing stores	46	50	55	66
Department stores	131	139	141	164
Discount department stores	*74*	*85*	*78*	*79*
Drug stores	26	34	45	55
Education services	17	20	27	36
Food stores, supermarkets	149	175	193	229
Furniture stores	111	118	113	144
Gas, electric, water companies	16	21	24	27
Hardware stores	19	21	23	23
Health clubs, reducing salons	21	29	28	29
Home building construction, building supplies	35	43	47	65
Hotels, resorts, U.S	18	24	37	42
Investment brokers	7	12	11	27
Jewelry stores	19	23	23	25
Legal services	5	6	11	18
Leisure time stores and services	*42*	*60*	*76*	*82*
Loan, mortgage companies	12	13	12	20
Mail order, catalog showrooms	13	15	18	21
Medical, dental services	13	22	28	41
Movies	102	99	90	98
Newspapers	15	18	19	22
Optical services, supplies	14	11	13	17
Political	70	20	116	24
Radio, cable TV	69	99	120	127
Rental services (non-auto)	15	19	24	29
Restaurants, drive-ins	288	351	406	498
Shoe stores	27	28	28	32
Shopping centers, ass'ns	13	14	15	18
Sport, hobby, toy stores	23	35	39	42
All other	137	157	177	211

Source of tables 946–948: Television Bureau of Advertising, Inc., New York, NY. Data compiled by Broadcast Advertisers Reports, Inc., New York, NY.



Section 20

Energy

This section presents statistics on fuel resources, energy production and consumption, electric energy, hydropower, nuclear power, solar energy, and the electric and gas utility industries. The principal sources are the U.S. Department of Energy's Energy Information Administration (EIA), the Edison Electric Institute, Washington, DC, and the American Gas Association, Arlington, VA. The Department of Energy was created in October 1977 and assumed and centralized the responsibilities of all or part of several agencies including the Federal Power Commission (FPC), the U.S. Bureau of Mines, the Federal Energy Administration, and the U.S. Energy Research and Development Administration. For additional data on transportation, see Section 22; on fuels, see Section 27; and on energy-related housing characteristics, see Section 28.

The EIA, in its *Annual Energy Review,* provides statistics and trend data on energy supply, demand, and prices. Information is included on petroleum and natural gas, coal, electricity, hydropower, nuclear power, and solar and geothermal energy. Among its annual reports are *Annual Energy Review, Electric Power Annual, Natural Gas Annual, Petroleum Supply Annual, State Energy Data Report, Energy Price and Expenditure Report, Financial Statistics of Selected Electric Utilities, Historical Capital Costs and Annual Production Expenses, Residential Energy Consumption Survey, Performance Profiles of Major Energy Producers, Typical Electric Bills, Annual Energy Outlook,* and *International Energy Annual.* These various publications contain national and State data on production of electricity, capacity of generating plants, fuels used in energy production, energy sales and consumption, hydroelectric power, construction costs and production expenses of power plants, and depreciation practices. The EIA also issues the *Monthly Energy Review,* which presents current supply, disposition, and price data, and separate weekly and monthly publications on petroleum, coal, natural gas, and electric power. Data on residential energy consumption, expenditures, and conservation activities are available from EIA's Residential Energy Consumption Survey and are published in *Residential Energy Consumption Survey: Consumption and Expenditures,* and *Residential Energy Consumption Survey: Conservation,* and several other reports.

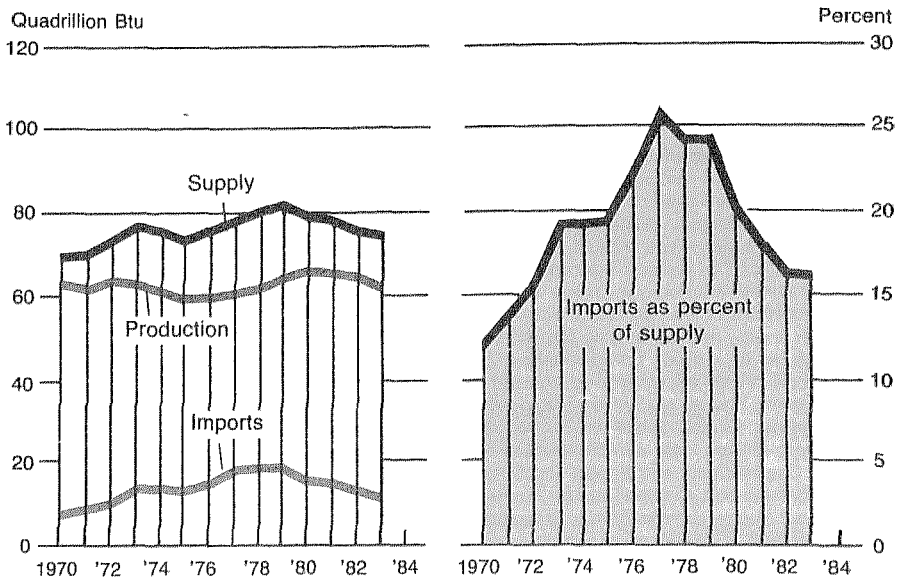
The Edison Electric Institute's monthly bulletin and annual *Statistical Year Book of the Electric Utility Industry for the Year* contain data on the distribution of electric energy by public utilities; information on the electric power supply, expansion of electric generating facilities, and the manufacture of heavy electric power equipment is presented in the annual *Year End Summary of the Electric Power Situation in the United States.* The American Gas Association, in its monthly and quarterly bulletins and its yearbook, *Gas Facts,* presents data on gas utilities, including sales, revenues, customers, prices, and other financial and operating statistics. A wide range of petroleum statistics are provided in the American Petroleum Institute publication *Basic Petroleum Data Book.*

Btu conversion factors.—Various energy sources are converted from original units (e.g., short tons, cubic feet, barrels, kilowatt-hours) to the thermal equivalent using British thermal units (Btu). A Btu is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit at or near 39.2 degrees F. Factors are calculated annually from the latest final annual data available; some are revised as a result. The following list provides conversion factors used in 1983 for production and consumption, in that order, for various fuels: Petroleum, 5.800 and 5.410 mil. Btu per barrel; bituminous coal and lignite, 22.02 and 21.55 mil. Btu per short ton; anthracite coal 23.75 and 22.80 mil. Btu per short ton; and natural gas, 1,028 and 1,028 Btu per cubic foot. The factors for the production of hydropower, nuclear power, and geothermal power were 10,470, 11,015, and 21,594 Btu per kilowatt-hour, respectively.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 20.1

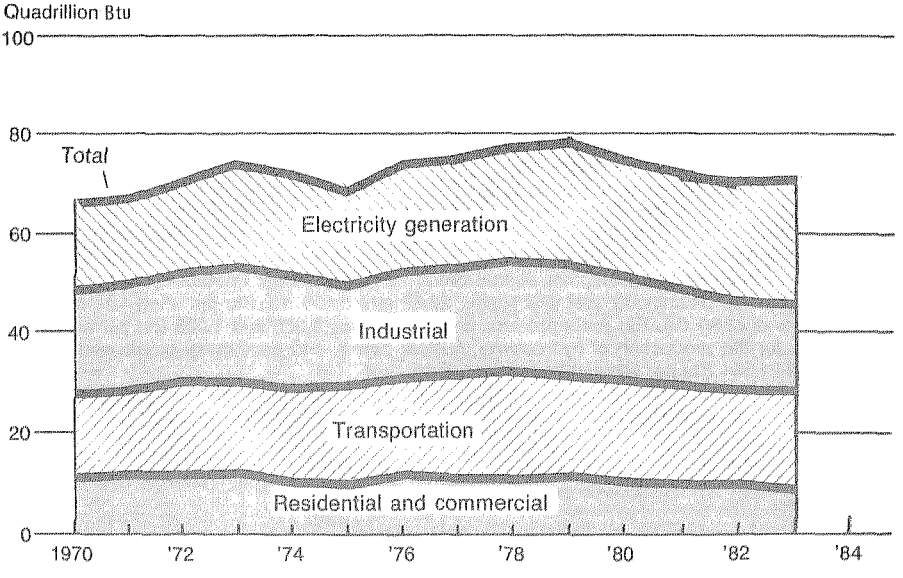
Energy Production, Supply, and Imports: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 951.

Figure 20.2

Primary Energy Resources—Consumption by Major Consumer Group: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 954.

No. 949. Total Horsepower of All Prime Movers: 1950 to 1983

[**In millions, except percent.** As of **January,** except as noted. Prior to 1960, excludes Alaska and Hawaii, except as noted. Prime movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as wind or falling water) into work and power. Electric motors, which obtain their power from prime movers, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1970,* series S 1–14]

YEAR	Total horsepower	AUTOMOTIVE [1] [2]		NONAUTOMOTIVE							
		Total	Percent of total	Total	Factories [3]	Mines [3]	Railroads [4]	Merchant ships and sailing vessels	Farms	Electric central stations [2]	Aircraft [4] [5]
1950	4,868	4,404	90.5	464	33	22	111	[6] 23	165	88	[6] 22
1955	7,158	6,632	92.7	526	36	31	60	[6] 24	212	138	[6] 26
1960	11,008	10,367	94.2	641	42	35	47	24	240	217	37
1965	15,096	14,306	94.8	790	48	40	44	24	272	307	55
1970	20,408	19,325	94.7	1,083	54	45	54	22	290	435	183
1972	22,913	21,736	94.9	1,175	57	46	57	21	305	508	181
1973	24,262	23,029	94.9	1,233	58	46	57	20	308	562	182
1974	24,516	23,224	94.7	1,292	59	46	61	21	315	605	185
1975	25,100	23,752	94.6	1,348	60	47	62	22	318	654	185
1976	25,732	24,339	94.6	1,393	61	47	64	22	324	692	184
1977	26,469	25,025	94.5	1,444	62	47	62	23	328	728	194
1978	27,379	25,892	94.6	1,487	63	48	64	25	[7] 335	754	198
1979	28,162	26,617	94.5	1,545	63	48	62	26	342	803	201
1980	28,922	27,362	94.6	1,564	64	48	63	28	345	806	210
1981	29,507	27,909	94.6	1,598	64	48	65	29	345	835	212
1982	30,495	28,852	94.6	1,643	64	48	64	29	352	854	232
1983	31,338	29,662	94.7	1,676	64	47	63	29	356	877	240

[1] Includes passenger cars, trucks, buses, and motorcycles. [2] As of July 1. [3] Beginning 1965, data are estimates. [4] Beginning 1965, not strictly comparable with earlier years. [5] Includes private planes and commercial airlines. [6] Includes Alaska and Hawaii. [7] Includes estimates of about 3.0 million hp in work animals and 30,000 in windmills.

Source: 1950 and 1955, The Twentieth Century Fund, New York, NY, J.F. Dewhurst and Associates, *America's Needs and Resources, A New Survey,* and John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1958.* Beginning 1960, John A. Waring, Arlington, VA, unpublished estimates.

No. 950. Energy Production and Consumption, by Major Source: 1950 to 1983

[Btu=British thermal unit. For Btu conversion factors; see text, p. 551. See also *Historical Statistics, Colonial Times to 1970,* series M 76–92]

YEAR	Total production (quad. Btu)	PERCENT OF PRODUCTION				Total consumption (quad. Btu)	PERCENT OF CONSUMPTION				Consumption/production ratio
		Coal	Petroleum [1]	Natural gas [2]	Other [3]		Coal	Petroleum [1]	Natural gas [2]	Other [3]	
1950	34.5	42.7	33.4	20.0	3.9	33.6	38.1	39.8	18.1	4.0	.97
1955	39.1	32.5	37.0	27.0	3.4	39.2	29.1	44.2	23.3	3.5	1.00
1960	41.4	26.0	36.0	34.1	3.9	43.7	22.4	45.5	28.3	3.8	1.06
1961	41.9	24.8	36.3	34.9	4.0	44.4	21.6	45.5	29.1	3.8	1.06
1962	43.5	24.9	35.7	35.2	4.2	46.5	21.2	45.3	29.5	4.0	1.07
1963	45.8	25.8	34.9	35.4	4.0	48.3	21.5	45.0	29.8	3.7	1.05
1964	47.7	26.1	33.9	35.9	4.1	50.4	21.6	44.2	30.3	3.9	1.06
1965	49.3	26.4	33.5	35.8	4.3	52.6	21.9	44.2	30.0	4.0	1.07
1966	52.1	25.7	33.7	36.5	4.1	55.6	21.7	33.9	30.6	3.8	1.07
1967	55.0	25.0	33.9	36.6	4.4	57.5	20.8	44.0	31.2	4.2	1.05
1968	56.7	23.9	34.0	37.7	4.4	60.9	20.1	44.3	31.5	4.1	1.07
1969	59.0	23.4	33.1	38.7	4.8	64.1	19.2	44.2	32.2	4.4	1.09
1970	62.0	23.4	32.9	39.0	4.7	66.4	18.4	44.5	32.8	4.3	1.07
1971	61.2	21.4	32.7	40.5	5.3	67.8	17.0	45.1	33.1	4.8	1.11
1972	62.4	22.5	32.1	39.8	5.6	71.2	16.9	46.3	31.9	5.0	1.14
1973	62.0	22.5	31.4	39.9	6.2	74.2	17.4	46.9	30.3	5.3	1.20
1974	60.8	23.1	30.6	39.0	7.4	72.5	17.4	46.2	30.0	6.5	1.19
1975	59.8	25.0	29.6	36.8	8.6	70.5	17.9	46.4	28.3	7.4	1.18
1976	59.9	26.1	28.8	36.4	8.6	74.3	18.2	47.3	27.4	7.1	1.24
1977	60.1	26.1	29.0	36.4	8.5	76.2	18.2	48.7	26.2	7.0	1.27
1978	61.0	24.3	30.2	35.6	9.9	78.0	17.6	48.6	25.6	8.2	1.28
1979	63.7	27.4	28.4	35.1	9.1	78.8	19.0	47.1	26.2	7.7	1.24
1980	64.7	28.7	28.2	34.2	8.9	75.9	20.3	45.1	26.9	7.8	1.17
1981	64.4	28.5	28.2	34.2	9.2	73.9	21.4	43.2	27.0	8.4	1.15
1982	63.9	29.1	28.7	32.0	10.2	70.8	21.6	42.7	26.1	9.6	1.11
1983, prel	61.0	28.3	30.0	30.4	11.2	70.5	22.5	42.6	24.7	10.2	1.15

[1] Production includes crude oil and lease condensate. Consumption includes domestically produced crude oil, natural gas liquids, and lease condensate, plus imported crude oil and products. [2] Production includes natural gas liquids; consumption excludes natural gas liquids. [3] Comprised of hydropower, nuclear power, geothermal energy and other.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 951. Energy Supply and Disposition, by Type of Fuel: 1960 to 1983

[In quadrillion British thermal units (Btu), except percent. For Btu conversion factors, see text, p. 551]

TYPE OF FUEL	1960	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total supply [1]	**45.2**	**69.0**	**76.3**	**74.7**	**72.8**	**76.5**	**78.3**	**80.0**	**81.7**	**79.6**	**78.3**	**75.5**	**74.2**
Production	41.4	62.0	62.0	60.8	59.8	59.9	60.1	61.0	63.7	64.7	64.4	63.9	61.0
Crude oil [2]	14.9	20.4	19.5	18.8	17.7	17.3	17.5	18.4	18.1	18.3	18.1	18.3	18.3
Natural gas liquids	1.5	2.5	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.0	2.2
Natural gas [3]	12.7	21.7	22.2	21.2	19.6	19.5	19.6	19.5	20.1	19.9	19.7	18.3	16.3
Coal	10.8	14.5	13.9	14.0	14.9	15.6	15.7	14.9	17.5	18.5	18.3	18.6	17.3
Nuclear power	(z)	.2	.9	1.3	1.9	2.1	2.7	3.0	2.8	2.7	3.0	3.1	3.2
Hydropower	1.6	2.6	2.9	3.2	3.2	3.0	2.9	2.9	2.9	2.9	2.8	3.3	3.5
Geothermal and other	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Imports [4]	4.2	8.4	14.7	14.4	14.1	16.8	20.1	19.3	19.6	16.0	14.0	12.1	11.9
Percent of supply	9.3	12.2	19.3	19.3	19.4	22.0	25.7	24.1	24.0	20.1	17.9	16.0	16.0
Crude oil	2.2	2.8	6.9	7.4	6.7	11.2	14.0	13.5	13.8	11.2	9.3	7.4	7.0
Refined petroleum products [5]	1.8	4.7	6.6	5.7	4.2	4.4	4.7	4.4	4.1	3.5	3.3	3.4	3.5
Natural gas	.2	.9	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.0	.9	1.0	1.0
Total disposition	**45.2**	**69.0**	**76.3**	**74.7**	**72.8**	**76.5**	**78.3**	**80.0**	**81.7**	**79.6**	**78.3**	**75.5**	**74.2**
Consumption	43.7	66.4	74.2	72.5	70.5	74.3	76.2	78.0	78.8	75.9	73.9	70.8	70.5
Refined petroleum products	19.9	29.5	34.8	33.5	32.7	35.2	37.1	38.0	37.1	34.2	31.9	30.2	30.0
Natural gas [3]	12.4	21.8	22.5	21.7	20.0	20.4	19.9	20.0	20.7	20.4	19.9	18.5	17.4
Coal	9.8	12.2	12.9	12.6	12.6	13.5	13.8	13.7	15.0	15.4	15.9	15.3	15.9
Nuclear power	(z)	.2	.9	1.3	1.9	2.1	2.7	3.0	2.7	2.7	3.0	3.1	3.2
Hydropower [6]	1.7	2.7	3.0	3.3	3.2	3.1	2.5	3.1	3.1	3.1	3.1	3.6	3.9
Geothermal and other	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Exports	1.5	2.7	2.1	2.2	2.4	2.2	2.1	1.9	2.9	3.7	4.3	4.6	3.7
Coal	1.0	1.9	1.4	1.6	1.7	1.6	1.4	1.0	1.7	2.4	2.9	2.8	2.0

Z Less than 50 trillion. [1] Includes adjustments for stock changes, losses, gains, and miscellaneous changes, not shown separately. [2] Includes lease condensate. [3] Dry marketed gas. [4] Includes other types, not shown separately. [5] Includes imports of unfinished oils and natural gas liquids. [6] Includes industrial generation and net electricity imports.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 952. Selected Energy Indicators—Summary: 1950 to 1983

[Btu=British thermal unit. For Btu conversion factors, see text, p. 551]

YEAR	Annual average percent change [1]								GNP [5]	Per capita [6] (mil. Btu)		Consumption per dollar GNP [5] (1,000 Btu)
	Energy production				Energy consumption							
	Total [2]	Crude oil [3]	Natural gas [4]	Coal	Total [2]	Refined petroleum products	Natural gas (dry)	Coal		Energy production	Energy consumption	
1950	12.4	7.2	15.8	16.7	8.2	12.1	15.9	2.3	8.7	227	221	62.9
1955	2.5	4.7	8.4	−2.7	3.1	5.3	8.6	−2.3	4.2	237	237	59.6
1960	1.2	.7	6.3	−2.8	2.2	2.9	6.6	(z)	2.3	230	243	59.3
1965	3.5	2.0	4.5	3.8	3.8	3.1	4.9	3.3	4.7	255	272	56.6
1970	4.7	4.3	6.5	2.2	4.8	4.9	6.7	1.2	3.2	304	325	61.1
1971	−1.2	−1.8	2.8	−9.7	2.2	3.5	3.1	−5.4	3.4	296	328	60.4
1972	1.8	(z)	−.3	6.8	5.0	7.8	1.0	4.1	5.7	298	340	60.0
1973	−.6	−2.7	−.1	−.7	4.2	5.7	−.8	7.4	5.8	293	351	59.2
1974	−2.0	−4.7	−4.4	.6	−2.3	−4.0	−3.5	−2.3	−.6	285	340	58.2
1975	−1.6	−4.5	−7.4	6.6	−2.8	−2.2	−8.2	(z)	−1.2	278	327	57.2
1976	.1	−2.7	−.8	4.8	5.4	7.5	2.0	7.3	5.4	275	341	57.2
1977	.4	1.1	.5	.2	2.6	5.5	−2.1	2.4	5.5	274	347	55.6
1978	1.5	5.6	−.4	−5.2	2.4	2.3	.4	−1.0	5.0	275	351	54.2
1979	4.4	−1.8	3.0	17.7	1.0	−2.2	3.4	9.3	2.8	284	351	53.3
1980	1.5	.8	.9	6.1	−3.7	−7.9	−1.3	2.6	−.3	285	334	51.5
1981	−.5	−.6	−.7	−1.1	−2.6	−6.1	−2.4	3.2	2.5	280	322	48.8
1982	−.8	.9	−7.1	1.5	−4.2	−4.5	−7.2	−3.6	−2.1	275	306	47.7
1983, prel.	−4.4	.1	−9.3	−7.1	−.5	−.7	−5.8	3.7	3.7	261	301	46.0

Z Less than .05 percent. [1] Represents annual average for period of intervals shown; for 1950, change from 1949. Percent change derived from Btu values. Minus sign indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes types of fuel or power not shown separately. [3] Includes lease condensate. [4] Includes natural gas plant liquids. [5] Gross national product in constant (1972) dollars, see table 715. [6] Based on resident population estimated as of July 1.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 953. Energy Consumption—End-Use Sector and Selected Source, by State: 1982

[In trillions of Btu, except as indicated. For Btu conversion factors, see text, p. 551. For composition of regions, see fig. 1 inside front cover]

Region, division, and state	Total [1]	Per capita [2] (mil. Btu)	End-use sector				Source				
			Residential	Commercial	Industrial	Transportation	Petroleum	Natural gas (dry)	Coal	Hydropower	Nuclear power
U.S.	**70,756**	**305**	**14,742**	**10,864**	**[3] 26,084**	**19,066**	**30,232**	**18,498**	**15,233**	**3,593**	**3,115**
Region:											
Northeast	11,512	233	2,948	2,247	3,259	3,058	6,066	2,223	1,771	535	787
Midwest	18,170	308	4,397	2,819	6,686	4,271	6,514	4,831	5,716	255	852
South	28,297	361	4,841	3,614	12,337	7,506	12,007	8,347	6,044	464	1,335
West	12,799	283	2,559	2,184	3,827	4,230	5,646	3,099	1,702	2,340	140
New England	**2,736**	**220**	**769**	**534**	**661**	**772**	**1,818**	**327**	**124**	**92**	**292**
Maine	371	326	70	36	179	86	270	3	6	62	50
New Hampshire	188	198	56	27	49	56	122	10	26	13	–
Vermont	107	520	32	16	27	32	58	5	1	11	46
Massachusetts	1,216	211	352	285	218	362	821	200	90	3	46
Rhode Island	177	186	52	34	41	51	98	29	(Z)	(Z)	–
Connecticut	678	217	208	137	147	186	450	80	1	4	150
Middle Atlantic	**8,776**	**238**	**2,179**	**1,713**	**2,598**	**2,286**	**4,248**	**1,896**	**1,647**	**443**	**495**
New York	3,456	197	918	899	796	844	1,819	797	284	426	159
New Jersey	2,064	278	454	360	535	715	1,229	386	78	[4] –2	155
Pennsylvania	3,256	274	807	454	1,267	728	1,200	713	1,285	19	181
East North Central	**12,744**	**306**	**3,083**	**1,967**	**4,891**	**2,804**	**4,273**	**3,423**	**4,185**	**66**	**618**
Ohio	3,549	329	808	501	1,505	736	1,205	835	1,391	(Z)	36
Indiana	2,156	393	430	226	1,067	432	650	480	1,013	5	–
Illinois	3,337	291	837	646	1,088	765	1,198	1,020	763	1	304
Michigan	2,435	267	669	393	806	566	760	768	694	35	165
Wisconsin	1,268	267	339	201	425	304	460	320	325	25	113
West North Central	**5,426**	**313**	**1,314**	**852**	**1,795**	**1,467**	**2,241**	**1,408**	**1,531**	**189**	**234**
Minnesota	1,186	287	307	168	404	307	503	269	214	65	112
Iowa	954	328	235	143	348	228	371	243	247	10	25
Missouri	1,374	278	359	235	375	405	571	287	525	17	–
North Dakota	246	366	53	33	88	73	136	29	199	27	–
South Dakota	200	288	51	27	60	62	109	26	37	57	–
Nebraska	511	322	128	102	145	135	203	142	96	13	96
Kansas	956	397	181	144	375	256	349	412	213	(Z)	–
South Atlantic	**10,049**	**262**	**2,223**	**1,591**	**3,057**	**3,179**	**4,569**	**1,393**	**3,022**	**159**	**837**
Delaware	180	299	32	31	66	50	118	29	48	–	–
Maryland	1,094	256	258	161	362	313	487	162	225	14	114
District of Columbia	163	260	31	54	42	37	47	30	3	–	–
Virginia	1,460	266	328	271	394	468	628	155	272	10	192
West Virginia	710	362	130	76	367	137	192	133	820	12	–
North Carolina	1,556	259	362	223	523	449	642	146	624	57	101
South Carolina	940	291	190	129	375	247	320	101	268	25	145
Georgia	1,605	284	334	224	505	542	677	302	526	38	73
Florida	2,342	224	557	423	423	938	1,459	335	236	3	213
East South Central	**4,907**	**330**	**977**	**622**	**2,005**	**1,303**	**1,698**	**930**	**1,695**	**250**	**416**
Kentucky	1,242	336	245	153	525	319	434	194	629	35	–
Tennessee	1,530	329	340	236	555	399	482	213	463	102	111
Alabama	1,353	343	244	143	633	333	457	247	503	112	305
Mississippi	782	304	148	90	292	253	325	277	100	–	–
West South Central	**13,341**	**528**	**1,841**	**1,401**	**7,275**	**3,024**	**5,740**	**6,024**	**1,327**	**55**	**82**
Arkansas	763	331	152	93	310	209	300	233	125	22	82
Louisiana	3,288	750	283	306	2,118	581	1,417	1,600	66	–	–
Oklahoma	1,319	409	254	183	531	351	451	697	201	22	–
Texas	7,971	520	951	820	4,316	1,884	3,572	3,494	936	11	–
Mountain	**3,849**	**319**	**742**	**638**	**1,304**	**1,166**	**1,511**	**936**	**1,539**	**362**	**6**
Montana	307	382	62	46	118	81	131	54	49	114	–
Idaho	343	351	74	65	129	75	105	41	10	121	–
Wyoming	381	748	41	34	226	80	163	93	395	9	–
Colorado	847	276	203	190	195	259	323	231	274	17	6
New Mexico	465	340	60	68	162	175	197	210	226	1	–
Arizona	740	256	143	137	198	261	291	139	339	73	–
Utah	477	303	95	66	193	122	169	121	161	11	–
Nevada	290	331	63	32	82	113	133	48	146	15	–
Pacific	**8,950**	**271**	**1,817**	**1,546**	**2,523**	**3,064**	**4,135**	**2,163**	**163**	**1,978**	**134**
Washington	1,564	366	392	264	527	381	562	112	75	972	40
Oregon	844	316	195	140	259	251	364	73	12	474	53
California	5,913	239	1,170	1,084	1,431	2,228	2,840	1,731	71	526	41
Alaska	411	926	39	41	229	102	155	244	6	6	–
Hawaii	218	219	22	18	77	102	214	3	–	1	–

– Represents zero. Z Less than 500 billion. [1] For source, includes geothermal, wood and waste, and net interstate sales of electricity, including losses, not shown separately. [2] Based on estimated resident population as of July 1. [3] Includes –23 trillion Btu of net imports of coke not allocated by State. [4] Minus sign (–) indicates when amount of energy expended for pump storage hydropower exceeds amount of energy consumed.

Source: U.S. Energy Information Administration, *State Energy Data Report*, annual.

No. 954. Primary Energy Consumption by Consuming Sector: 1960 to 1983

[For definition of Btu, see text, p. 551]

SECTOR	1960	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total consumption (quad. Btu)	**43.7**	**66.4**	**72.5**	**70.5**	**74.3**	**76.2**	**78.0**	**78.8**	**75.9**	**73.9**	**70.8**	**70.5**
Residential and commercial	8.7	12.1	11.8	11.6	12.3	11.9	11.9	11.5	10.7	10.1	10.1	9.6
Industrial and miscellaneous	16.2	21.9	22.6	20.3	21.4	21.8	21.8	22.7	21.0	19.7	17.4	16.9
Transportation	10.6	16.0	18.1	18.2	19.1	19.8	20.6	20.4	19.7	19.5	19.0	19.0
Electricity generation	8.2	16.3	20.0	20.4	21.6	22.7	23.7	24.1	24.5	24.8	24.3	25.0
Percent of total:												
Residential and commercial	20.0	18.3	16.2	16.5	16.5	15.6	15.3	14.6	14.1	13.6	14.2	13.6
Industrial and miscellaneous	37.0	32.9	31.1	28.8	28.8	28.6	28.0	28.8	27.7	26.6	24.6	24.0
Transportation	24.1	24.2	24.9	25.8	25.6	25.9	26.3	25.9	25.9	26.3	26.9	26.9
Electricity generation	18.8	24.5	27.6	28.9	29.0	29.8	30.4	30.6	32.3	33.5	34.3	35.4

Source: U.S. Energy Information Administration, Annual Energy Review.

No. 955. Energy Consumption, by Sector and Primary Source: 1983

[In trillions of Btu. For definition of Btu, see text, p. 551]

SECTOR	Total [1]	Coal [2]	Natural gas, dry	Petroleum [3]	Hydroelectric [4]	Nuclear power	Other [5]	Electricity distributed [6]	Electric energy loss [7]
Final consuming sectors	70,656	2,650	14,459	28,532	33	–	–16	7,341	17,657
Residential and commercial	25,725	192	7,244	2,345	–	–	–	4,683	11,261
Industrial	25,892	2,458	6,638	7,759	33	–	–16	2,648	6,372
Transportation	19,040	–	577	18,428	–	–	–	10	24
Electric utilities	24,998	13,226	3,011	1,544	3,847	3,235	135	(X)	(X)

– Represents zero. X Not applicable. [1] Total may not equal sum of components due to independent rounding of the components. [2] Represents anthracite, bituminous, and lignite. [3] Includes petroleum products, still gas, liquefied refinery gas, and natural gas liquids. [4] Includes net imports of electricity. [5] Includes geothermal power, electricity produced from wood and waste, and net imports of coal coke. [6] Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. [7] Losses allocated by final end-use sector in proportion to their direct kilowatt-hour usage.

Source: U.S. Energy Information Administration, Monthly Energy Review, May 1984.

No. 956. Energy Expenditures and Average Fuel Prices, by Source and End-use Sector: 1970 to 1981

[Btu=British thermal units; see text, p. 551. End-use sector and electric utilities exclude expenditures and prices on energy sources such as hydropower, solar, wind, and geothermal]

SOURCE AND END-USE SECTOR	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
EXPENDITURES (mil. dol.)											
Total [1] [2]	**84,297**	**99,969**	**114,413**	**158,362**	**177,817**	**200,368**	**228,178**	**247,205**	**306,677**	**386,904**	**456,873**
Coal	4,592	5,522	6,701	13,895	14,287	14,246	15,886	18,323	20,021	22,029	25,990
Natural gas	11,462	13,865	14,652	17,462	21,573	27,343	32,105	34,926	43,846	54,550	64,127
Petroleum products [2]	48,889	56,863	66,905	100,604	107,660	119,450	135,946	143,494	189,988	246,559	290,723
Motor gasoline	31,595	35,342	39,675	54,127	59,446	64,459	70,047	74,403	95,167	123,310	137,115
Distillate fuel oil	6,127	7,443	9,412	15,174	15,657	18,372	21,974	23,647	32,462	40,803	49,263
Jet fuel	1,539	1,767	2,129	3,414	4,465	4,854	5,859	6,594	9,165	14,837	15,636
Residual fuel	2,164	3,710	5,055	10,980	10,788	12,139	14,960	14,207	18,324	22,424	23,608
Electricity sales	23,701	30,117	34,173	43,114	51,331	57,866	67,380	75,691	82,617	99,763	117,869
Residential sector [2]	19,922	24,057	26,987	32,537	36,874	41,761	47,686	51,861	57,560	68,921	77,814
Natural gas	5,294	6,239	6,259	6,977	8,407	9,996	11,351	12,476	14,708	17,507	19,545
Petroleum	4,159	4,604	5,863	7,389	7,577	8,856	9,882	10,017	10,918	12,725	13,499
Electricity sales	10,410	13,085	14,725	17,918	20,662	22,698	26,228	29,129	31,734	38,513	44,511
Commercial sector [2]	10,798	13,552	15,311	19,660	23,134	26,703	30,967	34,139	38,346	47,453	56,050
Electricity sales	7,415	9,529	10,845	13,536	16,359	18,430	21,348	23,788	25,004	30,985	37,975
Industrial sector [2]	18,017	21,991	25,958	41,443	46,510	54,018	63,261	68,699	87,715	106,764	139,099
Natural gas	3,166	3,976	4,649	6,001	7,342	9,694	11,458	11,954	15,243	19,847	24,026
Petroleum	6,886	8,252	10,160	19,001	19,325	22,215	26,838	28,057	40,530	51,292	73,747
Electricity sales	5,839	7,456	8,548	11,570	14,198	16,622	19,698	22,670	25,748	30,115	35,170
Transportation sector [2]	35,562	40,368	46,158	64,721	71,300	77,886	86,264	92,506	123,056	163,767	183,909
Motor gasoline	30,524	34,361	38,605	52,755	57,992	62,975	68,529	72,904	93,285	120,744	134,392
Electric utilities [2]	4,320	6,479	8,209	17,133	17,556	19,079	23,933	26,611	30,969	37,102	43,200
Coal	2,240	2,975	3,875	8,766	8,304	8,401	10,266	12,285	13,709	16,082	19,358
Natural gas	1,148	1,354	1,299	1,735	2,436	3,256	4,199	4,672	6,281	8,342	10,497
Petroleum	886	2,043	2,837	6,359	6,347	6,881	8,702	8,672	10,048	11,441	11,926
AVERAGE FUEL PRICES (dol. per mil. Btu)											
Residential sector	2.10	2.38	2.73	3.40	3.83	4.16	4.82	5.19	6.01	7.55	8.90
Commercial sector	1.97	2.34	2.59	3.44	4.12	4.46	5.21	5.64	6.23	7.96	9.64
Industrial sector	.74	.88	.99	1.65	2.04	2.24	2.57	2.79	3.42	4.48	5.81
Transportation sector	2.32	2.39	2.59	3.72	4.05	4.21	4.49	4.62	6.21	8.62	9.76
Electric utilities	.32	.42	.49	1.03	1.03	1.03	1.19	1.29	1.48	1.74	2.00

[1] Includes electricity sales; excludes electricity generation. [2] Includes sources or fuel types not shown separately.

Source: U.S. Energy Information Administration, *State Energy Price and Expenditure Report, 1970–1981.*

No. 957. Energy Expenditures—Source and End-Use Sector, by State: 1981

[In millions of dollars, except per capita. End-use sector and electric utilities exclude expenditures on energy sources such as hydropower, solar, wind, and geothermal]

Division and State	Total[1]	Per capita[2] (dol.)	Source					End-use sector				Electric utilities
			Petroleum products		Natural gas	Coal	Electricity sales	Residential	Commercial	Industrial	Transportation	
			Total	Gasoline								
U.S	[3] 456,873	1,991	290,723	137,115	64,127	25,990	117,869	77,814	56,050	[3] 139,099	183,909	43,200
N. Eng:												
ME	2,031	1,793	1,609	659	14	9	525	518	243	434	834	165
NH	1,525	1,628	1,063	536	54	42	525	466	189	269	601	159
VT	839	1,626	591	322	28	2	220	247	101	121	370	25
MA	9,674	1,680	6,818	2,961	1,094	65	2,997	2,711	1,942	1,354	3,667	1,321
RI	1,427	1,499	861	492	172	-	441	408	232	237	549	48
CT	5,485	1,756	3,840	1,779	461	2	1,823	1,677	951	876	1,981	704
Mid. Atl:												
NY	26,957	1,535	16,228	7,561	3,614	590	9,299	6,927	6,508	4,080	9,443	2,857
NJ	16,024	2,163	10,592	4,122	2,002	156	4,159	3,602	2,589	4,040	5,793	927
PA	21,839	1,839	12,296	5,937	3,083	2,629	5,916	4,864	2,398	7,058	7,519	2,171
E. No. Cent:												
OH	21,649	2,005	11,934	6,135	3,146	2,758	5,670	4,024	2,364	7,629	7,631	1,880
IN	12,157	2,215	6,776	3,492	1,649	2,009	2,801	1,936	875	4,841	4,505	1,077
IL	21,775	1,899	12,311	6,133	4,052	1,481	5,709	4,144	3,327	6,435	7,869	1,909
MI	15,591	1,693	8,423	5,441	2,965	1,376	4,074	3,284	2,001	3,995	6,311	1,340
WI	7,692	1,624	4,291	2,672	1,367	535	1,965	1,785	986	1,751	3,170	538
W. No. Cent:												
MN	7,143	1,737	4,425	2,547	957	302	1,732	1,467	637	1,895	3,144	325
IA	5,518	1,892	3,198	1,961	848	383	1,426	1,128	660	1,502	2,229	353
MO	8,258	1,672	5,077	3,152	1,038	732	2,112	1,621	987	1,763	3,886	701
ND	1,579	2,389	1,182	535	105	136	271	257	125	487	710	116
SD	1,214	1,754	875	516	80	38	253	245	111	253	604	33
NE	2,737	1,729	1,698	1,056	422	117	620	489	375	578	1,296	152
KS	5,380	2,254	3,329	1,555	1,079	253	1,163	729	568	1,986	2,097	444
So. Atl:												
DE	1,473	2,471	1,171	406	133	101	359	242	229	478	524	291
MD	7,261	1,705	4,467	2,566	782	398	2,104	1,586	926	1,545	3,203	549
DC	932	1,475	382	235	155	6	416	167	283	180	303	28
VA	9,248	1,701	5,995	3,443	511	501	2,787	1,913	1,272	1,371	4,692	659
WV	3,634	1,854	1,997	1,101	503	1,453	897	613	334	1,289	1,398	1,216
NC	9,803	1,645	6,003	3,813	688	1,140	3,051	2,029	1,019	2,144	4,611	1,105
SC	5,426	1,703	3,139	2,026	554	489	1,712	949	527	1,461	2,489	555
GA	9,905	1,777	6,233	3,818	1,213	928	2,467	1,537	1,019	2,012	5,337	966
FL	1,760	1,744	12,952	6,383	879	472	6,556	3,718	2,619	2,196	9,226	3,158
E. So. Cent:												
KY	7,075	1,925	4,283	2,243	592	1,021	2,072	1,079	540	2,484	2,972	894
TN	8,959	1,935	5,008	3,111	684	955	3,154	1,335	1,065	2,552	4,008	864
AL	8,658	2,205	4,999	2,508	888	1,192	2,471	1,221	746	3,393	3,297	1,005
MS	5,160	2,025	3,437	1,635	641	189	1,348	755	567	1,653	2,185	455
W. So. Cent:												
AR	4,674	2,032	2,952	1,481	731	160	1,147	702	385	1,591	1,995	381
LA	19,980	4,647	14,788	2,803	3,721	46	2,763	1,407	1,466	12,208	4,899	1,340
OK	6,761	2,180	4,530	2,347	1,466	224	1,318	686	675	2,287	3,114	776
TX	52,679	3,575	35,729	10,067	10,534	1,260	9,811	4,679	4,015	28,711	15,274	4,656
Mt:												
MT	1,928	2,422	1,466	593	201	39	260	200	159	764	805	39
ID	1,599	1,659	959	607	172	21	447	232	187	433	747	-
WY	2,236	4,535	1,785	478	173	247	237	130	97	1,217	792	206
CO	5,017	1,682	2,791	1,898	797	310	1,201	886	739	993	2,399	284
NM	2,895	2,170	2,060	958	463	140	535	292	337	775	1,492	303
AZ	4,697	1,673	2,686	1,717	516	355	1,628	787	677	841	2,392	487
UT	2,772	1,819	1,806	880	284	260	575	412	171	976	1,213	154
NV	1,847	2,188	1,238	681	265	126	487	261	173	297	1,116	269
Pac:												
WA	7,403	1,748	5,349	2,482	610	119	1,417	1,017	659	2,023	3,704	105
OR	4,472	1,676	2,982	1,685	362	45	1,116	726	505	905	2,336	68
CA	42,551	1,757	28,832	14,845	7,243	164	10,915	5,315	6,148	9,919	21,168	4,628
AK	1,461	3,512	1,266	272	88	11	151	136	110	333	881	55
HI	2,167	2,209	1,818	471	47	-	761	273	229	536	1,130	460

- Represents zero. [1] Includes sources not shown separately. [2] Based on estimated resident population as of July 1.
[3] Includes net imports of coal coke not shown separately by State.

Source: U.S. Energy Information Administration, *Energy Price and Expenditure Report, 1970-1981.*

No. 958. Residential Energy Consumption, Expenditures, and Average Prices, 1979 to 1982, and by Region, 1982

[For period **April** to **March** of year stated. Excludes Alaska and Hawaii. Covers year-round occupied units only. Based on Residential Energy Consumption Survey; see Appendix III. For composition of regions, see fig. I, inside front cover. Excludes household usage of gasoline for transportation and the use of wood or coal. Btu = British thermal unit; see text, p. 551]

TYPE OF FUEL	Unit	1979, all households	1980, all households	1981, all households	1982				
					All households	Northeast	Midwest	South	West
CONSUMPTION									
Total	**Quad. Btu**	**10.56**	**9.74**	**9.32**	**9.51**	**2.47**	**3.12**	**2.46**	**1.47**
Average per household	Mil. Btu	138	126	114	114	138	147	89	90
Natural gas	Quad. Btu	5.58	5.31	4.94	5.39	1.06	2.24	1.16	.93
Electricity	Quad. Btu	2.47	2.42	2.46	2.48	.42	.57	1.03	.46
Fuel oil, kerosene	Quad. Btu	2.19	1.71	1.55	1.33	.96	.17	.16	.03
Liquid petroleum gas	Quad. Btu	.33	.31	.36	.31	.03	.13	.12	.04
EXPENDITURES									
Total	**Bil. dol.**	**55.5**	**63.2**	**74.8**	**85.0**	**25.6**	**22.1**	**25.5**	**11.7**
Average per household	Dollars	724	815	917	1,022	1,426	1,042	922	721
Natural gas	Bil. dol.	15.3	17.8	19.3	24.5	6.1	9.3	5.3	3.8
Electricity	Bil. dol.	29.9	32.6	40.1	45.9	10.6	10.3	17.7	7.4
Fuel oil, kerosene	Bil. dol.	8.6	10.7	12.5	11.8	8.6	1.5	1.4	.3
Liquid petroleum gas	Bil. dol.	1.7	2.1	2.9	2.7	.3	1.0	1.1	.3
AVERAGE PRICE (per million Btu)									
Total	**Dollars**	**5.25**	**6.49**	**8.03**	**8.93**	**10.36**	**7.10**	**10.37**	**8.00**
Natural gas	Dollars	2.74	3.36	3.90	4.55	5.78	4.16	4.59	4.01
Electricity	Dollars	12.10	13.46	16.32	18.51	25.23	17.93	17.23	15.98
Fuel oil, kerosene	Dollars	3.93	6.29	8.04	8.89	8.92	8.71	8.93	8.76
Liquid petroleum gas	Dollars	5.09	6.71	7.92	8.74	10.52	7.98	9.20	8.50

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures*, annual.

No. 959. Residential Energy Consumption and Expenditures, by Type of Fuel and Selected Household Characteristic: 1982

[For period **April 1981** to **March 1982**. Quad. = quadrillion. See headnote, table 958]

CHARACTERISTIC	CONSUMPTION (Btu's)					EXPENDITURES				
	Total [1] (quad.)	Avg. per household [1] (mil.)	Natural gas (quad.)	Electricity (quad.)	Fuel oil [2] (quad.)	Total [1] (bil. dol.)	Avg. per household [1] (dol.)	Natural gas (bil. dol.)	Electricity (bil. dol.)	Fuel oil [2] (bil. dol.)
Total households	**9.51**	**114**	**5.39**	**2.48**	**1.33**	**85.0**	**1,022**	**24.5**	**45.9**	**11.8**
Single family detached	6.92	127	4.06	1.81	.80	59.4	1,088	17.7	32.5	7.1
Single family attached	.32	107	.19	.07	.06	3.1	1,015	1.0	1.5	.5
2-4 unit building	1.01	108	.62	.20	.19	9.0	969	3.2	4.1	1.7
5 or more unit building	.92	77	.41	.27	.25	10.0	827	2.1	5.6	2.2
Mobile home	.34	80	.12	.13	.04	3.5	843	.5	2.2	.3
Year house built:										
1939 or earlier	3.23	134	1.95	.53	.61	26.4	1,091	9.2	10.6	5.5
1940–1949	.79	113	.47	.18	.11	6.7	964	2.1	3.4	1.0
1950–1959	1.62	120	1.00	.37	.24	13.4	998	4.3	6.9	2.1
1960–1964	.92	120	.55	.23	.10	8.1	1,061	2.5	4.4	.9
1965–1969	.92	109	.52	.27	.11	8.7	1,023	2.4	5.1	.9
1970–1974	1.05	98	.49	.40	.11	10.6	995	2.2	7.0	1.0
1975–1978	.69	90	.30	.33	.04	7.6	977	1.3	5.7	.3
1979 or later	.30	74	.11	.17	.01	3.5	866	.5	2.8	.1
Heating and cooling degree day zones: [3]										
Less than 2,000 CDD and—										
More than 7,000 HDD	1.07	122	.56	.23	.22	8.9	1,016	2.4	4.1	1.9
5,500–7,000 HDD	3.17	151	2.16	.55	.39	24.2	1,156	9.5	10.6	3.5
4,000–5,499 HDD	2.59	120	1.24	.64	.65	24.9	1,152	6.4	12.2	5.7
Less than 4,000 HDD	1.74	89	1.02	.59	.06	15.6	799	4.2	10.3	.5
More than 2,000 CDD and less than 4,000 HDD	.94	77	.42	.46	.02	11.3	925	2.0	8.7	.2
1980 family income:										
Less than $5,000	.85	87	.50	.20	.11	7.5	766	2.3	3.8	1.0
$5,000–$9,999	1.41	105	.80	.32	.23	12.3	906	3.7	6.0	2.0
$10,000–$14,999	1.35	108	.75	.34	.22	12.0	956	3.4	6.2	1.9
$15,000–$19,999	1.14	107	.61	.33	.15	10.5	986	2.8	6.0	1.3
$20,000–$24,999	1.23	114	.67	.34	.17	11.2	1,043	3.1	6.2	1.5
$25,000–$34,999	1.66	125	.99	.45	.19	14.7	1,106	4.4	8.3	1.7
$35,000 and over	1.87	148	1.07	.50	.26	16.8	1,333	4.8	9.4	2.3

[1] Includes liquid petroleum gas, not shown separately. [2] Includes kerosene. [3] CDD = Cooling degree day; HDD = Heating degree day. See fig. 7.3, p. 216.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1981 through March 1982.*

No. 960. Average Residential Energy Consumption and Expenditures of All Fuels Used, by Main Heating Fuel Type and Household Characteristic: 1982

[For period **April 1981 to March 1982.** See headnote, table 958]

Household characteristic	Consumption per household (mil. Btu)					Expenditures per household (dollars)				
	All households [1]	Households using as main heating fuel—				All households [1]	Households using as main heating fuel—			
		Natural	Electricity		Fuel oil [2]		Natural gas	Electricity		Fuel oil [2]
			With air conditioning	Without air conditioning				With air conditioning	Without air conditioning	
Total households	**114**	**136**	**59**	**56**	**138**	**1,022**	**965**	**932**	**711**	**1,565**
Region:										
Northeast	138	155	72	64	149	1,426	1,248	1,307	1,183	1,709
Midwest	147	167	57	61	139	1,042	1,030	841	672	1,489
South	89	118	57	47	103	922	932	931	727	1,228
West	90	103	64	57	110	721	726	773	539	941
Type:										
Single-family detached	127	150	70	71	144	1,088	1,043	1,082	855	1,635
Single-family attached	107	121	53	56	136	1,015	945	865	569	1,531
2-4 unit building	108	117	53	43	144	969	864	793	577	1,595
5 or more unit building	77	83	47	36	129	827	627	803	543	1,493
Mobile home	80	110	54	53	82	843	800	810	624	1,006
Year house built:										
1939 or earlier	134	150	59	57	149	1,091	981	846	633	1,647
1940 to 1949	113	127	74	61	125	964	895	1,032	682	1,421
1950 to 1959	120	134	57	60	135	998	930	900	679	1,532
1960 to 1964	120	140	56	53	128	1,061	1,048	829	531	1,524
1965 to 1969	109	131	58	56	131	1,023	1,008	894	710	1,583
1970 to 1974	98	125	61	51	127	995	936	980	700	1,504
1975 to 1978	90	126	64	57	112	977	987	1,020	697	1,374
1979 or later	74	110	50	60	125	866	850	829	904	1,458
1980 family income:										
Less than $5,000	87	107	47	38	117	766	717	796	498	1,288
$5,000–$9,999	105	125	50	53	126	906	837	781	608	1,396
$10,000–$14,999	108	128	55	52	131	959	883	846	616	1,470
$15,000–$19,999	107	131	57	67	131	986	921	928	933	1,500
$20,000–$24,999	114	136	56	58	143	1,043	967	906	808	1,639
$25,000–$34,999	125	145	71	70	137	1,106	1,057	1,071	862	1,581
$35,000 or more	148	168	75	72	177	1,333	1,247	1,159	838	2,061

[1] Includes households using liquid petroleum gas, not shown separately. [2] Includes kerosene.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1981 through March 1982.*

No. 961. Fossil Fuel Prices in Current and Constant (1972) Dollars: 1960 to 1983

[**In cents per million British thermal units (Btu), except as indicated.** All fuel prices taken as close to the point of production as possible. See text, p. 551, for explanation of Btu conversions from mineral fuels. Minus sign (–) indicates decrease]

Year or period	Current dollars					Constant (1972) dollars					GNP [3] price deflators (1972=100)
	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	
1960	28.4	49.7	12.6	18.9	33.0	41.3	72.3	18.3	27.5	48.0	68.7
1965	27.8	49.3	14.5	18.0	35.3	37.4	66.3	19.5	24.2	47.5	74.4
1970	31.8	54.8	15.4	26.4	47.1	34.8	59.9	16.8	28.9	51.5	91.5
1972	35.1	58.4	17.3	32.9	52.9	35.1	58.4	17.3	31.5	52.9	100.0
1973	39.9	67.1	20.1	36.7	58.9	37.7	63.5	18.9	34.7	55.7	105.8
1974	67.7	118.4	27.3	68.6	98.4	58.8	102.9	23.7	59.6	85.5	115.1
1975	82.6	132.2	41.1	84.3	137.9	65.7	105.1	32.7	67.0	109.6	125.8
1976	90.2	141.2	53.1	85.0	149.0	68.2	106.7	40.1	64.2	112.6	132.3
1977	100.9	147.8	72.3	88.2	150.4	72.0	105.5	51.6	63.0	107.4	140.1
1978	111.7	155.2	83.6	98.3	149.9	74.3	103.2	55.6	65.4	99.7	150.4
1979	141.8	217.9	108.1	105.7	174.1	86.8	133.3	66.1	64.7	106.5	163.4
1980	204.3	372.2	144.8	109.7	182.1	114.5	208.7	81.2	61.5	102.1	178.4
1981	274.7	547.8	179.5	118.2	186.9	140.8	280.7	92.0	60.6	95.8	195.1
1982	275.9	491.7	222.2	122.9	210.4	133.4	237.7	107.4	59.1	101.7	206.9
1983, prel	273.4	449.5	234.9	127.2	223.2	126.8	208.4	108.9	59.0	103.5	215.7
Percent change:											
1960–70	12.0	10.3	22.2	39.6	42.7	–15.7	–17.2	–8.2	5.1	7.3	33.2
1970–73	25.5	22.4	30.5	39.0	25.1	8.3	6.0	11.3	20.1	8.2	15.6
1973–75	107.0	97.0	104.4	129.7	134.1	74.3	65.5	73.0	93.1	96.8	18.9
1975–79	71.7	64.8	163.0	25.4	26.3	32.1	26.8	102.1	–3.4	–2.8	29.9
1979–80	44.1	70.8	34.0	3.8	4.6	31.9	56.6	22.8	–4.9	–4.1	9.2
1980–81	34.5	11.3	24.0	7.7	2.6	23.0	34.5	13.3	–1.5	–6.2	9.4
1981–82	.4	–10.2	23.8	3.5	12.6	–5.3	–15.3	16.7	–2.5	6.2	6.0
1982–83, prel	–.9	–8.6	5.7	4.0	6.1	–4.9	–12.3	1.4	–.2	1.8	4.3

[1] Weighted by relative importance of individual fuels in total fuels production. [2] Includes lignite. [3] GNP=Gross national product; see text, p. 465.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 962. World Energy Consumption, by Region and Energy Source: 1960 to 1980

[In tons of coal equivalent. Metric ton=1.1023 short tons. See text, p. 836, for general comments about the data]

REGION AND ENERGY SOURCE	CONSUMPTION (mil. metric tons)									PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1976	1977	1978	1979	1980	1960	1970	1980
World total	**3,970**	**4,971**	**6,430**	**7,462**	**7,672**	**8,076**	**8,318**	**8,634**	**8,548**	**100.0**	**100.0**	**100.0**
United States	1,477	1,783	2,227	2,284	2,378	2,406	2,428	2,470	2,370	37.2	34.6	27.7
Western Europe	783	1,003	1,295	1,407	1,502	1,482	1,516	1,619	1,559	19.7	20.1	18.2
Japan	109	178	317	354	407	413	419	431	431	2.7	4.9	5.0
Centrally planned economies [1]	1,201	1,444	1,783	2,292	2,400	2,522	2,630	2,715	2,745	30.3	27.7	32.1
Rest of world	400	563	808	1,125	1,185	1,253	1,325	1,399	1,443	10.1	12.6	16.9
Energy source:												
Solid fuels	1,981	2,070	2,184	2,309	2,398	2,448	2,491	2,637	2,669	49.9	34.0	31.2
Liquid fuels	1,311	1,902	2,798	3,374	3,603	3,716	3,800	3,867	3,709	33.0	43.5	43.4
Natural gas	593	882	1,293	1,556	1,640	1,663	1,754	1,842	1,871	14.9	20.1	21.9
Electricity	85	116	155	223	231	248	274	288	300	2.1	2.4	3.5

[1] Includes China, Dem. People's Rep. of Korea, Mongolia, Vietnam, Albania, Bulgaria, Czechoslovakia, German Dem. Rep., Hungary, Poland, Romania, and Soviet Union.

Source: Statistical Office of the United Nations, New York, NY, *Yearbook of World Energy Statistics.* (Copyright.)

No. 963. World Primary Energy Production, by Region and Type: 1973 to 1982

[In quadrillion Btu. Btu=British thermal units. For Btu conversion factors, see source]

REGION AND TYPE	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
World total	**246.3**	**250.4**	**247.5**	**261.8**	**270.5**	**276.0**	**290.4**	**289.1**	**283.4**	**281.2**
North America	73.8	72.7	71.3	71.5	72.5	74.2	78.3	80.7	81.0	81.4
United States	62.4	61.2	60.0	60.0	60.2	61.2	63.8	64.7	64.3	63.6
Central and South America	12.9	12.1	10.6	10.8	11.0	11.4	12.4	12.1	12.0	11.7
Western Europe	19.6	20.0	21.4	22.3	23.9	24.8	27.4	28.7	29.9	30.6
Eastern Europe and U.S.S.R	51.4	54.2	56.5	59.5	62.2	64.6	66.8	68.7	68.9	71.4
Middle East	46.6	48.3	43.6	49.2	49.8	47.2	48.4	41.7	35.9	29.2
Africa	14.8	13.9	13.2	15.4	16.4	16.5	18.1	17.5	14.9	14.8
Far East and Oceania	27.3	29.2	30.9	33.2	34.6	37.3	39.1	39.7	40.8	42.1
Crude oil	117.8	118.1	111.6	121.3	126.0	126.3	131.5	125.5	117.5	111.6
Natural gas	43.2	44.0	43.9	45.8	47.1	48.5	51.7	53.3	53.8	52.8
Natural gas liquids	4.2	4.4	4.4	4.5	4.7	4.8	5.2	5.5	5.9	5.8
Coal	65.3	66.3	68.7	70.7	71.8	73.2	77.7	79.2	79.3	82.5
Hydroelectric power	13.5	14.8	15.0	15.1	15.5	16.7	17.6	18.2	18.4	19.2
Nuclear	2.2	2.9	3.9	4.5	5.4	6.5	6.7	7.5	8.6	9.3

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 964. Daily International Flow of Crude Oil, by Area: 1981

[In thousands of barrels per day]

EXPORTING AREA	Total	IMPORTING AREA								
		North America		Central and South America	Western Europe		Eastern Europe	Middle East and Africa	Japan	Other Far East and Oceania
		U.S.	Canada		Atlantic Ocean, North Sea	Mediterranean Sea				
World total	**27,792**	**4,397**	**509**	**2,738**	**5,702**	**4,504**	**1,835**	**1,267**	**3,921**	**2,918**
North America	1,490	633	97	405	70	213	-	-	72	-
United States	228	(X)	45	[1] 183	-	-	-	-	-	-
Central and South America	1,587	333	140	686	103	170	2	17	81	55
Western Europe	1,458	483	35	50	869	18	-	-	3	-
U.S.S.R.	2,400	-	-	100	340	330	1,510	32	2	85
Middle East	14,464	1,226	204	915	3,328	2,706	248	1,091	2,690	2,056
Africa	4,200	1,371	33	441	972	1,047	75	72	92	97
Far East and Oceania	2,192	351	-	141	20	20	-	55	980	625

- Represents zero. X Not applicable. [1] Includes shipments to Puerto Rico and Virgin Islands.

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 965. U.S. Foreign Trade in Selected Mineral Fuels: 1960 to 1983

[Btu=British thermal units. For Btu conversion factors, see text, p. 551. Minus sign (−) indicates an excess of imports over exports. See also *Historical Statistics, Colonial Times to 1970*, series M 100, 101, 127, 128, 140, 141, 178, and 181]

YEAR	NATURAL GAS						CRUDE OIL					
	Imports		Exports		Net trade		Imports [1]		Exports		Net trade	
	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	155.6	161	11.3	12	−144.3	−149	372	2,196	3	18	−369	−2,178
1965	456.4	471	26.1	27	−430.3	−444	452	2,654	1	6	−451	−2,648
1970	820.8	846	69.8	72	−751.0	−774	483	2,814	5	29	−478	−2,785
1971	934.5	964	80.2	83	−854.3	−881	613	3,573	1	3	−612	−3,570
1972	1,019.5	1,047	78.0	80	−941.5	−967	811	4,712	(z)	1	−811	−4,710
1973	1,032.9	1,060	77.2	79	−955.7	−981	1,184	6,887	1	4	−1,183	−6,883
1974	959.3	985	76.8	78	−882.5	−907	1,269	7,395	1	6	−1,268	−7,389
1975	953.0	978	72.7	74	−880.3	−904	1,498	8,721	2	12	−1,496	−8,709
1976	963.8	988	64.7	66	−899.1	−922	1,935	11,239	3	17	−1,932	−11,221
1977	1,011.0	1,037	55.6	56	−955.4	−981	2,414	14,027	18	106	−2,396	−13,921
1978	965.5	995	52.5	53	−913.0	−941	2,320	13,460	58	335	−2,262	−13,125
1979	1,253.4	1,300	55.7	56	−1,197.7	−1,243	2,380	13,825	86	497	−2,294	−13,328
1980	984.8	1,006	48.7	49	−900.1	−957	1,926	11,195	105	609	−1,821	−10,586
1981	903.9	917	59.4	60	−844.5	−857	1,605	9,336	83	482	−1,522	−8,854
1982	933.3	950	51.7	52	−881.6	−898	1,273	7,416	86	500	−1,187	−6,916
1983, prel.	944.0	961	55.0	56	−889.0	−905	1,215	7,076	60	348	−1,155	−6,728

YEAR	COAL						PETROLEUM PRODUCTS					
	Imports		Exports		Net trade		Imports		Exports		Net trade	
	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	262	7	37,981	1,023	33,720	1,017	293	1,802	71	413	−222	−1,389
1965	184	5	51,032	1,377	50,848	1,372	449	2,748	67	386	−382	−2,366
1970	36	1	71,733	1,936	71,697	1,935	765	4,656	89	520	−676	−4,136
1971	111	3	57,304	1,548	57,193	1,543	819	4,968	81	470	−738	−4,498
1972	47	1	56,740	1,531	56,693	1,530	924	5,587	81	467	−843	−5,120
1973	127	3	53,587	1,425	53,460	1,422	1,099	6,578	84	482	−1,015	−6,097
1974	2,080	52	60,661	1,620	58,581	1,568	962	5,731	79	458	−883	−5,273
1975	940	24	66,309	1,761	65,369	1,738	712	4,227	74	427	−638	−3,800
1976	1,203	30	60,021	1,597	58,818	1,567	741	4,434	79	452	−662	−3,982
1977	1,647	41	54,312	1,442	52,665	1,401	800	4,728	70	408	−730	−4,321
1978	2,953	74	40,714	1,078	37,761	1,004	733	4,364	74	432	−659	−3,932
1979	2,059	51	66,042	1,753	63,983	1,702	707	4,108	86	505	−621	−3,603
1980	1,194	30	91,742	2,421	90,548	2,391	603	3,463	94	551	−509	−2,912
1981	1,043	26	112,541	2,944	111,498	2,916	584	3,303	134	781	−450	−2,522
1982	742	19	106,277	2,787	105,535	2,768	593	3,359	211	1,224	−382	−2,135
1983, prel.	1,271	32	77,772	2,045	76,501	2,013	615	3,481	210	1,218	−405	−2,263

Z Less than 500,000. [1] Beginning 1977 includes strategic petroleum reserve imports.

Source: U.S. Energy Information Administration, *Annual Energy Review*, and *Monthly Energey Reivew*, May 1984.

No. 966. Crude Oil Imports Into U.S., by Country of Origin: 1970 to 1983

COUNTRY OF ORIGIN	IMPORTS (mil. 42-gal. bbls.)												PERCENT DISTRIBUTION	
	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1970	1983
Total	**483**	**1,184**	**1,269**	**1,498**	**1,935**	**2,414**	**2,320**	**2,380**	**1,926**	**1,605**	**1,273**	**1,215**	**100.0**	**100.0**
Canada	245	365	289	219	136	102	90	99	73	60	78	100	50.7	8.2
Mexico	-	(z)	1	28	32	65	115	160	186	171	235	280	-	23.0
Norway	-	-	(z)	5	13	18	38	28	53	42	37	24	-	2.0
Trinidad-Tobago	(z)	22	23	42	38	49	52	45	42	37	34	30	(z)	2.5
United Kingdom	-	-	-	-	5	36	62	72	63	135	161	133	-	10.9
OPEC	**222**	**767**	**926**	**1,171**	**1,663**	**2,058**	**1,892**	**1,866**	**1,414**	**1,067**	**633**	**540**	**46.0**	**44.4**
Algeria	2	44	66	96	149	198	231	222	167	95	33	64	.4	5.3
Ecuador	-	17	15	21	19	20	14	11	6	14	12	21	-	1.7
Gabon	-	-	9	10	10	13	14	15	9	13	14	21	-	1.7
Indonesia	26	73	103	138	196	185	195	139	115	116	82	115	5.4	9.5
Iran	12	79	169	102	109	193	202	108	3	-	13	18	2.5	1.5
Iraq	-	2	-	(z)	10	27	23	32	10	-	1	4	-	.3
Kuwait	12	15	2	1	(z)	15	2	2	10	-	1	3	2.5	.2
Libya	17	49	1	81	162	257	233	234	200	116	8	-	3.5	-
Nigeria	17	164	254	272	371	412	332	390	308	223	186	110	3.5	9.1
Qatar	-	3	6	7	9	24	23	11	8	3	3	-	-	-
Saudi Arabia	15	169	160	256	447	501	417	492	456	406	194	117	3.1	9.6
United Arab Emirates	23	26	25	43	93	122	141	103	63	28	30	7	4.8	.6
Venezuela	98	126	116	144	88	91	66	107	57	54	56	60	20.3	4.9
Other	16	30	30	35	48	86	71	110	95	93	95	108	3.3	8.9

- Represents zero. Z Less than 500,000 or less than .05 percent.

Source: 1970–1976, U.S. Bureau of Mines, *Minerals Yearbook* and *Mineral Industry Surveys*; 1977–1980, U.S. Energy Information Administration, *Petroleum Statement*, annual; thereafter, U.S. Energy Information Administration, *Petroleum Supply Annual*.

No. 967. Crude Oil and Refined Products Summary: 1973 to 1984

[Barrels of 42 gallons]

Year and month	Crude oil (1,000 bbl. per day)					Refined oil products (1,000 bbl. per day)			Total oil imports [2] (1,000 bbl. per day)	Crude oil stocks [3] (mil. bbl.)	
	Input to refineries	Domestic production	Imports		Exports	Domestic demand	Imports	Exports		Total	Strategic reserve
			Total [1]	Strategic reserve							
1973, avg	12,431	9,208	3,244	(X)	2	17,308	3,012	229	6,256	242	(X)
1974, avg	12,133	8,774	3,477	(X)	3	16,653	2,635	218	6,112	265	(X)
1975, avg	12,442	8,375	4,105	(X)	6	16,322	1,951	204	6,056	271	(X)
1976, avg	13,416	8,132	5,287	(X)	8	17,461	2,026	215	7,313	285	(X)
1977, avg	14,602	8,245	6,615	21	50	18,431	2,193	193	8,807	348	7
1978, avg	14,739	8,707	6,356	162	158	18,847	2,008	204	8,363	376	67
1979, avg	14,648	8,552	6,519	67	235	18,513	1,937	236	8,456	430	91
1980, avg	13,481	8,597	5,263	44	287	17,056	1,646	258	6,909	468	108
1981, avg	12,470	8,572	4,396	256	228	16,058	1,599	367	5,996	594	230
1982, avg	11,774	8,649	3,488	165	236	15,296	1,625	579	5,113	644	294
1983, avg	11,685	8,686	3,329	234	164	15,231	1,722	575	5,051	723	379
1st qtr	10,878	8,718	2,507	206	184	15,018	1,444	695	3,951	667	312
2d qtr	11,839	8,691	3,352	228	171	14,829	1,696	640	5,047	683	332
3d qtr	12,331	8,700	4,103	311	165	15,335	1,907	474	6,010	708	361
4th qtr	11,673	8,646	3,332	189	140	15,729	1,835	491	5,167	723	379
1984, [4] avg	12,001	8,714	3,369	193	198	15,819	2,095	517	5,463	766	414
1st qtr	11,872	8,701	3,145	144	191	16,044	2,269	475	5,414	728	392
2d qtr	12,133	8,728	3,585	242	204	15,579	1,928	558	5,513	766	414

X Not applicable. [1] Includes Strategic Petroleum Reserve. [2] Crude oil (including Strategic Petroleum Reserve imports) plus refined products. [3] End of year or quarter. [4] Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, May 1984.

No. 968. Energy Producing Companies—Selected Financial and Investment Indicators, 1976 to 1982, and by Line-of-Business, 1982

[Based on data from 26 major publicly-owned domestic crude oil producing companies which either had at least one percent of domestic production or reserves of oil, natural gas, coal, or uranium, or at least one percent of refining capacity or petroleum product sales]

Item	1976	1977	1978	1979	1980	1981	1982, prel.					
							Total [1]	Line-of-business				
								Petroleum	Coal	Nuclear	Other energy	Non-energy
INCOME STATEMENT (bil. dol.)												
Operating revenues	243.7	266.6	294.8	392.6	518.6	575.7	549.7	465.5	5.6	.8	1.0	91.8
Operating expenses	219.8	239.3	265.0	345.8	455.9	520.8	504.2	415.6	5.2	.9	1.5	93.1
Operating income	24.0	27.3	29.8	46.8	62.7	54.8	45.5	49.9	.4	−.1	−.5	−1.4
Pretax income	26.0	28.2	30.2	48.6	66.9	60.0	45.2	52.6	.5	−.1	−.7	−.9
Net income	12.0	12.7	13.9	23.5	31.0	30.0	21.8	25.0	.4	−.1	−.2	.4
Funds from operations [2]	23.7	27.3	31.2	45.4	59.0	61.8	60.4	(NA)	(NA)	(NA)	(NA)	(NA)
BALANCE SHEET (bil. dol.)												
Net property, plant, and equipment	111.1	125.9	138.1	159.3	188.9	224.9	265.5	193.9	8.4	1.2	3.7	53.5
Net investment in place [3]	120.2	135.1	148.1	169.9	202.6	240.8	282.5	200.7	9.3	1.2	4.0	60.3
Total assets	196.9	217.1	237.1	282.8	333.0	372.5	411.9	(NA)	(NA)	(NA)	(NA)	(NA)
RATIOS (percent)												
Net income to operating revenues	4.9	4.8	4.7	6.0	6.0	5.2	4.0	5.4	7.0	−12.5	−20.0	−.4
Net income to total assets	6.1	5.8	5.9	8.3	9.3	8.0	5.3	(NA)	(NA)	(NA)	(NA)	(NA)
Net income to stockholders' equity	13.1	12.6	12.8	18.6	21.1	18.1	11.9	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to stockholders' equity [4]	38.7	38.9	35.6	33.7	31.5	32.2	37.1	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to total assets [4]	18.0	18.0	16.3	14.9	13.9	14.3	16.6	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes items which cannot be allocated and adjusted for duplication, not shown separately. [2] The sum of net income, depreciation, depletion and amortization, deferred taxes, dry hole expenses, etc. [3] Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. [4] Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, *Performance Profiles of Major Energy Producers*, annual, and unpublished data.

No. 969. Petroleum and Coal Products—Sales, Net Profit, and Profit Per Dollar of Sales: 1974 to 1983

[Represents SIC group 29. Profit rates are averages of quarterly figures at annual rates]

ITEM	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Sales	Bil. dol.	113.5	121.8	141.3	162.3	180.3	242.7	333.2	376.1	357.1	312.7
Net profit:											
Before income taxes	Bil. dol.	17.7	13.3	16.9	17.8	19.2	32.2	39.1	35.3	27.8	27.1
After income taxes	Bil. dol.	14.5	9.3	11.7	12.2	12.8	21.9	25.5	23.7	19.7	19.3
Depreciation [1]	Bil. dol.	5.1	5.6	5.9	6.6	7.7	9.5	11.6	13.7	16.3	17.5
Profits per dollar of sales:											
Before income taxes	Cents	15.6	10.9	12.0	11.0	10.6	13.3	11.7	9.4	7.8	8.6
After income taxes	Cents	12.8	7.6	8.3	7.5	7.1	9.0	7.7	6.3	5.5	6.2
Profits on stockholders' equity:											
Before income taxes	Percent	25.8	17.9	20.3	19.9	19.8	30.0	30.7	25.6	18.7	17.8
After income taxes	Percent	21.1	12.5	14.1	13.6	13.3	20.4	20.0	17.2	13.2	12.7

[1] Includes depletion and accelerated amortization of emergency facilities.

Source: Through 1981, U.S. Federal Trade Commission and, beginning 1982, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 970. Major Petroleum Companies—Financial Data Summary: 1970 to 1983

[Data represent a composite of approximately 41 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
FINANCIAL DATA (bil. dol.)												
Net income	6.9	11.8	15.9	11.6	14.3	15.1	16.0	32.8	32.9	29.2	21.1	21.8
Depreciation, depletion, etc.	7.4	10.5	13.0	11.3	14.8	18.3	19.8	24.9	32.5	34.9	37.2	39.2
Cash flow [1]	14.2	22.3	28.9	22.8	29.1	33.4	35.8	57.7	65.4	64.1	58.3	61.0
Dividends paid	3.8	4.0	4.5	4.7	5.4	6.3	6.8	8.0	9.3	10.6	10.6	10.9
Net internal funds available for investment or debt repayment [2]	10.5	18.3	24.5	18.1	23.7	27.1	29.0	49.7	56.1	53.5	47.7	50.1
Capital and exploratory expenditures	13.3	16.3	25.8	26.9	30.7	31.6	37.1	51.1	62.1	79.2	67.8	55.1
Long-term capitalization	84.5	102.9	112.9	121.1	142.9	150.1	168.0	196.9	211.4	248.1	243.8	253.5
Long-term debt	18.5	22.5	25.0	28.9	39.1	38.4	45.1	48.1	49.8	59.2	62.6	63.5
Preferred stock	1.3	.4	.4	.4	.3	.9	.9	.9	2.0	2.0	3.5	3.5
Common stock and retained earnings [3]	64.6	80.0	87.4	91.9	103.5	110.8	122.0	147.9	159.6	186.9	177.7	186.5
Excess of expenditures over cash income [4]	2.8	−2.0	1.3	8.9	6.9	4.7	8.1	1.4	6.0	25.7	20.1	5.0
RATIOS [5] (percent)												
Long-term debt to long-term capitalization	21.9	22.0	22.2	23.8	27.4	25.6	26.8	24.4	23.6	23.8	25.7	25.0
Net income to total average capital	8.3	12.0	14.8	10.0	10.7	10.1	9.9	17.8	17.0	10.4	8.6	8.8
Net income to average common equity	10.7	15.6	19.0	13.1	14.3	13.9	13.5	24.0	22.5	17.7	11.5	12.0

[1] Generally represents internally-generated funds from operations. Sum of net income and noncash charges such as depreciation, depletion, and amortization. [2] Cash flow minus dividends paid. [3] Includes common stock, capital surplus, and earned surplus accounts after adjustments. [4] Capital and exploratory expenditures plus dividends paid minus cash flow. [5] Represent approximate year-to-year comparisons because of changes in the makeup of the group due to mergers and other corporate changes.

Source: Carl H. Pforzheimer & Co., New York, NY, *Comparative Oil Company Statements, 1982-1983*, and earlier reports.

No. 971. Electric Utility Production, 1960 to 1983, and Projections, 1985 and 1990

[1960-1983 exclude industrial facilities and railways having own generating facilities; projections include net trade and industrial facilities and railways. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1960	1965	1970	1975	1980	1981	1982	1983, prel.	1985, proj.	1990, proj.
Electricity generation (bil. kWh)	753	1,055	1,532	1,918	2,286	2,295	2,241	2,310	2,600	3,021
Average annual percent change [1]	6.7	7.0	7.7	1.5	3.6	.4	−2.3	3.1	3.5	3.1
Per capita [2] kWh (1,000)	4.2	5.5	7.5	9.0	10.1	10.0	9.7	9.9	(NA)	(NA)
Peak load net capability, summer (mil. kW)	136	189	276	345	430	433	418	451	480	552
Average annual percent change [1]	7.1	6.5	7.9	1.6	6.7	.2	−3.5	7.9	3.2	15.0

NA Not available. [1] Change from prior year shown; for 1960, change from 1955. [2] Based on U.S. Bureau of the Census estimated resident population as of July 1.

Source: 1960-1975, U.S. Federal Power Commission, unpublished data; 1980, U.S. Energy Information Administration, *Electric Energy and Peak Load*, annual; thereafter, *Electric Power Annual.*

No. 972. Electric Utility Industry—Electric Energy Production and Installed Generating Capacity, by Type of Prime Mover and Consumption of Fuels: 1960 to 1983

[Production for **calendar years**; other data as of **December 31**, 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series S 32-52, S 78-82, and S 86-107]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
PRODUCTION											
Total	**Bil. kWh**	**753**	**1,055**	**1,532**	**1,918**	**2,206**	**2,247**	**2,286**	**2,295**	**2,241**	**2,310**
Average annual change [1]	Percent	6.6	7.0	7.8	4.6	4.8	1.9	1.7	.4	−2.4	3.1
Production, kWh per kW of capacity	Number	4,482	4,470	4,480	3,776	3,810	3,758	3,723	3,614	3,448	3,511
Privately owned	Bil. kWh	579	809	1,183	1,487	1,721	1,756	1,783	1,786	1,712	1,764
Percent of total utilities	Percent	76.8	76.7	77.2	77.5	78.0	78.1	78.0	77.0	76.4	76.4
Publicly owned	Bil. kWh	175	246	349	431	485	491	503	509	530	546
Municipal	Bil. kWh	37	50	71	82	90	87	87	81	77	73
Federal	Bil. kWh	112	145	166	221	235	236	235	232	241	258
Cooperatives and other	Bil. kWh	26	51	91	126	160	168	182	196	212	215
Source of energy:											
Coal [2]	Percent	53.5	54.1	46.2	44.7	44.4	48.1	51.1	52.7	53.4	54.8
Nuclear	Percent	.1	.4	1.4	9.0	12.5	11.4	11.0	11.9	12.6	12.7
Oil	Percent	6.1	6.1	11.9	15.1	16.5	13.5	10.7	9.0	6.5	6.2
Gas	Percent	21.0	21.0	24.3	15.6	13.8	14.7	15.1	15.1	13.6	11.9
Hydro	Percent	19.3	18.4	16.2	15.6	12.7	12.4	12.1	11.4	13.8	14.4
INSTALLED CAPACITY											
Total	**Mil. kW**	**168**	**236**	**342**	**508**	**579**	**598**	**614**	**635**	**650**	**658**
Average annual change [1]	Percent	8.1	7.0	7.7	8.2	4.5	3.3	2.7	3.4	2.4	1.2
Privately owned	Mil. kW	128	178	263	399	454	464	477	491	499	505
Percent of total utilities	Percent	76.5	75.2	76.9	78.5	78.3	77.6	77.7	77.3	76.8	76.8
Publicly owned	Mil. kW	40	59	79	109	126	134	137	144	151	153
Municipal	Mil. kW	11	15	21	29	34	34	35	35	36	37
Federal	Mil. kW	22	32	39	50	54	58	59	61	63	63
Cooperatives and other	Mil. kW	6	11	19	30	37	42	43	48	52	53
TYPE OF PRIME MOVER [3]											
Prime movers, total [4]	Number	3,435	3,290	3,533	3,567	3,586	3,573	3,575	3,567	3,515	3,486
Hydro	Number	1,331	1,231	1,188	1,146	1,146	1,145	1,142	1,147	1,168	1,182
Steam conventional	Number	1,055	1,059	998	937	922	925	934	937	916	910
Gas turbine	Number			323	497	529	537	541	540	541	542
Steam nuclear	Number	5	9	16	42	50	51	51	53	53	55
Internal combustion	Number	1,044	991	1,008	985	939	915	907	890	837	797
Production	Bil. kWh	753	1,055	1,532	1,918	2,206	2,247	2,286	2,295	2,241	2,310
Hydro	Bil. kWh	146	194	248	300	280	280	276	261	309	332
Steam conventional	Bil. kWh	602	852	1,241	1,417	1,613	1,680	1,731	1,736	1,633	1,668
Gas turbine	Bil. kWh			16	22	31	28	24	22	14	14
Steam nuclear	Bil. kWh	1	4	22	173	276	255	251	273	283	294
Internal combustion	Bil. kWh	4	5	6	6	5	4	4	3	2	2
Installed capacity	Mil. kW	168	236	342	508	579	598	614	635	650	658
Hydro	Mil. kW	32	44	55	66	71	75	76	77	78	79
Steam conventional	Mil. kW	133	188	260	353	400	412	425	440	452	456
Gas turbine	Mil. kW			15	44	49	51	51	51	52	52
Steam nuclear	Mil. kW	(z)	1	6	40	54	55	58	61	63	67
Internal combustion	Mil. kW	3	3	4	5	6	5	6	6	5	5
CONSUMPTION OF FUELS											
Net generation by fuel [5]	Bil. kWh	607	861	1,284	1,618	1,926	1,968	2,010	2,034	1,932	1,978
Average annual change [1]	Percent	6.9	7.2	7.6	4.7	6.0	2.2	2.1	1.2	−5.0	2.4
Coal [6]	Bil. kWh	403	571	706	853	977	1,076	1,162	1,204	1,192	1,260
Percent of total	Percent	66.4	66.3	54.3	52.7	50.7	54.7	57.8	59.2	61.7	63.7
Fuel oil	Bil. kWh	46	65	182	289	364	303	246	206	146	144
Gas	Bil. kWh	158	221	373	300	305	329	346	346	305	274
Nuclear	Bil. kWh	1	4	22	173	276	255	251	273	283	294
Fuel consumed:											
Total coal equivalent	Mil. sh. tons	266	369	583	770	950	965	985	1,009	982	982
Coal, including lignite	Mil. sh. tons	177	245	321	406	482	527	569	597	594	625
Oil	Mil. bbl	85	115	336	506	636	523	420	351	250	245
Gas	Bil. cu. ft	1,724	2,321	3,932	3,158	3,188	3,491	3,682	3,640	3,226	2,911

NA Not available. Z Less than .5 million. [1] Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes small percentage from wood and waste, geothermal, and petroleum coke. [3] A prime mover is the engine, turbine, water wheel, or similar machine which drives an electric generator. [4] Each prime mover type in combination plants counted separately. [5] Includes limited output of wood, waste, and geothermal power. [6] Includes petroleum coke.

Source: 1960-1970, U.S. Federal Power Commission, *Electric Power Statistics*, and press releases; thereafter, U.S. Energy Information Administration, 1975-1980, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual*, and unpublished data; thereafter, *Electric Power Annual*, and unpublished data.

No. 973. Electric Utility Industry—Capability, Peak Load, and Capability Margin: 1970 to 1982

[Excludes Alaska and Hawaii. Minus sign (–) indicates decrease]

Year	Capability			Peak load		Capability margin	
	Total (mil. kW)	Annual increase (mil. kW)	Annual percent increase [1]	Total (mil. kW)	Annual percent change [1]	Total (mil. kW)	Percent of capability
1970: Summer	326.9	26.6	8.9	274.7	6.6	52.3	16.0
December	339.1	27.6	8.9	248.6	5.1	90.5	26.7
1974: Summer	444.4	28.9	7.0	349.3	1.6	95.2	21.4
Winter	467.4	34.2	7.9	302.5	2.5	164.9	35.3
1975: Summer	479.3	34.9	7.9	356.8	2.2	122.5	25.6
Winter	492.5	25.1	5.4	331.1	9.5	161.4	32.8
1976: Summer	498.8	19.5	4.1	370.9	4.0	127.9	25.6
Winter	511.0	18.5	3.8	349.9	5.7	161.1	31.5
1977: Summer	516.0	17.3	3.5	396.4	6.9	119.7	23.2
Winter	537.6	26.6	5.2	360.2	2.9	177.4	33.0
1978: Summer	545.7	29.7	5.8	408.1	3.0	137.7	25.2
Winter	561.6	24.0	4.5	383.1	6.4	178.5	31.8
1979: Summer	558.3	12.6	2.2	411.6	.9	146.7	26.3
Winter	569.2	7.6	1.4	380.7	–.6	188.5	33.1
1980: Summer	558.5	.2	(z)	427.1	3.8	131.5	23.5
Winter	572.2	3.0	.5	384.6	1.0	187.6	32.8
1981: Summer	572.1	13.5	2.4	428.3	.3	143.8	25.1
Winter	581.1	8.9	1.6	391.1	1.7	190.0	32.7
1982: Summer	577.8	5.8	1.1	414.9	–3.1	162.9	28.2
Winter	(NA)	(NA)	(NA)	373.3	–4.5	(NA)	(NA)

NA Not available. Z Less than .05 percent. [1] Percent change from previous year; e.g., 1970 from 1969 and 1974 from 1973.

Source: Edison Electric Institute, Washington, DC, *1982 Statistical Year Book of the Electric Utility Industry* and *1983 Annual Electric Power Survey.*

No. 974. Electric Energy—Production and Installed Generating Capacity, by State: 1975 to 1983

[Capacity as of Dec. 31. Covers utilities for public use]

Division and state	Production (bil. kWh)			Installed capacity (mil. kW)		
	1975	1980	1983	1975	1980	1983
U.S	**1,917.6**	**2,286.4**	**2,310.3**	**508.3**	**613.5**	**658.2**
N.E	**69.9**	**78.2**	**78.2**	**20.4**	**21.1**	**21.3**
ME	7.9	7.9	9.7	1.7	2.4	2.4
NH	4.7	6.0	5.3	1.6	1.6	1.5
VT	4.5	3.8	3.9	.9	.9	.9
MA	30.5	34.8	34.7	9.4	9.6	10.1
RI	.8	1.0	.6	.3	.3	.3
CT	21.4	24.7	23.9	6.4	6.3	6.1
M.A	**238.8**	**260.5**	**255.9**	**67.5**	**78.4**	**80.5**
NY	107.3	108.6	104.9	28.4	31.4	31.9
NJ	23.2	29.4	27.3	11.4	12.6	13.8
PA	108.2	122.5	123.6	27.7	34.4	34.8
E.N.C	**356.4**	**397.0**	**386.2**	**91.5**	**107.9**	**110.8**
OH	102.6	110.2	105.9	24.8	27.4	27.8
IN	59.4	70.6	70.9	13.4	17.1	18.6
IL	92.8	103.4	99.2	25.6	29.9	31.0
MI	68.2	74.8	70.9	18.9	22.7	22.6
WI	33.5	37.8	39.3	8.9	10.7	10.8
W.N.C	**132.4**	**168.2**	**173.1**	**36.9**	**49.0**	**54.7**
MN	25.3	31.5	30.0	6.8	8.8	8.6
IA	15.9	21.8	22.3	5.4	7.3	8.7
MO	40.4	48.9	52.7	11.1	13.8	15.7
ND	8.3	15.8	19.6	1.7	3.4	3.8
SD	10.1	8.6	7.8	2.1	2.2	2.3
NE	13.3	16.3	17.1	3.8	5.1	6.0
KS	19.1	25.1	23.8	6.0	8.3	9.6
S.A	**342.3**	**417.8**	**431.3**	**92.5**	**111.5**	**120.3**
DE	6.0	6.7	9.5	1.5	1.6	2.0
MD	26.9	32.2	32.6	7.6	9.2	9.8
DC	1.2	.7	.2	1.3	1.2	.9
S.A.—Con.						
VA	35.3	34.3	37.7	9.7	11.7	11.6
WV	61.4	70.8	72.5	11.9	15.2	15.1
NC	53.3	72.1	74.7	15.0	15.6	18.3
SC	38.6	41.9	46.0	10.7	11.7	13.2
GA	41.7	63.3	66.6	13.0	16.3	17.5
FL	77.8	95.9	91.5	21.7	29.0	31.9
E.S.C	**171.8**	**214.1**	**216.7**	**46.1**	**53.3**	**59.6**
KY	51.1	57.1	57.7	12.1	13.6	16.0
TN	54.6	60.2	69.4	14.3	15.9	18.3
AL	54.7	78.3	76.2	15.2	18.2	19.2
MS	11.4	18.5	13.4	4.6	5.5	6.1
W.S.C	**234.0**	**313.1**	**319.0**	**65.8**	**84.7**	**94.2**
AR	13.7	19.7	30.1	4.9	7.2	8.8
LA	39.2	45.7	37.0	11.6	12.9	15.6
OK	33.3	44.6	45.7	7.9	11.3	12.4
TX	147.8	203.0	206.2	41.4	53.3	57.4
Mt	**111.5**	**158.8**	**177.7**	**27.6**	**35.8**	**41.7**
MT	11.9	15.5	15.1	2.4	3.2	3.2
ID	10.3	9.5	12.8	1.7	2.0	2.0
WY	11.9	22.4	26.3	2.8	4.1	5.8
CO	16.6	23.6	25.2	4.3	6.1	6.8
NM	19.7	24.7	27.2	4.1	5.0	5.4
AZ	21.7	36.9	41.4	7.5	9.4	10.9
UT	5.8	12.1	12.4	1.2	2.1	3.0
NV	13.7	14.1	17.4	3.5	3.9	4.5
Pac	**260.6**	**278.8**	**272.3**	**60.0**	**71.9**	**75.1**
WA	93.0	92.3	95.1	16.8	23.0	21.8
OR	34.5	36.6	49.2	7.6	8.5	10.6
CA	125.4	140.3	117.7	33.7	37.8	39.8
AK	2.2	3.1	3.7	.7	1.1	1.3
HI	5.5	6.5	6.5	1.2	1.4	1.6

Source: U.S. Energy Information Administration, 1975 and 1980, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual;* thereafter, *Electric Power Annual.*

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No. 975. Privately and Publicly Owned Electric Utility Generating Plants—Number and Capacity, by Type and Size of Prime Mover: 1970 to 1983

[Capacity as of **Dec. 31.** Each prime mover type in combination plants is counted separately. For definition of prime mover, see table 972, footnote 3]

Type and size of prime mover	Privately owned						Publicly owned					
	Number of prime movers			Capacity (mil. kW)			Number of prime movers			Capacity (mil. kW)		
	1970	1980	1983	1970	1980	1983	1970	1980	1983	1970	1980	1983
Total	**2,037**	**2,094**	**2,035**	**262.8**	**477.0**	**505.5**	**1,496**	**1,481**	**1,451**	**78.8**	**136.6**	**152.7**
Steam conventional	672	626	607	222.4	361.4	380.8	326	308	303	37.7	63.1	74.7
Under 100,000 kW	220	134	117	8.2	5.6	5.5	254	195	179	6.9	6.2	6.3
100,000-500,000 kW	299	239	223	77.1	64.0	60.4	58	75	80	12.3	17.4	19.6
Over 500,000 kW	153	253	267	137.1	291.8	314.9	14	38	44	18.5	39.6	48.7
Steam, nuclear	15	43	46	5.7	48.0	56.1	1	8	9	.8	8.5	11.0
Over 500,000 kW	7	37	42	4.5	46.8	55.4	1	7	8	.8	8.5	11.0
Hydro	754	732	743	18.9	24.2	25.0	434	410	439	36.3	52.1	54.0
Over 25,000 kW	165	173	176	15.6	21.0	21.7	164	186	192	35.1	51.0	52.7
Gas turbine	265	411	406	14.4	41.6	42.1	58	130	136	1.1	9.1	9.5
Over 25,000 kW	126	281	280	12.1	39.4	40.0	12	65	67	.4	8.0	8.4
Internal combustion	331	282	233	1.3	1.8	1.5	677	625	564	3.0	3.7	3.5
Under 5,000 kW	238	166	127	.5	.4	.3	471	358	311	1.0	.7	.6
Over 5,000 kW	93	116	106	.9	1.5	1.2	206	267	253	2.0	3.0	2.9

Source: U.S. Energy Information Administration, unpublished data.

No. 976. Electric Energy Sales, by Class of Service, 1970 to 1983, and by State, 1983

[In billions of kilowatthours]

Year, division, and state	Total [1]	Residential	Commercial	Industrial
1970, total	1,392.3	466.3	306.7	570.9
1973, total	1,712.9	579.2	388.3	686.1
1975, total	1,747.1	588.1	403.0	687.7
1978, total	2,017.9	674.5	461.2	809.1
1979, total	2,071.1	682.8	473.3	841.9
1980, total	2,094.4	717.5	486.2	815.1
1981, total	2,147.1	722.3	514.3	825.7
1982, total	2,086.4	729.5	526.4	744.9
1983, total	**2,151.0**	**750.9**	**543.8**	**776.0**
N.E.	**83.8**	**30.6**	**26.6**	**24.3**
Maine	4.4	3.2	1.7	4.3
New Hampshire	6.3	2.5	1.3	2.4
Vermont	3.9	1.8	.8	1.2
Massachusetts	36.0	12.4	13.2	9.0
Rhode Island	5.2	1.9	1.8	1.3
Connecticut	23.0	8.8	7.8	6.1
M.A.	**257.1**	**81.0**	**74.6**	**87.9**
New York	109.5	31.8	34.7	31.4
New Jersey	50.9	16.9	16.2	15.4
Pennsylvania	96.7	32.3	21.7	41.0
E.N.C.	**374.0**	**120.5**	**84.6**	**153.5**
Ohio	106.8	33.4	23.1	46.3
Indiana	61.8	19.9	10.6	30.4
Illinois	97.1	30.7	26.4	32.3
Michigan	69.3	21.9	15.0	30.2
Wisconsin	39.0	14.4	9.6	14.2
W.N.C.	**157.7**	**63.7**	**36.8**	**51.9**
Minnesota	36.0	13.4	5.8	15.9
Iowa	27.8	11.1	6.0	9.6
Missouri	45.2	19.0	11.7	12.9
North Dakota	5.7	2.7	1.0	1.8
South Dakota	5.4	2.8	1.1	1.4
Nebraska	15.0	6.4	4.1	3.7
Kansas	22.6	8.4	7.1	6.8

Division and state	Total [1]	Residential	Commercial	Industrial
S.A.	**382.8**	**151.6**	**98.2**	**119.5**
Delaware	5.6	1.5	1.4	2.5
Maryland [2]	44.3	14.7	12.1	16.6
Virginia	53.5	21.6	13.2	12.7
West Virginia	20.7	6.8	4.1	9.7
North Carolina	66.2	25.2	15.2	24.6
South Carolina	41.8	13.8	8.2	18.7
Georgia	54.2	20.7	12.9	19.7
Florida	96.5	47.3	31.0	15.0
E.S.C.	**185.3**	**64.7**	**36.9**	**79.6**
Kentucky	41.2	14.5	7.5	23.5
Tennessee	69.4	24.8	15.3	28.4
Alabama	45.1	15.8	8.8	19.8
Mississippi	23.7	9.7	5.4	8.1
W.S.C.	**306.6**	**101.1**	**69.8**	**123.3**
Arkansas	23.2	8.8	4.5	9.3
Louisiana	55.3	17.4	10.0	23.8
Oklahoma	37.0	14.6	9.0	10.6
Texas	191.2	60.3	46.3	79.6
Mt.	**118.3**	**40.1**	**33.4**	**40.9**
Montana	9.8	3.1	2.3	4.2
Idaho	15.8	5.2	4.1	6.3
Wyoming	8.2	1.8	1.4	4.8
Colorado	24.2	9.5	10.3	4.0
New Mexico	8.8	2.6	2.4	2.8
Arizona	27.9	10.4	8.7	7.9
Utah	13.2	3.8	2.6	6.0
Nevada	10.5	3.7	1.6	4.8
Pac.	**285.3**	**97.6**	**82.9**	**95.1**
Washington	76.3	27.3	14.4	30.8
Oregon	33.7	13.1	8.5	11.6
California	165.2	53.9	57.9	48.2
Alaska	3.5	1.5	.7	1.2
Hawaii	6.6	1.9	1.4	3.3

[1] Includes other service, not shown separately. [2] Includes District of Columbia.

Source: U.S. Energy Information Administration, *Electric Power Annual.*

No. 977. Electric Utilities—Generation, Sales, Revenue, and Customers: 1960 to 1982

[Sales and revenue are to and from ultimate customers]

CLASS	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Generation [1]	Bil. kWh	753	1,055	1,532	1,918	2,038	2,124	2,206	2,247	2,286	2,295	2,241
Sales [2]	**Bil. kWh**	**683**	**953**	**1,391**	**1,733**	**1,850**	**1,951**	**2,018**	**2,084**	**2,126**	**2,151**	**2,094**
Residential or domestic	Bil. kWh	196	281	448	586	613	652	679	696	734	730	729
Percent of total	Percent	28.7	29.5	32.2	33.8	33.2	33.4	33.6	33.4	34.5	34.0	34.8
Commercial [3]	Bil. kWh	115	202	313	418	441	469	481	495	524	522	514
Industrial [4]	Bil. kWh	345	433	573	662	725	757	782	818	794	820	771
Revenue [2]	**Bil. dol.**	**11.5**	**15.2**	**22.1**	**46.9**	**53.5**	**62.6**	**69.9**	**79.6**	**95.5**	**110.6**	**121.1**
Residential or domestic	Bil. dol.	4.9	6.3	9.4	18.8	21.1	24.7	27.4	31.0	37.6	42.4	47.0
Percent of total	Percent	42.2	41.8	42.7	40.1	39.6	39.4	39.2	38.9	39.4	38.3	38.8
Commercial [3]	Bil. dol.	2.8	4.3	6.3	13.5	15.2	18.0	19.7	22.3	27.4	31.3	33.9
Industrial [4]	Bil. dol.	3.3	3.9	5.4	12.7	15.0	17.6	20.3	23.8	27.3	33.0	35.9
Ultimate customers, Dec. 31 [2]	**Million**	**58.9**	**65.6**	**72.5**	**81.8**	**83.6**	**85.6**	**87.7**	**89.8**	**92.7**	**94.0**	**95.3**
Residential or domestic	Million	51.4	57.6	64.0	72.6	74.2	75.9	77.8	79.6	82.2	83.3	84.4
Commercial [3]	Million	6.8	7.4	7.9	8.6	8.8	8.9	9.1	9.4	9.7	9.8	10.0
Industrial [4]	Million	.5	.3	.4	.4	.4	.4	.5	.5	.5	.5	.5
Avg. kWh used per customer	**1,000**	**11.7**	**14.7**	**19.4**	**21.4**	**22.4**	**23.1**	**23.3**	**23.5**	**23.2**	**23.0**	**22.1**
Residential	1,000	3.9	4.9	7.1	8.2	8.4	8.7	8.8	8.8	9.0	8.8	8.7
Commercial [3]	1,000	17.0	27.4	40.0	49.0	50.7	52.9	53.1	53.2	54.5	53.4	52.0
Avg. annual bill per customer	**Dollar**	**198**	**234**	**308**	**578**	**646**	**740**	**807**	**887**	**1,040**	**1,184**	**1,280**
Residential	Dollar	95	111	148	262	288	329	357	391	462	512	561
Commercial [3]	Dollar	418	584	803	1,582	1,755	2,031	2,176	2,394	2,848	3,207	3,429
Avg. revenue per kWh sold	**Cents**	**1.69**	**1.59**	**1.59**	**2.70**	**2.89**	**3.21**	**3.46**	**3.82**	**4.49**	**5.14**	**5.79**
Residential	Cents	2.47	2.25	2.10	3.21	3.45	3.78	4.03	4.43	5.12	5.80	6.45
Commercial [3]	Cents	2.46	2.13	2.01	3.23	3.46	3.84	4.10	4.50	5.22	6.00	6.60
Industrial [4]	Cents	.97	.90	.95	1.92	2.07	2.33	2.59	2.91	3.44	4.03	4.66

[1] Source: 1960–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Monthly Energy Review.* [2] Includes other types not shown separately. [3] Small light and power. [4] Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, DC, *Statistical Year Book.*

No. 978. Electric Utilities—Balance Sheet and Income Account of Privately Owned Companies: 1960 to 1982

[**In billions of dollars.** As of **Dec. 31.** On the basis of both assets and revenues, these classes (A and B utilities) comprise nearly 100 percent of the privately-owned sector of the electric light and power industry. See also *Historical Statistics, Colonial Times to 1970,* series S 133–146 and V 197–212]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
COMPOSITE BALANCE SHEET											
Assets and other debits	**44.7**	**56.4**	**87.4**	**157.1**	**173.1**	**192.1**	**211.1**	**234.8**	**260.0**	**286.0**	**315.7**
Electric utility plant [1]	45.5	59.7	93.3	160.7	177.6	196.8	218.0	242.3	266.9	292.7	322.0
Depreciation and amortization	*8.9*	*13.6*	*20.3*	*31.9*	*35.6*	*39.8*	*44.5*	*49.7*	*55.5*	*61.5*	*67.9*
Net electric utility plant	36.6	46.1	73.1	128.8	142.0	157.0	173.5	192.6	211.5	231.2	254.1
Other utility plant	4.9	6.6	9.0	11.7	12.1	12.6	13.2	13.9	14.8	15.7	16.7
Depreciation and amortization	*1.0*	*1.4*	*2.1*	*3.1*	*3.4*	*3.7*	*3.9*	*4.2*	*4.5*	*4.9*	*5.3*
Net other utility plant	3.9	5.2	6.9	8.6	8.7	9.0	9.3	9.7	10.3	10.8	11.4
Total utility plant	50.3	66.3	102.3	172.4	189.7	209.4	231.2	256.2	281.7	308.4	338.7
Depreciation and amortization	*9.9*	*15.0*	*22.3*	*35.0*	*38.9*	*45.5*	*48.4*	*53.9*	*60.0*	*66.4*	*73.2*
Net total utility plant	40.5	51.3	79.9	137.4	150.7	166.0	182.8	202.3	221.7	242.0	265.5
Other property and investments	1.0	1.2	1.7	4.5	4.8	5.5	6.4	6.0	6.5	7.9	9.1
Current and accrued assets	3.1	3.6	5.3	13.5	15.6	18.2	18.9	22.4	26.2	28.7	31.8
Deferred debits	.2	.2	.4	1.7	2.0	2.3	3.0	4.1	5.5	7.3	9.3
Liabilities and other credits [2]	**44.7**	**56.4**	**87.4**	**157.1**	**173.1**	**192.1**	**211.1**	**234.8**	**260.0**	**286.0**	**315.7**
Capital stock	13.3	15.7	20.8	37.8	41.6	45.6	49.1	53.8	59.3	63.9	70.4
Other paid-in capital	1.7	2.6	4.4	11.5	13.4	15.6	17.9	19.4	21.5	24.0	27.7
Retained earnings	3.7	5.7	9.4	14.7	16.2	17.8	19.4	21.0	22.7	25.0	28.0
Subsidiary earnings [3]	(X)	(X)	(X)	.6	.7	.8	.9	1.0	1.1	1.3	1.6
Long-term debt	21.0	25.5	41.9	70.8	76.2	82.2	88.3	95.7	105.3	115.5	124.2
Current and accrued liabilities	3.1	4.2	7.3	13.7	14.1	16.0	18.3	23.4	26.3	28.4	28.7
Deferred credits and operating reserves	.3	.5	.9	2.7	4.0	5.7	7.1	8.7	9.8	11.5	15.6
Deferred income taxes [4]	1.3	1.8	2.2	5.4	6.8	8.3	10.0	11.9	14.1	16.7	19.5
COMPOSITE INCOME ACCOUNTS											
Electric operating revenues	10.1	13.4	19.8	44.6	50.6	58.9	65.4	72.9	87.1	102.3	110.0
Electric operating expenses	7.9	10.3	15.3	36.1	41.1	48.6	54.3	61.0	73.4	86.0	91.8
Net electric operating revenues	2.2	3.1	4.5	8.5	9.4	10.3	11.1	11.8	13.6	16.3	18.2
Other utility operating income	.2	.3	.4	.5	.6	.6	.7	.7	.7	.9	.9
Total utility operating income	2.4	3.4	4.9	9.0	10.1	10.9	11.7	12.5	14.4	17.0	19.1
Other income	.2	.2	.8	2.2	2.5	2.2	2.5	3.1	3.6	4.4	5.3
Total income	2.6	3.6	5.7	11.3	12.5	13.0	14.3	15.6	18.0	21.4	24.5
Income deductions	.8	1.0	2.3	5.1	5.4	5.0	5.5	6.1	7.3	8.7	9.4
Net income [5]	1.8	2.6	3.4	6.1	7.2	8.0	8.7	9.5	10.7	12.7	15.1

X Not applicable. [1] Includes construction work in progress. [2] Includes contributions in aid of construction through 1970. [3] Unappropriated undistributed. [4] Cumulative. [5] Beginning 1975, includes net extraordinary income.

Source: 1960–1975, U.S. Federal Power Commission; U.S. Energy Information Administration, 1976–1981, *Statistics of Privately Owned Electric Utilities in the United States,* annual; thereafter, *Financial Statistics of Selected Electric Utilities,* annual.

No. 979. Nuclear Power Plants—Number, Capacity, and Generation: 1965 to 1983

ITEM	1965	1970	1973	1975	1977	1978	1979	1980	1981	1982	1983, prel.
Operable reactors [1]	10	19	39	54	65	70	68	70	74	77	80
Capacity [1 2] (mil. kW)	.9	6.5	22.9	33.3	46.0	49.6	49.3	51.1	55.5	59.6	62.8
Electricity generated (bil. kWh)	4	22	84	173	251	276	255	251	273	283	292
Percent of total electric utility generation	.4	1.4	4.5	9.0	11.8	12.5	11.4	11.0	11.9	12.6	12.6
Capacity factor [3]	(NA)	(NA)	52.9	59.7	64.1	65.7	58.7	57.1	58.4	57.2	54.8

NA Not available. [1] As of yearend. [2] Net maximum dependable capacity of operable reactors. [3] Weighted average of monthly capacity factors. Monthly factors are derived by dividing actual monthly generation by the maximum possible generation for the month (hours in month times net maximum dependable capacity).

Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review.*

No. 980. Commercial Nuclear Power Generation, by Country: 1970 to 1983

[Generation for **calendar years;** other data as of **December.** Excludes Communist countries]

COUNTRY	REACTORS				ELECTRICITY GENERATED [1] (bil. kWh)				GROSS CAPACITY (1,000 kW)			
	1970	1980	1982	1983	1970	1980	1982	1983	1970	1980	1982	1983
Total	**64**	**208**	**239**	**250**	**73.9**	**617.8**	**791.5**	**799.6**	**15,186**	**128,847**	**163,369**	**172,331**
U.S	15	74	81	81	23.2	265.2	298.9	285.1	5,211	56,529	65,420	67,363
Argentina	–	1	1	1	–	2.3	1.9	2.3	–	357	357	357
Belgium	1	3	5	5	.3	12.5	15.6	22.0	11	1,744	3,621	3,621
Brazil	–	–	1	1	–	–	.1	.1	–	–	657	657
Canada	1	9	12	12	.9	40.4	42.6	48.0	220	5,588	7,597	7,597
China: Taiwan	–	2	4	4	–	8.2	13.1	17.2	–	1,272	3,242	3,242
Germany, F.R. of	4	11	12	13	5.3	43.7	63.4	59.0	907	8,996	10,316	11,511
Great Britain	27	33	32	35	26.5	37.2	44.1	44.5	4,783	9,012	8,979	10,960
Finland	–	4	4	4	–	7.0	16.5	15.7	–	2,296	2,296	2,296
France	4	22	32	36	5.7	61.2	108.9	127.4	1,606	15,412	27,633	28,557
India	2	4	4	4	2.2	2.9	2.2	2.6	400	860	860	860
Italy	3	4	3	2	3.3	2.2	6.8	5.1	631	1,490	1,330	1,060
Japan	3	22	25	25	3.3	81.0	104.5	97.4	828	15,117	17,342	17,342
Korea, Rep. of	–	1	1	3	–	3.5	3.8	7.7	–	587	587	1,916
Netherlands	1	2	2	2	.4	4.2	3.9	3.2	55	529	535	535
Pakistan	–	1	1	1	–	.1	.1	2	–	137	137	137
Spain	1	3	4	6	.9	5.2	8.8	9.3	160	1,117	2,047	3,907
Sweden	1	8	10	10	(Z)	26.7	38.9	35.4	12	5,770	7,715	7,715
Switzerland	1	4	4	4	1.9	14.3	15.0	14.0	364	2,034	2,034	2,034
Yugoslavia	–	–	1	1	–	–	2.5	3.4	–	–	664	664

– Represents zero. Z Less than 50 million kWh. [1] Gross.

Source: McGraw-Hill, Inc., New York, NY, *Nucleonics Week,* December issues. (Copyright.)

No. 981. Uranium Supply, Enrichment, and Discharged Commercial Reactor Fuel: 1965 to 1983

[Years ending **Dec. 31,** except as noted. For explanation of kilogram see weights and measures]

ITEM	Unit	1965	1970	1975	1978	1979	1980	1981	1982	1983
URANIUM (U_3O_8)										
Production	Sh. tons	10,442	12,905	11,600	18,490	18,730	21,850	19,240	13,430	10,600
Exports	Sh tons	–	2,100	500	3,400	3,100	2,900	2,200	2,200	950
Imports	Sh tons	3,995	—	700	2,600	1,500	1,800	3,300	5,550	3,400
Delivered price	Dol./lb	(NA)	(NA)	10.50	21.60	23.85	26.00	32.20	39.90	38.20
ENRICHMENT										
Enriched product [1]	Mil. Kg. Swu [2]	.54	5.10	9.92	11.76	13.98	10.69	11.50	12.36	[3] 8.46
For domestic customers	Mil. Kg. Swu [2]	.20	3.74	4.36	6.08	8.88	6.89	7.19	6.69	[3] 4.69
For foreign customers	Mil. Kg. Swu [2]	.34	1.36	5.56	5.68	5.31	3.80	4.31	5.67	[3] 3.77
Sales [4]	Mil dol.	(NA)	(NA)	376	1,046	1,432	1,379	1,445	2,185	2,329
DISCHARGED COMMERCIAL REACTOR FUEL [5]										
Annual discharge	Metric tons	36	75	530	1,009	1,201	1,227	1,100	1,037	1,283
Inventory, yearend [6]	Metric tons	42	24	1,124	3,581	4,779	6,006	7,106	9,034	10,317
On-site storage	Metric tons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6,627	8,555	9,868
Off-site storage	Metric tons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	479	479	449

– Represents zero. NA Not available. [1] Based on sales. [2] Separate work unit. The standard measure of enrichment services is based on operating tails assay in effect at the time the enriched product was placed in inventory. [3] Jan.-Sept. only. [4] *Fiscal years.* [5] *Uranium content.* Source: Nuclear Assurance Corporation, Atlanta, GA. [6] Reprocessed fuel not included as inventory.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review* and U.S. Dept. of Energy, *Statistical Data of the Uranium Industry, 1983; Uranium Enrichment Annual Report, 1982;* and *U.S. Industry Viability Study.*

No. 982. Privately Owned Gas Utility Industry—Balance Sheet and Income Account: 1960 to 1982

[**In millions of dollars.** Excludes Alaska for 1960. The gas utility industry consists of pipeline and distribution companies. Excludes operations of companies distributing gas in bottles or tanks. See also *Historical Statistics, Colonial Times to 1970*, series S 205-218]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
COMPOSITE BALANCE SHEET										
Assets, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**59,697**	**62,918**	**70,245**	**75,725**	**86,894**	**95,133**
Total utility plant	20,835	28,205	38,541	49,384	55,020	59,033	62,710	66,767	72,917	78,636
Depreciation and amortization	*4,570*	*7,205*	*10,696*	*16,779*	*20,586*	*22,861*	*24,400*	*26,062*	*28,908*	*31,439*
Utility plant (net)	16,265	21,000	27,845	32,605	34,434	36,172	38,310	40,705	44,009	47,197
Investment and fund accounts [1]	1,380	1,885	3,024	9,198	12,513	12,805	14,097	15,625	19,368	20,754
Current and accrued assets	2,185	2,545	3,674	7,543	11,194	12,129	15,427	17,211	20,563	23,593
Deferred debits [2]	170	210	386	940	1,556	1,815	2,411	2,184	2,954	3,589
Liabilities, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**59,697**	**62,918**	**70,245**	**75,725**	**86,894**	**95,133**
Capitalization, total [1]	16,940	21,520	28,646	39,044	44,316	45,830	48,165	51,299	57,512	62,468
Capital stock [1]	7,810	10,005	12,965	19,500	23,840	25,585	27,135	29,262	33,041	36,267
Long-term debts	9,130	11,515	15,681	19,544	20,476	20,245	21,030	22,037	24,471	26,201
Current and accrued liabilities	2,420	3,035	4,832	8,158	10,636	11,704	16,024	18,107	22,134	23,839
Deferred income taxes [3]	350	660	788	2,052	2,794	2,991	3,798	4,144	4,972	5,485
Other liabilities and credits	290	425	663	1,032	1,951	2,393	2,257	2,175	2,276	3,341
COMPOSITE INCOME ACCOUNT										
Operating revenues, total	8,696	11,525	16,380	30,550	46,309	52,995	66,931	85,807	101,593	115,875
Operating expenses [4]	7,587	10,063	14,306	27,460	42,685	49,272	62,887	81,517	96,917	110,451
Operation and maintenance	5,951	7,973	11,636	22,957	36,958	43,108	56,281	74,433	89,108	101,721
Federal, State, and local taxes	1,058	1,292	1,569	2,763	3,719	3,980	4,294	4,653	5,056	5,708
Operating income	1,109	1,462	2,074	3,070	3,624	3,723	4,043	4,290	4,676	5,424
Utility operating income	1,137	1,503	2,159	3,221	3,776	3,944	4,296	4,633	5,087	5,832
Income before interest charges [1]	1,247	1,660	2,457	4,137	4,996	5,385	6,303	7,112	8,369	8,756
Net income [1]	630	1,107	1,427	2,502	3,193	3,443	4,206	4,377	5,145	5,081
Dividends	581	781	1,006	1,509	1,959	2,117	2,362	2,566	3,064	3,302

[1] Beginning 1975, not comparable with earlier years due to Federal Power Commission ruling requiring adoption of the equity method in reporting earnings of subsidiaries. [2] Includes capital stock discount and expense and reacquired securities. [3] Includes reserves for deferred income taxes. [4] Includes expenses not shown separately.

No. 983. Gas Utility Industry—Summary: 1960 to 1982

[1960 excludes Alaska. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately and municipally owned gas utilities in U.S., except those with annual revenues less than $25,000. See also *Historical Statistics, Colonial Times to 1970*, series S 190-204]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Customers [1]	**1,000**	**33,054**	**37,338**	**41,482**	**44,555**	**45,274**	**45,789**	**46,478**	**47,225**	**47,947**	**48,417**
Residential	1,000	30,418	34,341	38,097	40,950	41,682	42,183	42,821	43,489	44,149	44,554
Commercial	1,000	2,458	2,790	3,131	3,367	3,371	3,370	3,423	3,500	3,564	3,631
Industrial and other	1,000	178	207	254	237	220	236	234	236	234	232
Sales [2]	**Tril. Btu** [3]	**9,288**	**11,980**	**16,044**	**14,863**	**14,341**	**14,748**	**15,440**	**15,413**	**15,375**	**14,281**
Residential	Tril. Btu	3,188	3,999	4,923	4,991	4,946	5,107	5,083	4,826	4,610	4,770
Percent of total	Percent	34.3	33.4	30.7	33.6	34.5	34.6	32.9	31.3	30.0	33.4
Commercial	Tril. Btu	920	1,345	2,007	2,387	2,409	2,500	2,486	2,453	2,376	2,471
Industrial	Tril. Btu	4,710	6,146	8,439	6,837	6,711	6,841	7,555	7,957	8,239	6,892
Other	Tril. Btu	470	490	674	648	275	301	316	177	150	148
Revenues [2]	**Mil. dol**	**5,617**	**7,407**	**10,283**	**19,101**	**28,303**	**32,150**	**38,947**	**48,303**	**56,110**	**63,391**
Residential	Mil. dol	3,177	4,030	5,207	8,445	11,541	12,939	14,833	17,432	19,180	23,701
Percent of total	Percent	56.6	54.4	50.6	44.2	40.8	40.2	38.1	36.1	34.2	37.4
Commercial	Mil. dol	723	1,054	1,620	3,302	4,980	5,696	6,624	8,183	9,286	11,666
Industrial	Mil. dol	1,563	2,148	3,181	6,745	11,385	13,065	16,961	22,215	27,124	27,389
Other	Mil. dol	153	176	274	608	397	450	530	473	520	635
Prices per mil. Btu [3]	**Dollars**	**.60**	**.62**	**.64**	**1.29**	**1.97**	**2.18**	**2.52**	**3.13**	**3.65**	**4.44**
Residential	Dollars	1.00	1.01	1.06	1.69	2.33	2.53	2.92	3.61	4.16	4.97
Commercial	Dollars	.79	.78	.81	1.38	2.07	2.28	2.66	3.34	3.91	4.72
Industrial	Dollars	.33	.35	.38	.99	1.70	1.91	2.24	2.79	3.29	3.97
Gas mains mileage	**1,000**	**631**	**768**	**913**	**980**	**998**	**1,013**	**1,030**	**1,052**	**1,070**	**1,083**
Field and gathering	1,000	56	62	66	68	71	75	78	84	86	90
Transmission	1,000	184	211	252	263	260	261	263	266	270	272
Distribution	1,000	391	495	595	649	667	678	688	702	714	721
Construction expenditures [4]	**Mil. dol**	**1,845**	**1,935**	**2,506**	**2,466**	**2,833**	**3,581**	**4,366**	**5,350**	**6,389**	**5,939**
Transmission	Mil. dol	848	770	1,019	590	670	935	1,226	1,563	2,352	1,921
Distribution	Mil. dol	696	824	913	910	1,048	1,228	1,448	1,869	1,995	1,881
Production and storage	Mil. dol	216	225	370	831	943	1,202	1,406	1,546	1,672	1,690

[1] Annual average. [2] Excludes sales for resale. [3] For definition, see text, p. 551. [4] Includes general.

Source of tables 982 and 983: American Gas Association, Arlington, VA, *Gas Facts*, annual. (Copyright.)

NO. 984. GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY CLASS OF SERVICE, AND STATES: 1982

[See headnote, table 983]

DIVISION AND STATE	CUSTOMERS [1] (1,000)				SALES [3] (trillion Btu [4])				REVENUES [3] (mil. dol.)			
	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial
U.S	**48,417**	**44,554**	**3,631**	**186**	**14,281**	**4,770**	**2,471**	**6,882**	**63,391**	**23,701**	**11,666**	**27,389**
N. Eng	**1,775**	**1,632**	**131**	**9**	**324**	**150**	**100**	**72**	**2,198**	**1,146**	**644**	**393**
ME	15	12	3	(z)	3	1	1	1	19	5	9	5
NH	53	46	6	(z)	10	4	4	2	63	31	23	8
VT	16	14	1	(z)	5	2	1	2	30	11	6	12
MA	1,098	1,016	74	5	199	94	64	39	1,315	701	401	200
RI	176	163	12	1	28	15	5	8	201	118	38	45
CT	417	381	34	2	79	34	25	20	570	280	167	123
Mid. Atl	**8,203**	**7,604**	**565**	**24**	**1,641**	**786**	**324**	**495**	**8,983**	**4,722**	**1,770**	**2,305**
NY	3,963	3,705	240	11	650	353	124	148	3,730	2,211	676	710
NJ	1,870	1,688	175	7	334	152	80	102	2,047	1,038	499	510
PA	2,370	2,211	150	6	657	281	120	245	3,206	1,473	595	1,085
E. No. Cent	**10,941**	**10,097**	**793**	**48**	**3,342**	**1,518**	**697**	**1,116**	**14,487**	**6,935**	**3,000**	**4,508**
OH	2,767	2,563	195	7	790	379	159	246	3,599	1,816	720	1,031
IN	1,282	1,174	103	5	467	165	72	227	1,798	686	283	821
IL	3,326	3,060	247	18	1,050	494	238	317	4,401	2,161	967	1,272
MI	2,497	2,324	163	10	724	361	171	191	3,149	1,606	752	790
WI	1,069	976	85	8	311	119	57	135	1,540	666	278	594
W. No. Cent	**4,252**	**3,836**	**400**	**14**	**1,224**	**490**	**295**	**434**	**5,169**	**2,282**	**1,250**	**1,622**
MN	856	776	73	5	252	107	50	95	1,154	532	238	382
IA	759	676	81	2	231	86	53	92	966	398	228	340
MO	1,224	1,129	93	1	285	140	88	55	1,334	701	406	222
ND	91	80	11	(z)	24	11	12	1	106	51	49	6
SD	107	95	12	(z)	25	12	8	5	108	54	34	20
NE	456	395	59	1	133	51	35	47	501	215	127	159
KS	759	683	71	5	274	83	49	139	1,000	331	168	493
So. Atl	**4,194**	**3,839**	**335**	**14**	**1,229**	**339**	**240**	**641**	**5,692**	**1,875**	**1,190**	**2,590**
DE	84	78	5	(z)	24	7	4	12	127	40	21	62
MD	788	732	51	5	155	69	31	55	865	418	174	272
DC	147	132	15	-	29	13	16	-	183	85	98	-
VA	542	495	45	2	140	47	38	53	715	277	200	226
WV	393	361	32	(z)	113	45	22	46	537	225	106	206
NC	395	348	44	2	141	32	25	83	668	175	124	366
SC	312	277	30	1	100	19	17	64	454	101	78	272
GA	1,083	1,003	77	2	292	93	58	141	1,262	462	253	546
FL	450	413	36	1	235	14	29	187	881	92	136	640
E. So. Cent	**2,234**	**2,016**	**202**	**6**	**710**	**189**	**111**	**395**	**2,924**	**887**	**486**	**1,493**
KY	643	584	56	1	156	66	30	53	682	310	134	215
TN	520	451	63	2	196	43	41	109	776	182	179	407
AL	674	623	46	2	192	51	26	115	826	265	113	446
MS	397	358	37	1	166	27	14	118	640	130	60	425
W. So. Cent	**5,712**	**5,208**	**473**	**24**	**3,243**	**420**	**245**	**2,528**	**12,006**	**1,918**	**1,038**	**8,856**
AR	514	454	58	2	210	46	30	134	703	172	105	426
LA	1,017	945	68	2	463	68	26	353	1,723	330	124	1,214
OK	862	779	79	3	454	81	46	327	1,296	273	152	869
TX	3,319	3,030	268	17	2,116	225	143	1,714	8,284	1,143	657	6,347
Mt	**2,842**	**2,577**	**253**	**7**	**709**	**257**	**158**	**277**	**2,993**	**1,194**	**716**	**1,012**
MT	187	165	21	(z)	50	21	14	12	231	89	67	64
ID	112	96	15	(z)	34	7	9	18	183	47	49	86
WY	129	114	14	(z)	53	15	9	28	198	65	38	87
CO	908	810	96	2	200	65	64	50	916	418	293	202
NM	344	308	31	3	100	29	15	46	390	133	64	154
AZ	588	543	43	2	113	31	22	58	500	173	101	218
UT	393	366	27	(z)	110	52	16	42	337	178	55	104
NV	181	175	6	(z)	49	17	9	23	238	91	49	97
Pac	**8,264**	**7,745**	**479**	**40**	**1,659**	**621**	**301**	**934**	**8,939**	**2,742**	**1,572**	**4,610**
WA	384	337	44	3	113	31	31	51	851	197	185	267
OR	287	251	35	1	68	19	17	32	402	130	103	169
CA	7,510	7,084	393	33	1,638	560	248	828	7,790	2,385	1,267	4,125
AK	50	44	5	1	37	10	4	22	48	19	6	23
HI	33	29	2	2	3	1	1	1	48	11	11	26

- Represents zero. Z Fewer than 500. [1] Averages for the year. [2] Includes other service, not shown separately. [3] Excludes sales for resale. [4] For definition, see headnote, table 950.

Source: American Gas Association, Arlington, VA, *Gas Facts*, annual. (Copyright.)

NO. 985. GAS UTILITY INDUSTRY—PRICES, BY STATE: 1982

[**In dollars per million Btu.** For definition of Btu, see headnote, table 950. Excludes sales for resale]

STATE	Total	Residential	Commercial	Industrial	STATE	Total	Residential	Commercial	Industrial	STATE	Total	Residential	Commercial	Industrial
U.S.	4.44	4.97	4.72	3.97	KS	3.65	3.99	3.43	3.55	ND	4.36	4.61	4.18	4.02
					KY	4.35	4.53	4.43	4.10	OH	4.56	4.80	4.53	4.20
AL	4.31	5.24	4.41	3.88	LA	3.73	4.87	4.66	3.44	OK	2.85	3.39	3.30	2.66
AK	1.32	1.83	1.57	1.04	ME	7.12	8.31	7.05	6.39	OR	5.91	6.64	6.11	5.35
AZ	4.43	5.49	4.62	3.79	MD	5.58	6.08	5.56	4.97	PA	4.88	5.24	4.95	4.42
AR	3.35	3.73	3.56	3.17	MA	6.62	7.47	6.32	5.10	RI	7.07	7.69	7.36	5.68
CA	4.76	4.26	5.12	4.98	MI	4.35	4.44	4.39	4.14	SC	4.54	5.42	4.55	4.27
CO	4.57	4.93	4.54	4.03	MN	4.58	4.98	4.75	4.04	SD	4.32	4.67	4.12	3.84
CT	7.21	8.35	6.68	5.99	MS	3.86	4.72	4.47	3.60	TN	3.97	4.27	4.33	3.72
DE	5.32	5.85	5.53	5.15	MO	4.69	5.00	4.63	4.02	TX	3.92	5.08	4.58	3.70
DC	6.36	6.56	6.19	(X)	MT	4.66	4.22	4.60	5.49	UT	3.06	3.42	3.47	2.47
FL	3.76	6.51	4.63	3.41	NE	3.78	4.18	3.66	3.41	VT	6.46	7.48	7.08	5.50
GA	4.32	4.97	4.36	3.87	NV	4.80	5.30	5.56	4.15	VA	5.10	5.84	5.31	4.28
HI	14.97	17.28	14.01	14.56	NH	6.06	6.52	6.12	4.67	WA	5.76	6.46	5.87	5.27
ID	5.30	6.45	5.52	4.72	NJ	6.14	6.84	6.24	5.00	WV	4.73	4.97	4.77	4.49
IL	4.19	4.38	4.06	4.01	NM	3.92	4.64	4.27	3.36	WI	4.95	5.57	4.91	4.41
IN	3.86	4.17	3.96	3.61	NY	5.73	6.26	5.46	4.81	WY	3.74	4.40	4.31	3.14
IA	4.18	4.64	4.28	3.69	NC	4.74	5.42	4.98	4.41					

X Not applicable.

Source: American Gas Association, Arlington, VA, *Gas Facts*, annual (copyright).

NO. 986. WATER POWER—DEVELOPED AND UNDEVELOPED CAPACITY, BY DIVISION: 1950 TO 1983

[**In millions of kilowatts.** As of **Dec. 31.** Excludes Alaska and Hawaii for 1950 and all capacity of reversible equipment at pumped storage projects. Also excludes capacity precluded from development due to wild and scenic river legislation. See also *Historical Statistics, Colonial Times to 1970*, series S 160–175]

DIVISION	DEVELOPED INSTALLED CAPACITY							ESTIMATED UNDEVELOPED CAPACITY						
	1950	1960	1970	1975	1980	1982	1983	1950	1960	1970	1975	1980	1982	1983
U.S	**18.7**	**33.2**	**52.0**	**57.0**	**64.4**	**65.9**	**66.7**	**87.6**	**114.2**	**128.0**	**113.7**	**129.9**	**77.6**	**79.1**
New England	1.2	1.5	1.5	1.5	1.5	1.5	1.6	3.3	2.9	3.3	3.3	4.7	4.6	4.5
Middle Atlantic	1.7	2.5	4.3	4.2	4.3	4.3	4.3	6.6	7.6	4.5	4.3	5.1	5.4	5.4
E. No. Central	.9	.9	.9	.9	.9	1.1	1.1	2.3	3.0	1.6	1.4	2.0	1.9	1.8
W. No. Central	.6	1.6	2.7	2.8	2.8	2.9	2.8	5.8	6.4	4.4	2.1	3.4	3.0	3.0
South Atlantic	2.8	3.8	5.3	5.8	5.9	5.9	6.0	8.2	8.4	9.6	8.4	9.6	8.5	8.5
E. So. Central	2.7	3.8	5.2	5.5	5.6	5.6	5.8	4.7	4.6	3.8	3.1	3.3	3.0	2.9
W. So. Central	.5	.9	1.9	2.3	2.3	2.3	2.3	3.6	3.9	3.3	2.7	4.7	5.1	5.3
Mountain	2.3	4.6	6.2	6.9	7.4	7.7	7.9	23.4	23.6	26.7	19.6	34.2	18.2	18.5
Pacific	6.0	13.6	23.9	27.2	33.7	34.6	34.9	29.8	53.8	70.9	68.8	62.9	27.9	29.2

Source: 1950–1975, U.S. Federal Power Commission, *Hydroelectric Power Resources of the United States, Developed and Undeveloped*, Jan. 1, 1976; thereafter, U.S. Federal Energy Regulatory Commission, *Hydroelectric Power Resources of the United States, Developed and Undeveloped*, Jan. 1, 1980, and unpublished data.

NO. 987. SOLAR COLLECTOR SHIPMENTS, BY TYPE, END-USE, AND MARKET SECTOR: 1974 TO 1983

[**In thousands of square feet, except number of manufacturers.** Solar collector is a device for intercepting sunlight, converting the sunlight to heat, and carrying the heat to where it will be either used or stored]

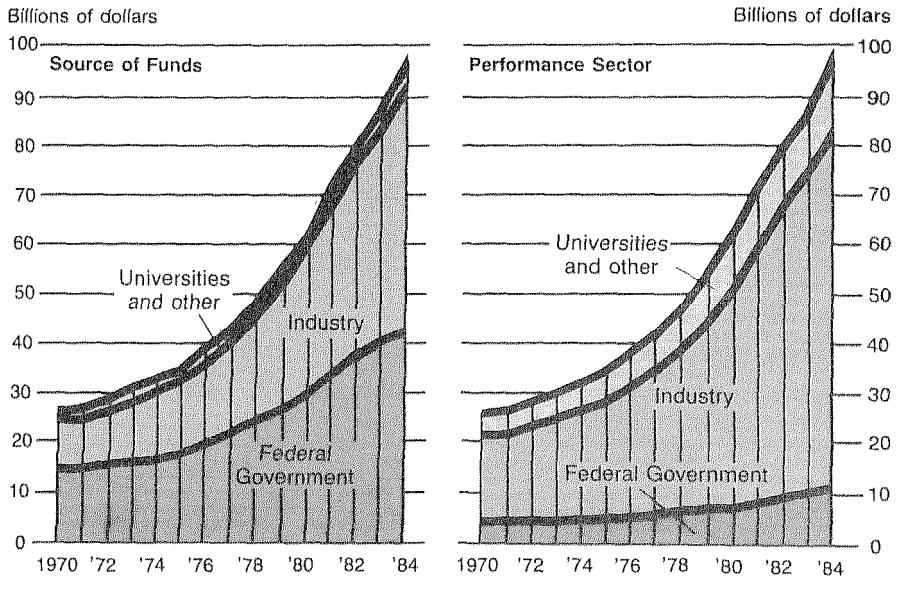
YEAR	Number of manufacturers	Total shipments[1]	COLLECTOR TYPE		END USE			MARKET SECTOR		
			Low temperature	Medium temperature, special, other	Pool heating	Hot water	Space heating	Residential	Commercial	Industrial
1974	45	1,274	1,137	137	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975	131	3,743	3,026	717	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1976	186	5,801	3,876	1,925	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1977	321	10,312	4,743	5,569	6,334	1,713	1,699	7,978	1,680	105
1978	340	10,860	5,872	4,988	5,970	2,513	1,736	8,095	1,848	263
1979	349	14,251	8,395	5,857	8,551	2,958	1,722	11,387	2,015	314
1980	276	19,398	12,233	7,165	12,029	4,790	1,688	16,077	2,417	488
1981	282	20,133	8,677	11,456	9,761	7,204	2,017	15,773	2,561	1,518
1982	274	18,821	7,476	11,145	7,035	7,444	2,367	13,729	3,789	560
1983	224	16,828	4,853	11,975	4,839	9,323	2,082	11,780	3,039	1,665

NA Not available. [1] Includes other end uses and market sectors not shown separately.

Source: U.S. Energy Information Administration, *Solar Collector Manufacturing Activity*, annual.

Figure 21.1

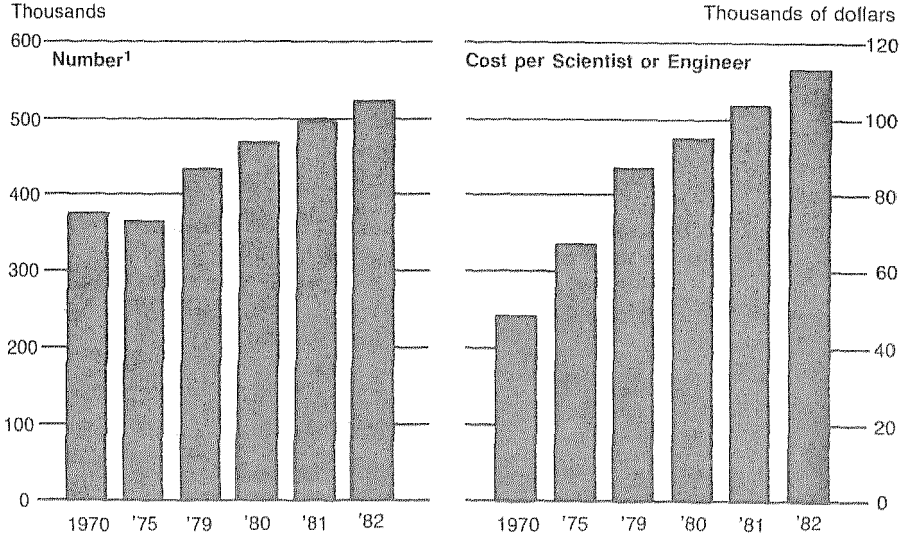
Research and Development Funds: 1970 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 989 and 990.

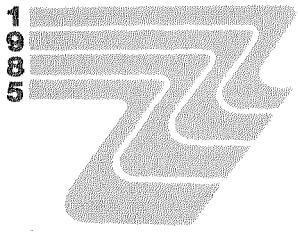
Figure 21.2

Research and Development Scientists and Engineers in Private Industry: 1970 to 1982



[1] Average full-time equivalent employment.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1003.



Section 21

Science

This section presents statistics on scientific, engineering, and technological resources, with emphases on patterns of research and development (R&D) funding and on scientific, engineering, and technical personnel and education. Also included are statistics on space program outlays and accomplishments. Principal sources of these data are the National Science Foundation (NSF) and the National Aeronautics and Space Administration (NASA).

NSF gathers data chiefly through recurring surveys. Current NSF publications containing data on funds for research and development and on scientific and engineering personnel include *Science Resources Studies Highlights;* and annual, biennial, and special reports such as *Federal Funds for Research and Development; Research and Development in Industry; National Patterns of Science and Technology Resources; Academic Science/Engineering: R&D Funds, Scientists and Engineers, Graduate Enrollment and Support; Federal Support to Universities, Colleges, and Selected Nonprofit Institutions; Characteristics of Doctoral Scientists and Engineers in the United States; U.S. Scientists and Engineers; Employment Attitudes of Recent Science and Engineering Graduates; Science and Engineering Employment; Characteristics of Experienced Scientists and Engineers; Scientists, Engineers, and Technicians in Private Industry; Science and Engineering Personnel: A National Overview; Science and Technology Data Book; Women and Minorities in Science and Engineering;* and policy reports relating to national allocation of human resources and funds to science and technology. Statistical surveys in these areas pose particularly difficult problems of concept and definition and the data should, therefore, be regarded as broad estimates rather than precise quantitative statements. Detailed discussions of the scope and limitations of the data appear in the source publications.

The National Science Board's biennial *Science Indicators* publication contains data and analyses of international and domestic science and technology, including measures of their outputs and impacts. *The Budget of the United States Government,* published by the U.S. Office of Management and Budget, contains summary financial data on Federal R&D programs.

Research and development outlays.—NSF defines research as a "systematic and intensive study directed toward a fuller knowledge of the subject studied" and development as "the systematic use of scientific knowledge directed toward the production of useful materials, devices, systems, methods, or processes." National coverage of R&D expenditures is developed primarily from periodic surveys in four principal economic sectors: *(1) Government,* made up primarily of Federal executive agencies; *(2) industry,* consisting of manufacturing and nonmanufacturing firms and the federally funded research and development centers (FFRDC's) they administer; *(3) universities and colleges,* composed of universities, colleges, and their affiliated institutions, agricultural experiment stations, and associated schools of agriculture, and FFRDC's administered by educational institutions; and *(4) other nonprofit institutions,* consisting of such organizations as private philanthropic foundations, nonprofit research institutes, voluntary health agencies, and FFRDC's administered by nonprofit organizations. The R&D funds reported consist of current operating costs, including planning and administration costs, except as otherwise noted. They exclude funds for routine testing, mapping and surveying, collection of general-purpose data, dissemination of scientific information, and training of scientific personnel.

Scientists, engineers, and technicians.—Scientists and engineers are defined as persons engaged in scientific and engineering work at a level requiring a knowledge of sciences equivalent at least to that acquired through completion of a 4-year college course. Technicians are defined as persons engaged in technical work at a level requiring knowledge acquired through a technical institute, junior college, or other type of training less extensive than 4-year college training. Craftsmen and skilled workers are excluded.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. 988. RESEARCH AND DEVELOPMENT (R&D)—OUTLAYS: 1955 TO 1984

[Includes basic research, applied research, and development. Defense-related outlays comprise all research and development spending by Dept. of Defense, including space activities, and a portion of Department of Energy funds. Space-related outlays are those of the National Aeronautics and Space Administration; they exclude space activities of other Federal agencies, estimated at less than 5 percent of all space research and development spending. Minus sign (–) indicates decrease]

YEAR OR PERIOD	CURRENT DOLLARS (bil. dol.)			CONSTANT (1972) DOLLARS		ANNUAL PERCENT CHANGE [3]		PERCENT OF TOTAL R AND D OUTLAYS					
								Federally funded defense-space-related			Other outlays		
	Total [1]	Defense space related	Other	Total (bil. dol.)	Percent of GNP [2]	Current dollars	Constant dollars	Total	Defense	Space	Total	Non-Federal	Federal
1955	6.2	3.0	3.1	10.1	1.5	9.4	7.2	49	48	1	51	43	8
1956	8.4	4.2	4.2	13.3	2.0	35.5	31.4	50	49	1	50	42	8
1957	*9.8*	*5.3*	*4.5*	*15.0*	*2.2*	*16.9*	*13.0*	*54*	*53*	*1*	47	38	9
1958	10.7	5.8	4.9	16.2	2.4	9.6	7.6	54	53	1	47	37	10
1959	12.4	7.0	5.3	18.3	2.5	15.4	12.8	57	54	3	43	35	8
1960	13.5	7.4	6.1	19.6	2.7	9.4	7.6	55	52	3	45	35	9
1961	14.3	8.0	6.3	20.6	2.7	5.9	4.8	56	50	6	44	35	9
1962	*15.4*	*8.5*	*6.9*	*21.8*	*2.7*	*7.5*	*5.7*	*55*	*48*	*7*	45	36	9
1963	17.1	9.4	7.7	23.7	2.9	10.8	9.1	55	41	14	45	34	11
1964	18.9	10.6	8.3	25.9	3.0	10.5	8.9	56	37	19	44	34	9
1965	20.0	10.8	9.2	26.9	2.9	6.3	4.0	54	33	21	46	35	11
1966	21.8	11.4	10.5	28.4	2.9	9.0	5.7	52	33	19	48	36	12
1967	*23.1*	*11.3*	*11.6*	*29.2*	*2.9*	*6.0*	*2.8*	*49*	*35*	*14*	51	38	13
1968	24.6	11.8	12.8	29.8	2.8	6.3	2.0	48	35	13	52	39	13
1969	25.6	11.5	14.1	29.6	2.7	4.2	–.8	45	34	11	55	42	13
1970	26.1	11.2	14.9	28.6	2.6	2.0	–3.3	43	33	10	57	43	14
1971	*26.7*	*10.9*	*15.7*	*27.8*	*2.5*	*2.1*	*–2.8*	*41*	*32*	*9*	59	44	15
1972	28.5	11.7	16.8	28.5	2.4	6.8	2.4	41	32	9	59	44	15
1973	30.7	11.7	19.0	29.1	2.3	7.9	2.4	38	30	8	62	47	15
1974	32.9	11.5	21.4	28.8	2.3	7.0	–1.3	35	27	8	65	49	16
1975	35.2	12.0	23.2	28.2	2.3	7.1	–2.1	34	26	8	66	49	17
1976	*39.0*	*13.3*	*25.7*	*29.5*	*2.3*	*10.8*	*4.8*	*34*	*26*	*8*	66	49	17
1977	42.8	14.1	28.7	30.5	2.2	9.6	3.4	33	25	8	67	50	17
1978	48.1	14.9	33.2	32.0	2.2	12.5	4.9	31	24	7	69	50	19
1979	54.9	16.5	38.5	33.6	2.3	14.1	5.0	30	23	7	70	51	19
1980	62.6	18.2	44.5	35.1	2.4	14.0	4.5	29	22	7	71	53	18
1981	71.9	21.6	50.3	36.9	2.4	14.8	4.9	30	23	7	70	54	16
1982	80.3	25.7	54.6	38.7	2.6	11.7	5.1	32	25	7	68	54	14
1983	87.7	28.9	58.7	40.6	2.6	9.2	4.7	33	27	6	67	54	13
1984, est	97.0	33.9	63.0	43.0	2.7	10.6	5.9	35	29	6	65	54	11
Annual average:													
1960–1969	19.4	10.1	9.4	25.6	2.8	7.8	5.0	53	40	13	47	36	11
1970–1979	36.5	12.8	23.8	29.7	2.3	8.0	1.3	36	28	8	64	48	16
1980–1984	79.9	25.7	54.2	38.9	2.5	12.1	5.0	32	25	7	68	54	14

[1] *Includes revisions not shown in detail.* [2] GNP=Gross national product. [3] Change from prior year shown; 1955 change from 1954.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual, and unpublished data.

NO. 989. RESEARCH AND DEVELOPMENT (R&D)—SOURCE OF FUNDS AND PERFORMANCE SECTOR: 1960 TO 1984

[In millions of dollars. See headnote, table 990]

YEAR	Total	SOURCE OF FUNDS				PERFORMANCE SECTION				
		Federal Govt.	Industry	Univ., colleges	Other [1]	Federal Govt.	Industry	Univ., colleges	Associated FFRDC's [1]	Other [2]
Current dollars:										
1960	13,523	8,738	4,516	149	120	1,726	10,509	646	360	282
1965	20,044	13,012	6,546	267	217	3,093	14,185	1,474	629	663
1970	26,134	14,892	10,444	461	337	4,079	18,067	2,335	737	916
1975	35,213	18,109	15,820	749	535	5,354	24,187	3,409	987	1,276
1980	62,618	29,451	30,911	1,323	933	7,632	44,505	6,060	2,246	2,175
1981	71,912	33,402	35,989	1,523	998	8,425	51,858	6,818	2,486	2,325
1982	80,317	37,053	40,528	1,683	1,053	9,141	59,011	7,261	2,479	2,425
1983	87,678	40,328	44,350	1,860	1,140	10,228	64,600	7,675	2,600	2,575
1984, est	96,975	44,270	49,375	2,080	1,250	10,800	72,000	8,605	2,770	2,800
Constant (1972) dollars:										
1960	19,635	12,673	6,573	214	175	2,481	15,297	928	517	412
1965	26,896	17,443	8,606	356	291	4,124	19,077	1,965	838	892
1970	28,613	16,316	11,421	506	370	4,481	19,756	2,564	809	1,003
1975	28,153	14,537	12,579	608	429	4,344	19,229	2,766	801	1,013
1980	*35,133*	*16,541*	*17,324*	*745*	*523*	*4,296*	*24,944*	*3,411*	*1,265*	*1,217*
1981	36,859	17,124	18,443	781	511	4,321	26,575	3,497	1,275	1,191
1982	38,742	17,841	19,588	806	507	4,379	28,524	3,478	1,188	1,173
1983	40,568	18,622	20,565	855	526	4,697	29,957	3,526	1,194	1,194
1984, est	42,951	19,577	21,905	916	553	4,756	31,944	3,788	1,219	1,244

[1] Federally-funded R & D centers. [2] Nonprofit institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual.

No. 990. Research and Development (R & D) Funds, by Performance Sector and Source: 1970 to 1984

[**In millions of dollars, except percent.** Data primarily on calendar year basis—calendar year data for industry and other nonprofit institutions combined with Federal and university fiscal year data. Data refer, in general, to natural sciences including engineering, and to social sciences in all but industry sector. Excludes capital expenditures data. Expenditures at associated federally funded research and development centers administered by industry and other nonprofit institutions included in totals of respective sectors. See also *Historical Statistics, Colonial Times to 1970*, series W 109-125]

PERFORMANCE SECTOR AND SOURCE OF FUNDS	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.	1984, est.
Total R & D [1]	**26,134**	**35,213**	**42,783**	**48,129**	**54,933**	**62,618**	**71,912**	**80,317**	**87,878**	**98,975**
In 1972 dollars	28,613	28,153	30,506	32,002	33,612	35,133	36,859	38,742	40,568	42,951
Percent Federal as source	57.0	51.4	50.5	49.6	48.8	47.0	46.4	46.1	46.0	45.7
Percent of gross national product	2.6	2.3	2.2	2.2	2.3	2.4	2.4	2.6	2.6	2.7
Federal Government	4,079	5,354	6,012	6,811	7,417	7,632	8,425	9,141	10,228	10,800
Industry	18,067	24,187	29,825	33,304	38,226	44,505	51,858	59,011	64,600	72,000
Federal funds	7,779	8,605	10,485	11,189	12,518	14,029	16,382	19,059	20,900	23,350
Industry funds	10,288	15,582	19,340	22,115	25,708	30,476	35,476	39,952	43,700	48,650
Universities and colleges	2,335	3,409	4,067	4,625	5,361	6,060	6,818	7,261	7,675	8,605
Federal funds	1,648	2,288	2,726	3,059	3,595	4,094	4,559	4,749	4,900	5,500
Industry funds	61	113	139	170	193	235	288	326	375	425
University and college funds [2]	461	749	888	1,037	1,200	1,323	1,523	1,683	1,860	2,080
Other nonprofit institutions funds [2]	165	259	314	359	373	408	448	503	540	600
Universities and colleges, associated federally funded R & D centers	737	987	1,384	1,717	1,935	2,246	2,486	2,479	2,600	2,770
Other nonprofit institutions	916	1,276	1,495	1,672	1,994	2,175	2,325	2,425	2,575	2,800
Federal funds	649	875	987	1,100	1,350	1,450	1,550	1,625	1,700	1,850
Industry funds	95	125	150	165	180	200	225	250	275	300
Other [3]	172	276	358	407	464	525	550	550	600	650
Total research, basic and applied	**9,269**	**12,471**	**15,282**	**17,236**	**19,629**	**22,149**	**26,129**	**28,330**	**30,507**	**33,250**
In 1972 dollars	10,160	10,017	10,883	11,461	12,009	12,439	13,395	13,641	14,087	14,703
Percent Federal as source	60.1	56.8	56.3	56.1	55.6	54.9	52.5	50.6	49.4	48.6
Federal Government	1,904	2,464	2,958	3,221	3,481	3,666	4,034	4,194	4,577	4,800
Industry	4,029	5,300	6,547	7,335	8,383	9,775	12,366	13,950	15,200	16,550
Federal funds	1,207	1,287	1,535	1,680	1,820	2,190	2,668	2,900	3,025	3,075
Industry funds	2,822	4,013	5,012	5,655	6,563	7,585	9,698	11,050	12,175	13,475
Universities and colleges	2,223	3,261	3,867	4,389	5,077	5,717	6,441	6,846	7,230	8,130
Federal funds	1,564	2,210	2,614	2,937	3,435	3,886	4,334	4,514	4,650	5,240
Industry funds	56	106	125	155	177	215	262	296	340	385
University and college funds [2]	448	702	830	959	1,115	1,233	1,422	1,563	1,730	1,940
Other nonprofit institutions funds [2]	155	243	298	338	350	383	423	473	510	565
Universities and colleges, associated federally funded R & D centers	485	573	867	1,116	1,298	1,486	1,663	1,665	1,725	1,845
Other nonprofit institutions	628	873	1,043	1,175	1,390	1,505	1,625	1,675	1,775	1,925
Federal funds	409	545	635	720	880	930	1,010	1,050	1,100	1,195
Industry funds	77	103	123	135	145	160	180	200	220	240
Other [3]	142	225	285	320	365	415	435	425	455	490
Total basic research	**3,549**	**4,608**	**5,537**	**6,392**	**7,257**	**8,089**	**9,217**	**9,886**	**10,610**	**11,850**
In 1972 dollars	3,895	3,720	3,939	4,250	4,438	4,548	4,727	4,749	4,886	5,229
Percent of total R & D	13.6	13.1	12.9	13.3	13.2	12.9	12.8	12.3	12.1	12.2
Percent Federal as source	70.1	68.1	69.0	69.5	69.5	68.7	67.7	66.6	65.7	65.6
Federal Government	577	734	914	1,029	1,089	1,182	1,302	1,465	1,650	1,800
Industry	602	730	911	1,035	1,158	1,325	1,641	1,850	2,050	2,300
Federal funds	158	157	210	250	265	290	328	350	375	425
Industry funds	444	573	701	785	893	1,035	1,313	1,500	1,675	1,875
Universities and colleges	1,796	2,410	2,800	3,176	3,612	4,026	4,576	4,851	5,135	5,850
Federal funds	1,296	1,694	2,007	2,264	2,572	2,851	3,248	3,393	3,525	4,030
Industry funds	40	72	79	99	113	135	167	190	225	260
University and college funds [2]	350	478	527	605	711	805	909	983	1,075	1,220
Other nonprofit institutions funds [2]	110	166	187	208	216	235	252	285	310	340
Universities and colleges, associated federally funded R & D centers	269	309	402	567	718	786	863	870	900	975
Other nonprofit institutions	305	425	510	585	680	770	835	850	875	925
Federal funds	189	245	290	335	400	450	495	510	520	545
Industry funds	44	60	70	80	85	95	105	115	125	135
Other [3]	72	120	150	170	195	225	235	225	230	245
Total development	**16,865**	**22,742**	**27,501**	**30,893**	**35,304**	**40,469**	**45,783**	**51,987**	**57,171**	**63,725**
In 1972 dollars	18,453	18,136	19,623	20,541	21,603	22,694	23,464	25,101	26,481	28,248
Percent of total R & D	64.5	64.6	64.3	64.2	64.3	64.6	63.7	64.7	65.2	65.7
Percent Federal as source	55.3	48.5	47.2	46.0	45.0	42.7	43.0	43.7	44.2	44.1

[1] Basic research, applied research, and development. [2] Includes State and local government funds received by these institutions and used for research and development. [3] Includes estimates for independent nonprofit hospitals and voluntary health agencies.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual.

No. 991. Federal Funding for Research and Development, by Budget Function: 1974 to 1984

[**In millions of dollars.** For years ending **June 30** except, beginning **1977** ending **Sept. 30.** Excludes R&D plant. Data for 1974–77 are shown in obligations, and for 1978–84 are shown in budget authority. See *Historical Statistics, Colonial Times to 1970,* series W 126, for total obligations]

FUNCTION	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, est.
Total [1]	**17,410**	**19,039**	**20,780**	**23,450**	**25,976**	**28,208**	**29,773**	**33,735**	**36,115**	**38,768**	**44,367**
National defense	9,016	9,679	10,430	11,864	12,899	13,791	14,946	18,413	22,070	24,936	29,275
Health	2,069	2,170	2,351	2,629	2,968	3,401	3,694	3,871	3,869	4,298	4,801
Energy	759	1,363	1,549	2,562	3,134	3,461	3,603	3,501	3,012	2,578	2,565
Space research and technology	2,702	2,764	3,130	2,832	2,939	3,136	2,738	3,111	2,584	2,134	2,286
General science	749	813	858	974	1,050	1,119	1,233	1,340	1,359	1,502	1,717
Natural resources and environment	516	624	683	753	904	1,010	999	1,061	965	952	985
Transportation	693	635	631	708	768	798	888	870	791	876	1,091
Agriculture	313	342	383	457	501	552	585	659	693	745	760
Education, training, employment [2]	236	239	255	230	345	354	468	298	228	189	203
Veterans benefits and services	85	95	98	107	111	123	126	143	139	157	220
International affairs	24	29	42	66	57	117	127	160	165	177	225
Commerce and housing credit	51	65	69	71	77	93	102	106	104	107	108
Community and regional develop	82	93	109	101	92	127	119	104	63	44	47

[1] Includes functions not shown separately. [2] Includes social services.

Source: U.S. National Science Foundation, *Federal R&D Funding by Budget Function,* annual.

No. 992. Federal Obligations for Research, by Field of Science: 1974 to 1984

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** See headnote table 991]

FIELD	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.	1984, est.
Research, total	**6,175**	**6,730**	**7,619**	**8,514**	**9,607**	**10,535**	**11,597**	**12,213**	**13,022**	**14,154**	**14,663**
Basic	2,388	2,588	2,768	3,259	3,699	4,193	4,674	5,041	5,482	6,086	6,615
Applied	3,788	4,141	4,852	5,256	5,908	6,342	6,923	7,172	7,540	8,068	8,048
Life sciences	2,265	2,455	2,650	3,008	3,427	3,848	4,192	4,436	4,746	5,133	5,251
Engineering	1,564	1,718	2,069	2,113	2,405	2,572	2,830	3,072	3,387	3,502	3,487
Physical sciences	1,016	1,097	1,259	1,530	1,646	1,793	2,001	2,221	2,500	2,852	3,179
Environmental sciences	636	727	769	906	1,025	1,101	1,261	1,121	1,148	1,219	1,189
Social sciences	292	302	393	426	490	527	524	497	386	426	432
Mathematics and computer sciences	114	125	158	196	216	210	241	279	350	399	482
Psychology	133	139	144	156	193	197	199	209	218	241	272
Other sciences	154	167	179	179	206	287	350	379	287	383	372

No. 993. Federal Obligations for Research and Development, by Agency: 1974 to 1984

[**In millions of dollars except percent.** For years ending **June 30** except, beginning **1980,** ending **Sept. 30.** See *Historical Statistics, Colonial Times to 1970,* series W 142, for total R&D expenditures. Minus sign (–) indicates decline]

AGENCY	1974	1975	1980	1981	1982	1983, est.	1984, est	PERCENT CHANGE		
								1981–82	1982–83	1983–84
Total	**17,410**	**19,039**	**29,830**	**33,104**	**36,433**	**38,710**	**45,497**	**10.1**	**6.2**	**17.5**
Dept. of Defense	8,420	9,012	13,981	16,509	20,623	23,125	29,736	24.9	12.1	28.6
National Aeronautics and Space Admin	3,002	3,064	3,234	3,593	3,078	2,416	2,463	–14.3	–21.5	1.9
Dept. of Commerce	181	215	343	328	336	339	234	2.4	.9	–31.0
Dept. of Energy [1]	1,489	2,047	4,754	4,918	4,708	4,605	4,517	–4.3	–2.2	–1.9
Dept. of Health and Human Services ...	[2] 2,290	[2] 2,398	3,780	3,927	3,941	4,327	4,435	.4	9.8	2.5
National Science Foundation	556	595	882	962	975	1,060	1,240	1.4	8.7	17.0
Dept. of Agriculture	379	420	688	774	797	853	848	3.0	7.0	–.6
Dept. of Transportation	370	312	361	416	310	394	520	–25.5	27.1	32.0
Dept. of the Interior	192	303	411	427	381	397	328	–10.8	4.2	–17.4
Environmental Protection Agency	169	258	345	326	335	241	208	2.8	–28.1	–13.7
Nuclear Regulatory Commission	42	64	183	220	220	210	200	–	–4.5	–4.8
Veterans Administration	85	95	133	144	137	163	160	–4.9	19.0	–1.8
International Development and Cooperation Agency [3]	(NA)	(NA)	149	134	200	175	207	49.3	–12.5	18.3
Dept. of Education [4]	(X)	(X)	139	105	128	145	126	21.9	13.3	–13.1
Other agencies	234	255	447	322	263	260	277	–18.4	–1.0	6.2

– Represents zero. NA Not available. X Not applicable. [1] Energy Research and Development Administration in 1975.
[2] Health, Education, and Welfare. See table 528 for complete list of agencies.
[3] Included in programs for Agency for International Development. [4] Includes National Institute of Education, Office of the Assistant Secretary for Education and Office of Education under HEW for 1974 and 1975; Dept. of Education, 1980–1984.

Source of tables 992 and 993: U.S. National Science Foundation, *Federal Funds for Research and Development,* annual.

No. 994. Funds for Peformance of Industrial Research and Development (R&D), by Industry, 1970 to 1982

[**In millions of dollars.** Covers basic research, applied research, and development. See also *Historical Statistics, Colonial Times to 1970*, series W 144-160]

INDUSTRY	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total [1]	**18,067**	**21,249**	**22,887**	**24,187**	**26,997**	**29,625**	**33,304**	**38,226**	**44,505**	**51,810**	**58,960**
Aircraft and missiles	5,219	5,052	5,278	5,713	6,339	7,033	7,536	8,041	9,198	11,968	14,045
Electrical equipment	4,220	4,902	5,011	5,105	5,636	5,886	6,507	7,824	9,175	10,329	11,925
Machinery	1,729	2,549	2,985	3,196	3,487	3,880	4,283	4,825	5,901	6,818	7,879
Chemicals and allied products	1,773	2,116	2,450	2,727	3,017	3,202	3,580	4,038	4,636	5,625	6,588
Motor vehicles, transport. equipment	1,591	2,477	2,476	2,430	2,872	3,478	4,010	4,668	5,117	[2] 4,970	[2] 5,130
Professional and scientific instruments	744	961	1,075	1,173	1,331	1,571	1,998	2,505	3,029	3,614	4,047
Petroleum refining	515	498	622	693	787	918	1,060	1,262	1,552	(D)	(D)
Primary metals	275	307	358	443	506	538	560	634	728	878	1,005
Rubber products	276	426	469	467	502	491	493	577	656	(D)	(D)
Fabricated metal products	207	291	313	324	358	386	384	455	550	624	570
Food and kindred products	230	269	298	335	355	415	472	528	620	(D)	(D)
Paper and allied products	178	194	237	249	313	333	387	445	495	(D)	626
Stone, clay, and glass products	167	199	217	233	263	287	324	356	406	(D)	(D)

D Withheld to avoid disclosure. [1] Includes industries not available separately. [2] Estimated.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual.

No. 995. Companies Performing Research and Development (R&D)—Selected Data, by Industry Group: 1975 to 1982

INDUSTRY GROUP	R & D FUNDS (mil. dol.)			R & D FUNDS AS PERCENT OF NET SALES			R & D SCIENTISTS/ ENGINEERS [1] (1,000)		
	1975	1980	1982	1975	1980	1982	1975	1980	1982
Total [2]	**24,187**	**44,505**	**58,960**	**3.1**	**3.0**	**3.7**	**363.3**	**450.6**	**509.8**
Aircraft and missiles	5,713	9,198	14,045	12.7	13.7	18.3	67.5	85.9	91.1
Electrical equipment	5,105	9,175	11,925	6.5	6.6	7.8	82.6	94.5	109.8
Machinery	3,196	5,901	7,879	4.8	5.0	6.1	52.8	62.1	76.0
Chemicals and allied products	2,727	4,636	6,588	3.7	3.6	4.2	45.2	51.4	61.6
Motor vehicles, transport. equipment	2,430	5,117	[3] 5,130	3.3	3.9	3.6	27.9	39.7	31.2
Professional and scientific instruments	1,173	3,029	4,047	5.9	7.5	8.9	17.9	32.8	(NA)
Petroleum refining	693	1,552	(NA)	.7	.6	(NA)	8.4	10.8	15.6
Primary metals	443	728	1,005	.8	.7	1.1	6.3	8.1	8.4
Rubber products	467	656	(NA)	2.5	2.2	(NA)	8.4	(NA)	8.1
Fabricated metal products	324	550	570	1.2	1.4	1.3	7.4	7.6	8.2
Food and kindred products	335	620	(NA)	.4	.4	(NA)	6.8	7.2	7.4
Paper and allied products	249	495	626	.9	1.0	1.2	5.0	7.4	8.4
Stone, clay, and glass products	233	406	(NA)	1.2	1.4	(NA)	4.5	5.4	5.1

NA Not available. [1] As of January. [2] Includes industries not available. [3] Estimated.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual.

No. 996. Federal Obligations to Universities and Colleges: 1970 to 1982

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Minus sign (−) indicates decrease]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total Federal obligations	**3,237**	**3,839**	**4,480**	**4,547**	**5,403**	**6,490**	**7,472**	**7,604**	**8,298**	**7,704**	**8,702**
Annual percent change [1]	−6.5	−7.4	16.7	1.5	18.8	20.1	15.1	1.8	9.1	−7.2	13.0
Academic science/engineering obligations	2,188	2,464	2,737	2,806	2,960	3,351	3,960	4,473	4,803	5,072	5,245
Percent of total	67.6	64.2	61.1	61.7	54.8	51.6	53.0	58.8	57.9	65.8	60.3
Research and development	1,447	1,871	2,085	2,246	2,431	2,803	3,386	3,874	4,160	4,410	4,553
Research and development plant	45	43	29	45	24	36	34	32	38	28	31
Other science/engineering activities	696	550	623	515	505	512	540	567	606	634	662
Nonscience engineering activities	1,049	1,375	1,743	1,741	2,443	3,138	3,512	3,131	3,495	2,632	3,457

[1] For 1970, change from 1969, for 1973, change from 1972.

Source: U.S. National Science Foundation, *Survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions*, annual.

No. 997. Nobel Prize Laureates in Chemistry, Physics, and Physiology/Medicine—Selected Countries: 1901 to 1983

[Presented by location of award-winning research and by date of award]

COUNTRY	1901–1983				1901–1915	1916–1930	1931–1945	1946–1960	1961–1975	1976–1983
	Total	Physics	Chemistry	Physiology/Medicine						
Total	**359**	**123**	**100**	**136**	**52**	**41**	**49**	**74**	**92**	**51**
United States	134	49	26	59	3	3	14	38	41	35
United Kingdom	66	21	24	21	7	8	11	14	20	6
Germany, Fed. Rep. of [1]	51	14	25	12	15	12	11	4	8	1
France	21	8	6	7	10	3	2	–	5	1
Soviet Union	10	7	1	2	2	–	–	4	3	1
Other countries	77	24	18	35	15	15	11	14	15	7

– Represents zero. [1] Includes East Germany before 1946.

Source: U.S. National Science Foundation, unpublished data.

No. 998. National Research and Development Expenditures as a Percent of Gross National Product, by Country: 1965 to 1983

YEAR	United States	France [1]	Germany,[2] Fed. Rep.	Japan	United Kingdom [1]	Soviet Union	YEAR	United States	France [1]	Germany,[2] Fed. Rep.	Japan	United Kingdom [1]	Soviet Union
1965	2.90	2.01	1.73	1.52	(NA)	2.85	1975	2.27	1.80	2.38	1.96	2.05	3.69
1966	2.89	2.06	1.81	1.46	2.31	2.88	1976	2.27	1.77	2.29	1.95	(NA)	3.55
1967	2.89	2.13	1.97	1.52	2.29	2.91	1977	2.23	1.76	2.32	1.93	(NA)	3.46
1968	2.82	2.08	1.97	1.60	2.25	(NA)	1978	2.23	1.76	2.45	1.96	2.13	3.47
1969	2.72	1.94	2.05	1.64	2.22	3.03	1979	2.27	1.81	2.59	2.06	(NA)	3.44
1970	2.63	1.91	2.18	1.81	(NA)	3.23	1980	2.38	1.84	2.65	2.18	(NA)	3.67
1971	2.47	1.90	2.38	1.85	(NA)	3.29	1981	2.45	2.01	2.70	2.36	2.32	3.66
1972	2.40	1.86	2.33	1.86	2.05	3.58	1982	2.58	2.06	2.79	2.47	(NA)	3.65
1973	2.31	1.76	2.22	1.90	(NA)	3.66	1983	2.65	2.16	2.81	(NA)	(NA)	(NA)
1974	2.29	1.79	2.26	1.97	(NA)	3.64							

NA Not available. [1] Percent of Gross Domestic Product. [2] Data for Federal Republic of Germany include R&D performed abroad.

Source: U.S. National Science Foundation, *Science Indicators*, biennial; and unpublished data.

No. 999. Research and Development (R&D) Expenditures in Science and Engineering at Universities and Colleges: 1975 to 1982

[**In millions of dollars.** Estimates for nonrespondents account for less than 7 percent of the total]

CHARACTERISTIC	1975	1980	1981	1982	CHARACTERISTIC	1975	1980	1981	1982
Total	**3,409**	**6,060**	**6,818**	**7,251**	Field:				
In 1972 dollars [1]	2,765	3,412	3,491	3,469	Life sciences	1,901	3,218	3,672	3,970
Basic research	2,410	4,026	4,576	4,851	Engineering	381	864	960	1,025
Applied R&D	999	2,034	2,242	2,410	Physical sciences	350	678	766	823
Source of funds:					Environmental sciences	255	509	552	560
All Governments	2,620	4,587	5,099	5,335	Social sciences and other	356	487	517	507
Institutions' own funds	417	829	983	1,098	Mathematics and computer sciences	85	193	222	244
Industry	113	235	288	326	Psychology	80	111	129	132
Other	259	409	448	502					

[1] Based on GNP implicit price deflator, see text, p. 427.

Source: U.S. National Science Foundation, *Survey of Scientific and Engineering Expenditures at Universities and Colleges*, annual.

No. 1000. Scientists and Engineers Employed in Research and Development: 1965 to 1983

[**In thousands of full-time equivalent employees.** Yearly averages for industry sector only. Excludes those employed by State and local government agencies, except as noted. DOD=Dept. of Defense. FFRDC's=federally funded R&D centers]

SECTOR	1965	1970	1975	1977	1978	1979	1980	1981	1982 [1]	1983 [1]
Total	**494.5**	**546.6**	**532.7**	**568.2**	**594.2**	**622.0**	**658.7**	**691.4**	**723.0**	**750.0**
Industry (excl. social scientists) [2]	348.4	375.6	363.8	393.6	414.2	437.2	469.2	499.7	530.6	555.9
Universities and colleges, total	53.4	68.5	69.8	74.4	76.6	78.6	81.2	83.3	84.0	85.8
Scientists and engineers	40.4	50.3	51.2	54.4	56.0	56.9	57.9	58.9	59.5	60.3
Graduate students	13.0	18.2	18.6	20.0	20.6	21.7	23.3	24.4	24.5	25.5
Federal Government (incl. DOD)	61.8	69.8	63.4	62.2	64.3	64.6	65.6	66.0	66.0	66.0
University-associated FFRDC's	11.1	11.5	12.7	14.0	14.1	14.1	15.2	15.4	15.4	15.3
Other nonprofit institutions [2 3]	19.9	21.2	23.0	24.0	25.0	27.5	27.5	27.0	27.0	27.0

[1] Estimated. [2] Includes professional R&D personnel employed at FFRDC's administered by industry and other nonprofit institutions. [3] Includes estimate for R&D scientists and engineers employed in State-affiliated institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual.

No. 1001. Scientists and Engineers, by Field, Labor Force Status, and Sex: 1978 to 1982

[**In thousands, except percent.** Represents the total science and engineering population in the United States]

Field	1978			1980			1982		
	Total		In labor force	Total		In labor force	Total		In labor force
	Number	Percent female		Number	Percent female		Number	Percent female	
Total, all fields	**2,822**	**9.8**	**2,661**	**3,083**	**11.5**	**2,917**	**3,506**	**12.5**	**3,327**
Engineers, total	1,659	1.9	1,561	1,800	3.0	1,701	1,987	3.3	1,883
Scientists, total	1,163	21.1	1,100	1,283	23.4	1,216	1,519	24.5	1,444
Life scientists	268	17.1	251	313	19.2	295	366	21.5	346
Computer specialists	184	23.8	179	215	26.7	210	309	27.3	302
Physical scientists	226	9.5	213	235	10.3	220	244	10.6	233
Social scientists	222	28.6	207	229	29.5	214	264	30.0	250
Psychologists	131	35.9	125	137	39.4	132	149	40.9	143
Environmental scientists	74	10.8	70	84	14.2	79	95	14.9	90
Mathematical scientists	59	26.6	55	70	29.6	66	86	32.8	81

Source: National Science Foundation, *U.S. Scientists and Engineers*, and unpublished data.

No. 1002. Characteristics of Employed Scientists and Engineers: 1982

[**Percent distribution, except as indicated.** Represents the total science and engineering employment in the United States]

Characteristic	Total	Engineers	Life scientists	Computer specialists	Physical scientists	Social scientists	Psychologists	Environmental scientists	Mathematical scientists
Total (1,000)	**3,253**	**1,847**	**337**	**299**	**227**	**237**	**138**	**87**	**79**
Male	88.0	96.8	79.6	73.7	90.2	71.4	60.0	85.8	68.1
Female	12.0	3.2	20.4	26.3	9.8	28.6	40.0	14.2	31.9
Highest degree:									
Doctorate	10.8	3.2	25.1	3.0	28.4	22.8	32.8	18.9	20.3
Master's	26.3	21.0	29.8	27.8	31.4	33.8	45.2	32.1	53.0
Bachelor's	52.4	58.1	43.2	68.4	39.8	42.0	21.5	48.3	25.2
Other	10.5	17.8	1.9	.8	.4	1.3	.5	.7	1.4
Type of employer:									
Business, industry	67.2	79.8	32.7	79.3	59.7	43.5	32.7	62.2	33.1
Educational institutions	12.0	2.7	32.6	5.6	21.3	27.7	37.7	12.4	47.0
Nonprofit organizations	3.4	1.3	6.3	2.8	3.9	7.6	18.8	1.0	2.6
Federal Government	8.7	7.1	16.9	7.0	10.6	9.3	2.4	17.1	13.6
Military	.5	.6	.2	.5	.3	.4	.6	1.1	.1
Other government	5.5	4.8	10.1	3.7	2.8	10.1	5.9	4.9	2.0
Other	2.7	3.6	1.2	1.2	1.4	1.4	2.0	1.3	1.5

Source: U.S. National Science Foundation, *U.S. Scientists and Engineers*, 1982.

No. 1003. Research and Development Scientists and Engineers—Average Full-Time-Equivalent Employment and Cost, by Industry: 1970 to 1982

[Data are estimates; for 1970 on man-years basis; thereafter, on average full-time-equivalent (FTE) basis. See *Historical Statistics, Colonial Times to 1970*, series W 167, for total cost per scientist or engineer]

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Average FTE of scientists and engineers (1,000)	**375.6**	**358.6**	**354.0**	**358.9**	**361.7**	**363.8**	**373.6**	**393.6**	**414.2**	**437.3**	**469.2**	**498.8**	**522.7**
Chemicals [1]	41.4	41.9	41.0	41.4	43.5	44.8	45.4	47.4	49.2	50.7	53.1	58.2	64.4
Machinery	42.5	43.2	45.0	48.7	51.9	54.3	55.5	56.6	59.0	61.2	65.7	72.6	76.2
Electrical equipment [2]	96.2	87.7	84.5	84.0	82.8	81.5	82.2	84.3	84.7	89.8	100.7	108.4	111.9
Motor vehicles [3]	26.9	29.0	29.8	29.6	28.6	27.5	28.6	32.0	35.5	38.5	38.1	33.9	31.3
Aircraft and missiles	85.2	74.5	71.5	71.4	69.1	67.2	69.5	77.0	84.3	86.2	90.6	93.2	95.3
Other industries	83.4	82.3	82.2	83.8	86.0	86.5	92.4	96.3	101.5	110.9	121.0	132.5	143.6
Cost per scientist or engineer ($1,000)	**48.1**	**51.1**	**55.3**	**59.2**	**63.3**	**66.5**	**72.2**	**75.8**	**80.4**	**87.4**	**94.9**	**103.9**	**112.8**
Chemicals [1]	42.8	43.7	47.1	51.1	56.3	60.9	66.5	67.6	72.8	79.6	87.4	96.7	102.4
Machinery	40.7	43.1	48.0	52.4	57.5	58.9	62.8	68.6	72.6	78.9	89.9	93.9	103.2
Electrical equipment [2]	43.9	50.1	55.4	58.4	60.7	62.7	68.6	69.9	76.8	87.2	91.1	95.3	106.6
Motor vehicles [3]	59.6	61.0	67.4	83.7	86.6	88.4	100.4	108.6	113.0	121.2	134.3	146.6	163.9
Aircraft and missiles	61.3	65.5	69.2	70.8	76.4	85.1	91.3	91.3	89.4	93.3	101.6	128.4	147.4
Other industries	42.4	43.6	46.5	49.6	54.5	56.7	61.1	65.9	72.8	79.6	86.6	91.3	93.3

[1] Includes allied products. [2] Includes communication. [3] And other transportation equipment.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual.

No. 1004. Civilian Employment of Scientists, Engineers, and Technicians in Private Industry, by Occupation and Major Industrial Sector: 1982

[In thousands. Covers wage and salary workers]

OCCUPATION	Total	Mining [1]	Construction	Manufacturing	Transportation	Communications	Public utilities	Trade	Finance, insurance, real estate	Services
Scientists and engineers	**1,560.4**	**71.9**	**48.6**	**749.4**	**12.0**	**45.6**	**39.7**	**76.1**	**55.8**	**461.3**
Scientists	544.7	35.4	1.5	161.3	4.3	4.5	7.2	30.6	50.3	249.6
Physical scientists	166.3	28.1	.2	89.9	.4	(Z)	1.0	2.7	.4	43.6
Life scientists	35.4	(Z)	.2	10.0	(Z)	(Z)	(Z)	1.0	(Z)	24.2
Mathematical scientists	16.1	.8	(Z)	8.2	(Z)	(Z)	(Z)	.3	.8	6.0
Social scientists	61.6	1.3	.2	2.2	.7	.2	2.4	.4	17.8	36.4
Psychologists	54.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	54.8
Systems analysts, EDP	210.5	5.2	.9	51.0	3.2	4.3	3.8	26.2	31.3	84.6
Engineers [2]	1,015.7	36.5	47.1	588.1	7.7	41.1	32.5	45.5	5.5	211.7
Civil engineers	87.0	1.2	16.0	8.9	1.7	.9	2.5	1.8	.7	53.3
Electrical/electronics engineers	286.2	3.7	6.0	162.7	1.0	29.4	16.0	11.9	.3	55.2
Mechanical engineers	192.1	1.9	9.4	116.8	2.2	1.9	5.6	9.6	.4	52.3
Technicians, except health [2]	**1,303.6**	**33.5**	**39.3**	**501.3**	**63.2**	**52.4**	**41.5**	**112.8**	**14.3**	**445.3**
Drafters	285.0	7.2	18.8	112.2	.7	5.7	13.1	5.6	2.1	119.6
Electrical/electronic technicians	353.9	2.7	10.1	137.7	3.9	36.7	11.7	91.9	(Z)	58.6
Surveyors	29.2	2.8	3.5	1.1	.6	.5	1.4	(Z)	.2	19.1
Computer programmers	241.7	3.4	1.4	73.1	3.3	4.5	3.7	18.9	39.9	93.5

Z Fewer than 50. [1] Includes oil and gas extraction. [2] Includes engineers and technicians not shown separately.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 1005. Scientists and Engineers—Employment in Institutions of Higher Education, by Field: 1975 to 1983

[In thousands. As of January. Includes full-time and part-time personnel. Excludes graduate students who receive stipends for part-time services as scientists or engineers. R and D=research and development]

FIELD	1975	1980	1982	1983	FIELD	1975	1980	1982	1983
Total	**291.4**	**339.3**	**364.4**	**373.9**	Math. and computer scientists	28.5	36.0	42.3	45.6
Universities, colleges	278.9	324.2	349.3	358.8	Life scientists	113.5	[1] 133.7	[1] 146.3	[1] 151.5
Teaching staff	215.0	(NA)	(NA)	(NA)	Agricultural	14.3	15.9	16.4	16.6
Engineers [1]	27.9	33.7	36.3	37.7	Biological	36.2	44.8	46.7	47.9
Civil	4.9	5.5	6.1	6.4	Medical	61.0	67.1	73.0	74.9
Electrical	6.8	8.2	9.0	9.6	Psychologists	21.6	23.3	23.7	23.7
Mechanical	5.3	6.1	6.6	6.7	Social scientists	48.7	54.1	56.0	55.5
Physical and environmental science [1]	38.7	43.5	44.6	44.8	Federally funded R & D centers	12.5	15.1	15.1	15.1
Chemists	16.1	17.6	18.0	18.2	Engineers	5.9	6.5	6.6	6.5
Earth scientists	6.0	6.6	6.7	6.5	Scientists	6.6	8.6	8.6	8.5
Physicists	12.3	13.0	13.3	13.6					

NA *Not available.* [1] *Includes other breakdown not shown separately.*

Source: U.S. National Science Foundation, *Survey of Scientific Fields and Engineering Personnel Employed in Universities and Colleges*, annual.

No. 1006. Professional Scientific, Engineering, and Technical Personnel in the Federal Government, by Occupational Group: 1970 to 1981

[In thousands, except percent. As of October. Excludes health professional personnel]

OCCUPATIONAL GROUP	1970	1975	1978	1979	1980	1981 [1]	PERCENT FEMALE					
							1970	1975	1978	1979	1980	1981 [1]
Total	**180.3**	**188.9**	**200.6**	**203.6**	**206.9**	**207.9**	**6.7**	**6.5**	**7.7**	**8.3**	**9.5**	**10.3**
Scientific personnel	77.2	77.3	84.8	85.6	88.0	88.9	8.0	8.8	10.7	11.5	12.7	13.2
Physical sciences	29.8	27.1	27.5	27.6	27.6	27.4	6.4	6.6	7.9	8.4	9.5	10.0
Mathematics and statistics	8.6	10.0	11.2	10.9	11.1	10.9	17.4	15.9	17.6	18.7	19.8	19.9
Life sciences	26.9	26.4	29.3	29.5	30.5	32.4	4.1	5.1	6.6	7.5	8.7	9.8
Social sciences [2]	6.6	8.0	10.1	10.3	10.5	8.9	16.2	17.6	21.3	22.2	23.3	23.1
Geography and cartography	3.3	2.9	3.6	4.1	4.9	5.2	8.5	7.9	9.8	11.9	14.8	15.7
Psychology	2.2	2.9	3.2	3.2	3.3	3.4	13.7	14.6	16.0	16.7	16.8	17.5
Engineering personnel	89.0	86.6	89.2	88.8	89.6	87.9	.5	.7	1.1	1.3	1.9	2.3
Computer specialists	20.1	25.0	26.6	29.3	29.3	31.1	21.1	19.1	20.2	20.1	23.3	24.7

[1] Excludes Tennessee Valley Authority. [2] *Includes community planning.*

Source: U.S. National Science Foundation. Compiled from data supplied by the U.S. Office of Personnel Management.

No. 1007. Graduate Science and Engineering Students in Doctorate-Granting Institutions, by Field, Enrollment Status, and Level of Study: 1975 to 1982

[In thousands. As of fall. Includes outlying areas]

Field of science	Students enrolled full time									Students enrolled part time		
	Total			First year			Beyond first year					
	1975	1980	1982	1975	1980	1982	1975	1980	1982	1975	1980	1982
Total	**210.3**	**230.7**	**237.7**	**79.2**	**77.4**	**76.8**	**131.2**	**153.3**	**160.9**	**83.4**	**103.2**	**109.7**
Engineering	37.1	42.3	49.1	16.4	15.9	17.8	20.6	26.4	31.3	27.5	29.7	31.4
Physical sciences	21.3	22.3	23.4	6.0	5.7	5.9	15.3	16.5	17.5	3.3	3.1	3.2
Environmental sciences	9.0	10.1	10.7	3.3	3.3	3.4	5.7	6.8	7.4	2.0	2.4	2.7
Mathematical/computer sciences	14.1	15.3	18.2	5.4	5.5	6.3	8.7	9.7	11.8	7.2	9.7	12.2
Life sciences	59.6	67.9	66.1	23.3	23.0	21.1	36.3	44.8	45.0	14.0	23.0	25.3
Psychology	19.7	21.6	21.1	5.7	5.7	5.5	14.0	15.9	15.6	7.2	7.8	7.9
Social sciences	49.5	51.3	49.0	19.0	18.3	16.7	30.5	33.1	32.3	22.3	27.4	27.1

Source: U.S. National Science Foundation, *Survey of Graduate Science and Engineering Students and Postdoctorates*, annual.

No. 1008. Science and Engineering Degrees Conferred, by Recipients' Characteristics, 1975 to 1983, and by Selected Fields, 1983

Characteristic	All fields					1983						
	1975	1979	1980	1981	1982	All fields [1]	Engineering	Physical sciences [2]	Mathematics and computer sciences	Psychology	Social sciences [3,4]	Biological sciences [5]
Doctorate conferred	32,913	31,200	30,982	31,319	31,048	31,190	2,780	3,438	986	3,307	2,185	3,732
Percent with master's degree	81.3	81.2	80.9	80.6	80.0	80.0	88.3	54.4	78.1	80.4	82.7	49.7
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Male	78.1	71.4	69.7	68.5	67.6	66.4	95.5	86.4	84.9	52.5	71.5	67.0
Female	21.9	28.6	30.3	31.5	32.4	33.6	4.5	13.6	15.1	47.5	28.5	33.0
White [6]	79.8	83.3	84.6	85.3	86.4	86.8	76.1	87.9	85.6	89.6	86.4	90.1
Black and other [6]	12.1	10.9	10.5	10.6	11.1	10.7	20.7	8.6	10.3	8.3	10.2	7.7
Not reported [6]	8.1	5.8	4.9	4.1	2.5	2.5	3.2	3.5	4.1	2.1	3.4	2.2
U.S. citizens	82.1	81.3	81.0	79.8	78.3	77.9	41.8	74.0	59.7	91.4	73.6	85.8
Foreign citizens	15.9	15.7	15.9	16.6	17.4	18.5	53.5	23.1	35.9	4.3	21.8	11.7
Citizenship unknown	2.0	3.0	3.1	3.6	4.3	3.6	4.7	2.9	4.4	4.3	4.5	2.5
Median age at award [7] (yr.)	31.5	31.9	32.2	32.4	32.5	32.8	30.8	29.3	29.9	32.0	32.9	29.9
Median total time, [7] baccalaureate to doctorate (yr.)	8.6	9.0	9.3	9.4	9.5	9.8	8.0	6.9	7.7	8.9	9.7	7.4
Registered time (yr.)	5.9	6.2	6.3	6.4	6.5	6.6	5.7	5.9	6.2	6.6	7.2	6.1
Master's conferred (1,000)	294	302	299	297	297	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Bachelor's conferred [8] (1,000)	988	1,001	1,011	1,019	1,037	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes other fields, not shown separately. [2] Astronomy, physics, chemistry, and earth sciences. [3] Data not strictly comparable to those shown in table 1009; see source for details. [4] Anthropology, sociology, economics, political science, public administration, and international relations. [5] Biochemistry, botany, microbiology, physiology, zoology, and related fields. [6] 1979–1983 data on race limited to U.S. citizens and non-U.S. citizens with permanent visas. [7] For definition of median, see Guide to Tabular Presentation. [8] Includes first professional degrees.

Source: U.S. National Science Foundation. Data from National Research Council, *Summary Report, 1983: Doctorate Recipients from United States Universities.*

No. 1009. Science and Engineering Doctorates Conferred: 1970 to 1983

[For year ending **June 30.** See also *Historical Statistics, Colonial Times to 1970*, series H 767–771, 774, and 776–780]

Field of science	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Science doctorates conferred	**17,731**	**18,352**	**17,872**	**17,373**	**17,034**	**17,230**	**17,195**	**17,623**	**17,614**	**17,924**
Life sciences	4,163	4,402	4,350	4,266	4,361	4,495	4,710	4,783	4,840	4,747
Biological sciences	3,360	3,498	3,562	3,484	3,508	3,640	3,798	3,801	3,889	3,732
Agricultural sciences [1]	803	904	788	782	853	855	912	982	951	1,015
Physical sciences	4,400	3,749	3,572	3,410	3,234	3,321	3,151	3,208	3,348	3,438
Chemistry	2,234	1,762	1,623	1,570	1,545	1,567	1,538	1,611	1,678	1,759
Physics and astronomy	1,655	1,293	1,235	1,149	1,066	1,108	985	1,015	1,013	1,042
Earth, environmental, and marine sciences	511	694	714	691	623	646	628	582	657	637
Psychology	1,888	2,749	2,878	2,960	3,049	3,081	3,098	3,357	3,154	3,307
Social sciences	2,625	3,344	3,278	3,137	3,008	2,862	2,794	2,787	2,688	2,666
Engineering	3,432	2,959	2,791	2,641	2,423	2,494	2,479	2,528	2,644	2,780
Mathematics and computer sciences	1,222	1,149	1,003	959	959	977	963	960	940	986

[1] Excludes agricultural economics, included in social sciences.

Source: U.S. National Science Foundation. Data from National Research Council, Doctorate Record File.

NO. 1010. DOCTORAL SCIENTISTS AND ENGINEERS—SELECTED CHARACTERISTICS: 1975 TO 1983

[In thousands]

CHARACTERISTIC	1975	1979	1981	1983	
				Number	Employed
Total	**270.5**	**332.3**	**363.9**	**395.0**	**369.3**
Field:					
Physical scientists	58.4	64.3	67.7	69.6	64.0
Mathematical scientists	14.2	16.1	16.5	17.4	16.4
Computer specialists	*3.5*	*6.8*	*9.1*	*12.3*	*12.2*
Environmental scientists	12.5	15.1	16.6	17.1	16.5
Engineers	43.4	51.5	58.3	63.8	61.5
Life scientists	70.3	86.3	93.8	101.4	92.8
Psychologists	31.4	40.3	45.4	49.7	46.6
Social scientists	36.8	52.0	56.5	63.7	59.3
Sex:					
Men	244.9	294.4	318.1	340.5	320.5
Women	25.6	37.9	45.7	54.6	48.8
Race:					
White	242.4	293.5	322.9	352.3	328.5
Black	2.6	3.7	4.6	5.3	4.9
Asian	13.1	21.7	27.9	30.9	29.7
Other and not reported	12.4	13.4	8.5	6.6	6.2
Employment status:					
Full-time employed	240.6	292.9	322.3	341.9	341.9
Part-time employed	7.3	10.7	10.7	16.5	16.5
Postdoctorates	8.2	10.2	10.5	10.9	10.9
Unemployed/seeking	2.5	2.9	2.6	3.7	(X)
Not employed/not seeking	2.4	3.6	3.4	3.7	(X)
Retired/not employed	8.7	10.3	12.5	13.8	(X)
Other	.4	.8	.4	.8	(X)
Not reported	.5	.9	1.4	3.7	(X)

X Not applicable.

Source: U.S. National Science Foundation, *Characteristics of Doctoral Scientists and Engineers in the United States: 1983.*

NO. 1011. DOCTORAL SCIENTISTS AND ENGINEERS, BY SELECTED STATES: 1983

[**In thousands.** Selected States represent those with more than 4,000 scientists and engineers]

STATE	Total	Natural scientists	Social scientists	Engineers
Total	**395.0**	**217.7**	**113.5**	**63.8**
Arizona	4.2	2.1	1.3	.8
California	48.7	25.0	13.4	10.3
Colorado	8.0	4.7	1.8	1.5
Connecticut	7.2	4.3	2.1	.8
District of Columbia	11.6	5.0	5.3	1.3
Florida	9.3	4.5	3.4	1.4
Georgia	5.8	3.6	1.5	.7
Illinois	17.6	9.5	5.5	2.6
Indiana	7.3	4.4	2.0	.9
Louisiana	4.9	2.9	1.2	.8
Maryland	14.6	9.4	3.5	1.7
Massachusetts	17.0	9.2	5.3	2.5
Michigan	12.1	6.9	3.4	1.8
Minnesota	7.0	4.2	2.1	.7
Missouri	6.7	3.9	1.8	1.0
New Jersey	17.0	9.4	3.2	4.4
New Mexico	4.8	2.9	.6	1.3
New York	37.7	19.5	13.3	4.9
North Carolina	8.8	5.6	2.2	1.0
Ohio	15.7	8.5	4.3	2.9
Oklahoma	4.2	2.0	1.3	.9
Oregon	4.3	2.4	1.4	.5
Pennsylvania	19.1	10.3	5.5	3.3
Tennessee	6.6	3.8	1.8	1.0
Texas	20.4	11.8	4.6	4.0
Virginia	12.0	6.0	3.6	2.4
Washington	7.6	4.0	2.2	1.4
Wisconsin	6.5	3.7	2.1	.7
Others	48.3	28.2	13.8	6.3

Source: U.S. National Science Foundation, *Characteristics of Doctoral Scientists and Engineers in the United States: 1983.*

NO. 1012. FEDERAL SPACE PROGRAM—BUDGET AUTHORITY, BY AGENCY: 1960 TO 1984

[**In millions of dollars, except percent.** 1984 estimated. Through **1976,** for years ending **June 30;** thereafter, years ending **Sept. 30.** NASA = National Aeronautics and Space Administration]

YEAR	Total [1]	NASA [2]		Dept. of Defense	Dept. of Commerce	Dept. of Energy [3]
		Total	Percent of total			
1960	1,066	462	49.2	561	(X)	43
1965	6,956	5,138	75.5	1,574	12	229
1966	6,970	5,065	74.2	1,689	27	187
1967	6,710	4,830	74.0	1,664	29	184
1968	6,529	4,430	70.3	1,922	28	145
1969	5,976	3,822	66.8	2,013	20	118
1970	5,341	3,547	70.1	1,678	8	103
1971	4,741	3,101	69.8	1,512	27	95
1972	4,575	3,071	72.3	1,407	31	55
1973	4,825	3,093	70.6	1,623	40	54
1974	4,640	2,759	65.5	1,766	60	42
1975	4,914	2,915	65.7	1,892	64	30
1976	5,320	3,225	66.7	1,983	72	29
1977	5,983	3,440	63.8	2,412	91	22
1978	6,509	3,623	62.4	2,729	103	34
1979	7,419	4,030	61.9	3,211	98	59
1980	8,689	4,680	60.3	3,848	93	40
1981	9,978	4,992	55.3	4,828	87	41
1982	12,091	5,494	45.4	6,362	144	61
1983	15,564	6,328	40.7	9,019	178	39
1984	17,449	6,590	37.8	10,590	235	34

X Not applicable. [1] Includes agencies not shown separately. [2] Includes budget authority for the space transportation system of $3.1 billion in 1982; $4.1 billion in 1983 and $4.0 billion in 1984. [3] See footnote 1, table 993.

Source: U.S. National Aeronautics and Space Administration, *Aeronautics and Space Report of the President,* annual. Data from U.S. Office of Management and Budget.

No. 1013. National Aeronautics and Space Administration—Outlays for Research and Development: 1965 to 1984

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Performance includes research and development, and research and program management. Space science includes technology. Minus sign (−) indicates decrease]

Year	Total outlays	Percent change	Performance				Facilities			
			Total	Space flight	Space science, applications	Air transport and other	Total	Space flight	Space science, applications	Air transport and other
1965	5,093	[1] 22.1	4,562	3,138	1,126	298	531	401	78	52
1966	5,933	16.5	5,361	3,819	1,120	422	572	391	63	118
1967	5,426	−8.5	5,137	3,477	1,160	500	289	172	47	70
1968	4,726	−12.9	4,599	3,028	1,061	510	127	69	29	29
1969	4,252	−10.0	4,187	2,754	893	540	65	27	21	17
1970	3,753	−11.7	3,699	2,195	963	541	54	14	21	19
1971	3,382	−9.9	3,338	1,877	926	535	44	8	6	30
1972	3,423	1.2	3,373	1,727	1,111	535	50	13	7	30
1973	3,316	−3.1	3,271	1,532	1,220	519	45	5	11	29
1974	3,256	−1.8	3,181	1,448	1,156	577	75	25	12	38
1975	3,266	.3	3,181	1,500	1,076	606	85	35	9	42
1976	3,670	12.4	3,549	1,934	969	646	121	66	11	43
1977	3,945	7.5	3,840	2,195	1,002	643	105	56	4	45
1978	3,984	1.0	3,860	2,204	964	692	124	56	8	60
1979	4,187	5.0	4,054	2,175	1,144	735	133	41	9	83
1980	4,850	15.8	4,710	2,556	1,341	813	140	38	5	97
1981	5,421	11.8	5,274	3,026	1,380	868	147	26	4	117
1982	6,035	11.3	5,926	3,526	1,454	946	109	17	3	89
1983	6,664	10.4	6,556	4,027	1,486	1,043	108	26	–	82
1984, est	7,068	6.1	6,930	4,053	1,587	1,290	139	38	3	98

– Represents zero. [1] Change from 1964.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 1014. Space Vehicle Systems—Sales and Backlog Orders: 1965 to 1983

[**In millions of dollars.** Backlog orders as of **Dec. 31.** Based on data from major companies engaged in manufacture of aerospace products. Excludes engines and propulsion units]

Year	Net sales			Backlog orders			Year	Net sales			Backlog orders		
	Total	Military	Non-military	Total	Military	Non-military		Total	Military	Non-military	Total	Military	Non-military
1965	2,449	602	1,847	2,203	503	1,700	1976	2,002	904	1,098	1,234	902	332
1970	1,956	1,025	931	1,184	786	398	1977	1,870	814	1,056	1,589	1,263	326
1971	1,725	860	865	916	603	313	1978	2,324	1,006	1,318	2,188	1,693	495
1972	1,656	905	751	959	646	313	1979	2,539	1,105	1,434	1,448	909	539
1973	1,562	902	660	1,177	923	254	1980	3,483	1,461	2,022	1,814	951	863
1974	1,751	944	807	1,492	1,131	361	1981	3,856	1,736	2,120	3,174	2,164	1,010
1975	2,119	1,096	1,023	1,304	1,019	285	1982	4,749	2,606	2,143	4,337	2,403	1,934
							1983, prel.	5,221	2,575	2,646	5,487	3,502	1,985

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MQ-37D, *Aerospace Industry (Sales and Orders)*.

No. 1015. World-Wide Successful Space Launches: 1957 to 1983

[Criterion of success is attainment of Earth orbit or Earth escape]

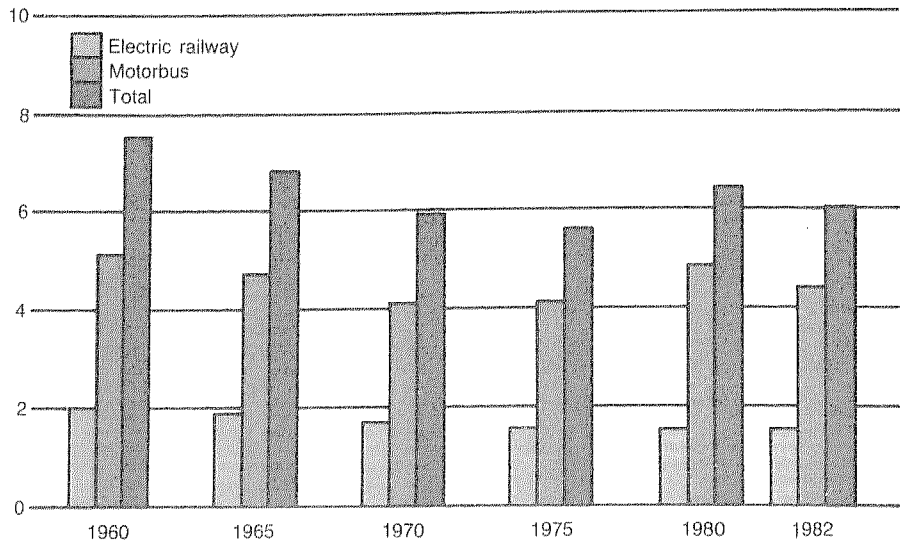
Year	Total	Soviet Union	United States	Japan	European Space Agency	India	Mainland China	Year	Total [1]	Soviet Union	United States	Japan	European Space Agency	India	Mainland China
Total	**2,513**	**1,636**	**822**	**24**	**5**	**3**	**11**	1969	110	70	40	–	–	–	–
								1970	114	81	29	1	–	–	1
1957	2	2	–	–	–	–	–	1971	120	83	32	2	–	–	1
1958	6	1	5	–	–	–	–	1972	106	74	31	1	–	–	–
1959	13	3	10	–	–	–	–	1973	109	86	23	–	–	–	–
1960	19	3	16	–	–	–	–	1974	106	81	24	1	–	–	–
1961	35	6	29	–	–	–	–	1975	125	89	28	2	–	–	3
1962	72	20	52	–	–	–	–	1976	128	99	26	1	–	–	2
1963	55	17	38	–	–	–	–	1977	124	98	24	2	–	–	–
1964	87	30	57	–	–	–	–	1978	124	88	32	3	–	–	1
1965	112	48	63	–	–	–	–	1979	106	87	16	2	1	–	–
1966	119	44	73	–	–	–	–	1980	105	89	13	2	–	1	–
1967	127	66	58	–	–	–	–	1981	123	98	18	3	2	1	1
1968	119	74	45	–	–	–	–	1982	121	101	18	1	–	–	1
								1983	127	98	22	3	2	1	1

– Represents zero. [1] Includes launches in other countries not shown separately.

Source: Library of Congress, Congressional Research Service, Science Policy Research Division, *Space Activities of the United States, Soviet Union, and Other Launching Countries/Organizations*, January 1984.

Figure 22.1

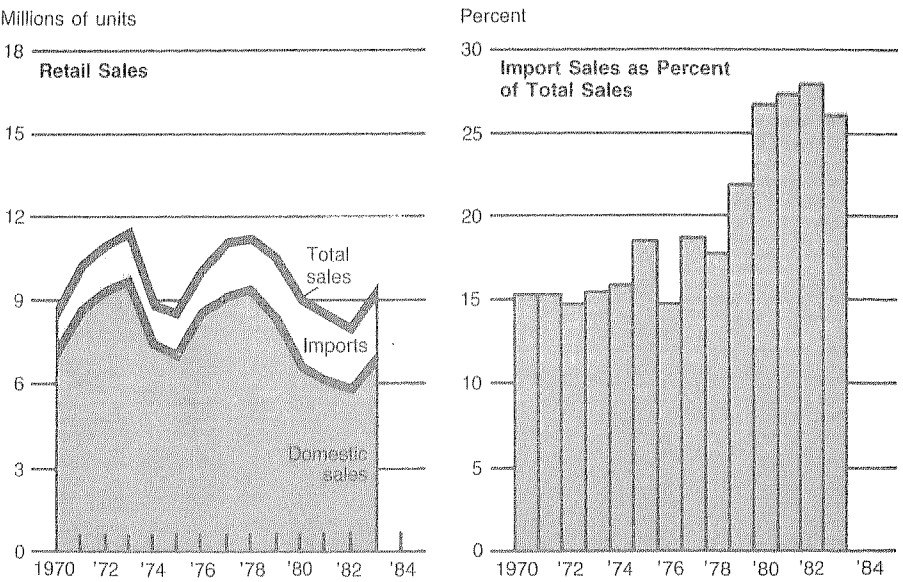
Revenue Passengers Carried by Local Public Transportation: 1960 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1056.

Figure 22.2

Passenger Car Retail Sales: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1036.

1985

Section 22

Transportation—Land

This section presents statistics on revenues, passenger and freight traffic volume, and employment in various revenue-producing modes of the transportation industry, including motor vehicles, trains, and pipelines. Data are also presented on commuting travel; highway mileage and finances; motor vehicle travel, accidents, sales, and registrations; automobile operating costs; and characteristics of public transit, railroads, and pipelines.

The principal compiler of data on public roads and on operation of motor vehicles is the U.S. Department of Transportation's (DOT) Federal Highway Administration (FHWA). These data appear in FHWA's annual *Highway Statistics.* The U.S. Interstate Commerce Commission (ICC) presents data on interstate land transport in its publications, the *Annual Report to Congress* and the *Transport Statistics in the United States,* which contain data on railroads and motor carriers subject to ICC regulations.

The U.S. National Highway Traffic Safety Administration issues data on traffic accident deaths and death rates in two annual reports: the *Fact Book* and the *Fatal Accident Reporting System Annual Report.* DOT's Federal Railroad Administration presents data on accidents involving railroads in its annual *Accident/Incident Bulletin,* and the *Rail-Highway Crossing Accident/Incident and Inventory Bulletin.*

Various censuses and surveys conducted by the U.S. Bureau of the Census also provide data. Results of the censuses of transportation are presented in *Commodity Transportation Survey, National Travel Survey,* and *Truck Inventory and Use Survey.* The *Annual Survey of Manufactures* and reports of the censuses of manufactures, wholesale and retail trade, and service industries contain statistics on the motor vehicle and equipment industry and on retail, wholesale, and services aspects of this industry. Data on persons commuting to work were collected as part of the 1980 census and are provided for selected metropolitan areas and cities in tables 1054 and 1055.

Data are also presented in many nongovernment publications. Among them are: The weekly and annual *Cars of Revenue Freight Loaded* and the annual *Yearbook of Railroad Facts,* both published by the Association of American Railroads, Washington, DC; *Bus Facts,* issued annually by the American Bus Association, Washington, DC; and the *Transit Fact Book,* containing electric railway and motorbus statistics, published annually by the American Public Transit Association, Washington, DC. Useful annual handbooks in the field of transportation are *Motor Vehicle Facts and Figures* and *World Motor Vehicle Data,* issued by the Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI; *Accident Facts,* issued by the National Safety Council, Chicago, IL; and *Transportation in America,* issued by the Transportation Policy Associates, Washington, DC.

Urban and rural highway mileage.—Beginning 1980, mileage is classified in urban and rural categories, rather than municipal and rural. Urban denotes the Federal-aid legislation definition of an area. Such areas include, as a minimum, a census place with a population of 5,000 to 49,999 or a designated urbanized area with a population of 50,000 or more. These Federal-aid urban areas may extend beyond corporate and census boundaries, and thus are not necessarily coextensive with municipal boundaries. Rural in 1980 refers to non-Federal-aid urban area mileage. Prior to 1980, municipal referred to roads within incorporated places, densely populated New England towns, and certain of the more populous unincorporated areas and rural to non-municipal roads.

Federal-aid highway systems.—Federal law provides that Federal funds be matched in varying proportions with State funds for the costs of planning, engineering, right-of-way acquisition, and construction of highways. Other costs, such as maintenance and policing, are borne entirely by the States and local agencies.

Effective July 1, 1976, a uniform road classification system was implemented which shortened the mileage of the highway system and redefined the three main systems of Federal-aid routes. The Federal-aid primary system is comprised of a network of main roads important to interstate, statewide, and regional travel. The system consists of main rural roads and their extensions into or through urban areas. The Federal-aid secondary system consists of rural roads of a more local nature, such as those which connect county seats and the larger population centers not served by the primary system. The Federal-aid urban system is located in urban places of 5,000 or more persons and consists of major urban roads and streets, except those on the primary system.

Regulatory bodies.—The ICC, created by the U.S. Congress to regulate transportation in interstate commerce, has jurisdiction over railroads, trucking companies, bus lines, freight forwarders, water carriers, coal slurry pipelines, and transportation brokers. The Federal Energy Regulatory Commission is responsible for setting rates and charges for transportation and sale of natural gas and for establishing rates or charges for transportation.

Motor carriers.—For 1960–1973, class I for-hire motor carriers of freight were classified by the ICC as those with $1 million or more of gross annual operating revenue; since 1974, the class I minimum has been $3 million. Effective January 1, 1980 class I revenue are those with $5 million or more. For 1960–1968, class I motor carriers of passengers were classified by the ICC as those with $200,000 or more of gross annual operating revenue; for 1969–1976, as those with revenues of $1 million or more; and since 1977, as those with $3 million or more.

Railroads.—Railroad companies reporting to the ICC are divided into specific groups as follows: (1) Regular line-haul (interstate) railroads (and their non-operating subsidiaries); (2) switching and terminal railroads; (3) private railroads prior to 1964 (identified by ICC as "circular" because they reported on brief circulars); and (4) unofficial railroads, so designated when their reports are received too late for tabulation. For the most part, the last 3 groups are not included in the statistics shown here.

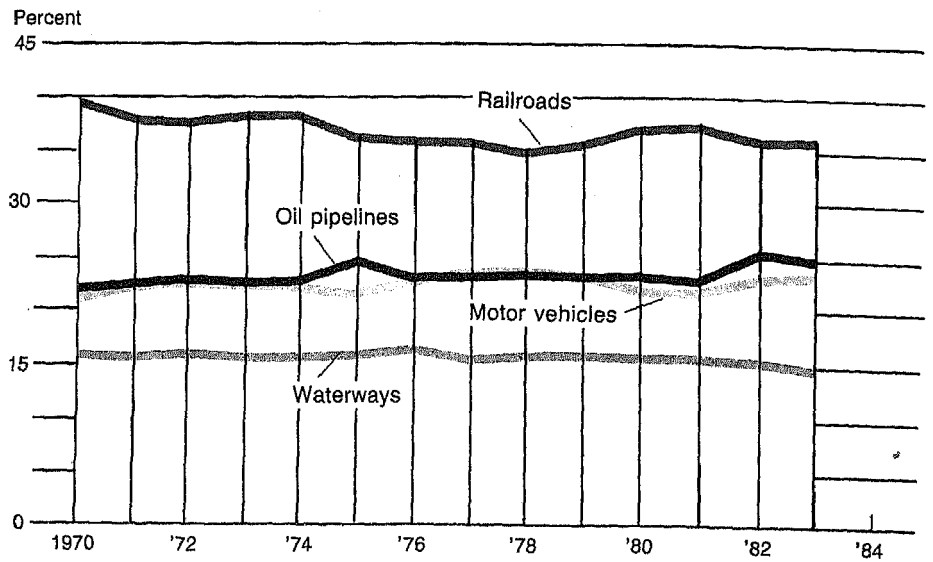
For years prior to 1978, class I railroads were those with annual revenues of $1 million or more for 1950–1955; $3 million or more for 1956–1964; $5 million or more for 1965–1975; and $10 million or more for 1976–1977. Since 1978 the classification has been: Class I, those having more than $50 million gross annual operating revenue; class II, from $10 million to $50 million; and class III, less than $10 million. Effective January 1, 1982, the ICC adopted a *Carrier Classification Index Survey Form* for carriers not filing annual report form R-1 with the commission. Class II and Class III railroads are currently exempted from filing any financial report with the Commission. The form is used for reclassifying carriers.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 22.3

Ton-Miles of Domestic Intercity Freight Traffic—Percent Distribution by Type of Transportation: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1022.

No. 1016. Passenger and Freight Transportation Outlays, by Type of Transport: 1960 to 1983

[**In billions of dollars.** Freight data include outlays for mail and express. ICC=Interstate Commerce Commission]

TYPE OF TRANSPORT	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Total outlays [1]	105.6	141.0	195.6	281.6	297.8	348.9	392.2	446.1	492.4	540.1	599.6	605.8	651.4
Passenger, total	60.5	82.2	114.9	170.6	187.4	221.8	248.3	279.3	307.6	336.9	373.5	380.3	411.2
Private transportation	53.3	73.0	99.6	147.7	161.3	191.8	215.0	241.9	263.9	284.8	317.4	323.1	350.7
Automobiles [2]	52.4	71.6	97.0	143.3	156.6	186.6	210.0	235.9	256.8	276.7	308.0	314.9	343.4
New and used cars	20.4	30.4	32.1	42.6	46.0	59.7	70.4	80.4	77.1	73.3	82.6	86.2	105.0
Tires, tubes, accessories	2.9	4.1	7.1	11.3	12.4	13.8	15.8	17.2	19.8	22.2	24.6	25.5	26.4
Gasoline and oil	16.0	19.6	29.9	48.8	53.9	58.6	56.7	60.3	78.3	99.7	111.3	107.6	106.8
Insurance less claims	2.4	2.8	4.4	5.9	4.5	6.4	9.5	10.2	10.3	11.5	10.8	11.1	11.6
Interest on debt	2.8	3.5	4.7	6.7	7.3	8.6	10.4	12.8	15.4	17.5	21.0	21.0	22.0
Registration and operator's permit fees	1.0	1.3	1.9	2.3	2.3	2.7	2.8	3.0	3.1	3.3	3.5	3.8	4.0
Repair, greasing, washing, parking, tolls [3]	6.0	8.2	13.2	18.7	22.1	25.0	29.5	33.0	36.7	38.0	41.5	44.2	46.8
Air	.9	1.4	2.5	4.4	4.7	5.2	5.6	5.9	7.1	8.1	9.4	8.2	7.3
Aircraft	.2	.3	.4	.8	1.0	1.2	1.5	1.7	2.1	2.9	3.8	2.8	1.9
Operating costs	.7	1.0	2.3	3.6	3.8	4.0	4.1	4.2	5.0	5.2	5.6	5.4	5.4
For-hire transportation	7.2	9.2	15.3	22.9	26.2	30.0	33.3	37.3	43.3	52.2	56.1	57.2	60.5
Local [4]	3.1	3.4	5.4	7.9	10.5	12.1	12.7	13.9	15.4	18.5	20.4	20.9	21.9
Bus and transit [5]	1.3	1.5	1.8	2.9	4.7	5.8	5.9	6.7	7.5	9.2	10.1	10.3	11.0
School bus	.5	.7	1.2	1.9	2.2	2.4	2.5	2.7	3.2	3.8	4.7	5.0	5.2
Taxi	1.1	1.1	2.1	3.0	3.4	3.8	4.1	4.3	4.5	5.2	5.2	5.3	5.3
Intercity	3.3	4.4	7.7	12.3	12.9	14.9	17.2	19.6	23.3	28.4	30.6	31.0	32.6
Air	2.1	3.3	6.6	10.8	11.2	13.0	14.9	17.1	20.4	25.1	26.8	27.0	28.6
Rail [6]	.6	.5	.3	.5	.6	.9	1.2	1.3	1.4	1.6	1.9	2.2	2.2
Bus	.6	.6	.8	1.0	1.0	1.1	1.1	1.2	1.4	1.7	1.8	1.8	1.8
International	.9	1.3	2.2	2.6	2.7	2.9	3.4	3.8	4.6	5.3	5.3	5.3	6.0
Freight, total [4]	46.8	61.1	83.8	115.7	115.5	133.2	150.4	174.0	192.9	212.1	236.0	235.5	251.1
Highway	31.5	43.8	62.5	84.8	84.8	98.0	111.4	128.8	142.7	155.4	174.7	178.0	191.8
Truck, intercity	19.0	23.6	33.6	48.8	47.4	56.2	67.4	79.6	90.2	94.6	101.7	102.7	110.6
ICC regulated	7.2	10.1	14.6	22.7	22.0	26.0	31.0	36.5	41.2	43.0	47.9	44.1	46.5
Non-ICC regulated	10.7	13.6	19.0	26.1	25.4	30.2	36.4	43.1	49.0	51.6	53.8	58.6	64.1
Truck, local	13.5	20.1	28.8	35.9	37.3	41.6	43.9	49.1	52.3	60.5	72.8	75.0	80.9
Rail	9.0	9.9	11.9	17.0	16.5	19.2	20.5	21.9	24.8	27.7	30.5	27.1	27.3
Water	3.3	3.8	5.1	8.0	7.9	8.9	10.3	12.4	13.4	14.8	15.7	15.0	16.0
Oil pipeline	.9	1.1	1.4	1.9	2.2	2.5	3.2	5.5	6.2	7.1	7.4	7.9	8.2

[1] Total outlays less than sum of passenger and freight totals, as estimated freight costs included in costs of new cars, gasoline, oil, tires, and tubes have been excluded to prevent duplication. [2] Includes business-owned vehicles. [3] Includes storage and rental. [4] Includes items not shown separately. [5] Includes Federal, State and local government operating subsidies and capital grants. [6] Includes Federal operating subsidies and capital grants for Amtrak.

Source: Transportation Policy Associates, Washington, DC, *Transportation in America,* July 1984, with periodic supplements. (Copyright.)

No. 1017. Personal Consumption Expenditures for Transportation: 1960 to 1983

[**In billions of dollars, except percent.** Represents market value of purchases of goods and services by individuals and nonprofit institutions]

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total transportation expenditures	42.4	58.4	80.6	129.4	155.2	179.3	198.1	219.4	236.6	261.5	267.3	291.9
Percent of total personal consumption [1]	13.1	13.6	13.0	13.3	14.3	14.9	14.7	14.6	14.2	14.1	13.5	13.5
User-operated transportation	39.1	54.5	74.3	119.7	144.1	167.0	184.6	204.0	218.5	241.7	246.7	269.9
New autos	14.0	21.4	21.9	29.3	38.1	44.3	48.2	49.1	46.3	50.8	52.8	65.2
Net purchases of used autos	2.6	3.9	5.3	8.9	11.9	13.2	14.9	15.7	15.5	16.8	20.8	23.0
Other motor vehicles	.6	1.3	2.9	7.1	10.9	13.9	17.9	14.9	10.1	11.4	14.0	18.2
Tires, tubes, accessories, other parts	2.5	3.4	6.1	10.5	11.7	13.5	14.7	16.9	18.9	20.9	21.2	22.8
Repair, greasing, washing, parking [2]	5.1	6.9	11.2	18.8	21.3	25.1	26.1	31.2	32.3	34.9	37.0	38.8
Gasoline and oil	12.0	14.7	22.4	40.4	44.0	48.1	51.2	66.6	84.8	94.6	90.4	90.0
Bridge, tunnel, ferry, road tolls	.3	.5	.7	.8	.9	.9	.9	.9	1.0	1.0	1.1	1.1
Insurance premiums less claims paid	2.0	2.4	3.8	3.9	5.4	8.1	8.7	8.8	9.7	9.2	9.5	10.6
Purchased local transportation [3]	2.0	2.1	3.0	4.0	4.4	4.7	5.0	5.4	5.8	6.2	6.8	6.8
Transit systems	1.3	1.3	1.6	1.9	2.1	2.2	2.3	2.5	2.6	2.9	3.3	3.5
Taxicab	.6	.6	1.2	1.9	2.1	2.2	2.4	2.7	2.9	2.9	3.1	2.9
Purchased intercity transportation	1.3	1.9	3.4	5.7	6.7	7.7	8.5	10.0	12.3	13.7	13.8	15.1
Airline	.7	1.2	2.5	4.4	5.3	6.1	6.9	8.1	10.0	11.1	11.1	12.3
Bus	.3	.4	.5	.7	.7	.7	.7	.9	1.0	1.1	1.1	1.1
Railway and other [4]	.3	.3	.4	.7	.8	.8	.9	1.1	1.3	1.5	1.6	1.8

[1] See table 724. [2] Includes rental and storage. [3] Includes railway commutation, not shown separately. [4] Railway excludes commutation; "other" consists of baggage charges, coastal and inland waterway fares, and travel agents' fees.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July issues.

No. 1018. Federal Outlays for Transportation, by Function: 1980 to 1984

[In millions of dollars. For years ending Sept. 30, 1984 estimated]

FUNCTION	1980	1982	1983	1984	FUNCTION	1980	1982	1983	1984
Total outlays [1]	21,120	20,560	21,385	26,123	Air transportation—Con.				
Ground transportation	15,079	14,326	14,316	18,116	Aeron. research and technology	509	563	563	641
Highway const. [2]	8,397	7,934	8,905	11,305	Air carrier subsidies	89	84	54	56
Highway safety	1,126	269	227	255	Regulation	28	26	24	22
Mass transit	3,307	3,930	3,759	3,936	Water transportation	2,235	2,696	2,969	3,092
Railroads	2,170	2,126	1,364	2,558	Marine safety, trans	1,613	2,070	2,402	2,576
Regulation	79	68	63	61	Ocean shipping	611	614	555	506
Air transportation	3,762	3,564	4,000	4,768	Regulation	11	11	12	11
Airways and airports	3,136	2,891	3,360	4,048	Other	104	90	99	147

[1] Total reflects deductions for offsetting receipts. [2] Includes improvement.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual, and unpublished document, "Federal Government Finances," February 1984 edition.

No. 1019. Operating, Passenger, and Freight Revenues, by Transport Type: 1970 to 1982

TYPE OF TRANSPORT	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
OPERATING REVENUES (mil. dol.)										
Air carrier, certificated [1]	9,290	14,703	15,356	17,503	19,926	22,892	27,170	32,947	36,216	28,728
Air carrier, supplemental [1]	337	429	433	418	516	530	562	782	(NA)	(NA)
Bus, class I, intercity	722	933	955	993	983	1,037	1,205	1,311	1,466	1,439
Local transit	(NA)	(NA)	(NA)	(NA)	(NA)	4,862	5,771	6,638	7,552	(NA)
Oil pipeline	1,188	1,587	1,874	2,137	2,792	4,907	5,585	6,141	6,678	7,140
Gas pipeline (transmission companies)	5,928	9,085	11,898	15,416	19,836	22,989	29,919	41,574	50,188	55,847
Motor carriers of property, class I, intercity	11,137	16,704	16,164	18,360	22,520	26,855	29,858	30,338	32,531	32,246
Railroad, class I	11,992	16,923	16,402	18,537	20,091	21,721	25,219	28,103	30,899	27,504
Amtrak	(2)	257	253	287	310	321	398	454	512	514
Water transport, classes A and B [3]	372	632	730	777	694	777	[4] 772	(NA)	(NA)	(NA)
Water transport, maritime	833	1,478	1,342	1,583	1,643	1,889	[4] 2,235	(NA)	(NA)	(NA)
Freight forwarders, class A	211	*362*	*359*	*431*	*615*	*603*	*701*	*721*	*649*	541
AVERAGE PASSENGER REVENUE PER PASSENGER-MILE (cents)										
Air carrier, certificated: [5] Total	6.00	7.52	7.69	8.16	8.61	8.49	8.96	11.53	12.74	12.02
First class	8.30	9.89	10.58	11.50	12.21	11.97	11.43	14.35	14.14	13.82
Coach plus economy	5.45	6.94	7.05	7.49	7.92	7.81	8.34	10.87	12.37	11.53
Railroad, class I: [6] Total	3.91	4.98	4.99	5.65	5.74	5.86	6.02	6.15	8.06	8.47
Commutation	3.75	4.44	4.57	5.04	5.07	5.20	5.37	5.92	6.76	7.06
Other than commutation	4.02	6.75	6.25	7.60	7.85	7.84	7.93	9.39	10.49	11.42
Amtrak: Total	(2)	5.23	5.66	5.56	5.83	6.08	6.59	8.18	8.66	9.75
Commutation	(2)	3.52	4.40	3.59	3.01	3.07	3.56	3.62	(NA)	(NA)
Other than commutation	(2)	5.29	5.71	5.62	5.92	6.16	6.67	8.32	8.66	9.75
Bus, class I, intercity	3.60	4.42	4.85	5.14	5.18	5.62	6.21	7.26	8.35	8.18
AVERAGE FREIGHT REVENUE PER TON-MILE (cents)										
Air carrier, certificated [5]	21.91	25.92	28.22	31.81	34.20	37.10	41.02	46.29	46.69	46.78
Railroad, class I	1.43	1.85	2.04	2.20	2.29	2.36	2.60	2.85	3.18	3.21
Motor carriers of property, class I intercity:										
Common	7.46	9.00	9.20	9.97	10.85	11.20	11.97	12.91	13.98	14.09
Contract	6.86	7.00	7.80	8.20	9.05	12.97	13.50	11.78	11.55	12.03
Oil pipelines	.27	.32	.37	.41	.54	.86	.94	1.03	1.18	1.25
Water carriers, classes A and B	.43	.67	.77	.74	.81	.84	.90	(NA)	(NA)	(NA)

NA Not available. [1] Domestic and international. [2] Amtrak established May 1, 1971. [3] Inland and coastal. [4] Preliminary. [5] Scheduled service (domestic). [6] Excludes Amtrak and Auto-Train service.

Source: U.S. Dept. of Transportation, Transportation Systems Center, *National Transportation Statistics*, annual.

No. 1020. Employment and Earnings in Transportation, by Industry: 1970 to 1983

[Annual averages of monthly figures. Based on Current Employment Statistics program; see Appendix III. *See also Historical Statistics, Colonial Times to 1970*, series Q 36-42]

SIC [1] Code	INDUSTRY	NUMBER (1,000)						AVERAGE WEEKLY EARNINGS (dol.)					
		1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
(x)	**Total**	2,684	2,636	2,962	2,922	2,788	2,740	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
40	Railroads	634	548	532	495	429	377	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
4011	Class I railroads	566	498	482	457	398	348	172	262	427	458	484	542
41	Local and interurban passengers	269	270	265	265	263	254	(NA)	148	217	231	248	252
421, 3	Trucking, incl. terminals	999	1,024	1,189	1,168	1,125	1,130	164	247	366	395	401	408
422	Public warehousing	84	84	91	88	84	85	121	171	248	266	277	287
44	Water transportation	213	195	213	219	202	194	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
45	Air transportation	*352*	*363*	*453*	*455*	*444*	*452*	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
46	Pipelines, exc. natural gas	18	18	21	22	21	21	189	280	441	491	536	586
47	Transportation services	115	134	198	210	220	227	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Standard Industrial Classification, see text, p 388.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 1021. 50 LARGEST TRANSPORTATION COMPANIES—REVENUES AND ASSETS, BY RANK OF OPERATING REVENUES: 1981 TO 1983

[**In billions of dollars, except percent.** Revenues include nontransportation activities; assets as of end of companies' fiscal years. Companies listed derive more than 50 percent of their operating revenues from the transport of passengers and/or freight (e.g., railroads, airlines, motor carriers, pipelines); excludes companies primarily engaged in freight forwarding, or vehicle rental]

OPERATING REVENUE GROUP	1981				1982				1983			
	Assets	Operating revenues	Net income	Stockholders' equity	Assets	Operating revenues	Net income	Stockholders' equity	Assets	Operating revenues	Net income	Stockholders' equity
50 largest, total	**88.2**	**81.5**	**3.9**	**29.0**	**87.6**	**77.6**	**2.3**	**29.2**	**100.5**	**82.6**	**3.8**	**35.3**
Top 10	39.5	44.1	1.3	13.9	43.4	43.4	.9	15.2	56.2	48.1	2.0	20.7
11–20	25.4	17.9	1.1	8.3	22.3	17.7	.6	7.5	20.1	16.2	.5	7.0
21–30	12.1	10.0	.7	3.4	11.7	8.8	.7	3.6	12.2	9.3	.8	3.8
31–40	5.8	5.7	.3	1.3	5.6	4.7	.4	1.7	6.3	5.4	.3	2.2
41–50	5.4	3.8	.4	2.0	4.7	3.4	.2	1.3	3.7	3.7	.2	1.7
Percent total:												
Top 10	44.8	54.0	33.9	48.1	49.5	55.7	37.7	52.1	57.9	58.2	51.5	58.5
11–20	28.8	22.0	27.9	28.6	25.4	22.7	26.7	25.5	20.0	19.6	13.6	19.8
21–30	13.8	12.3	18.5	11.8	13.3	11.3	28.8	12.2	12.2	11.3	21.4	10.8
31–40	6.6	7.0	8.9	4.4	6.4	6.0	16.4	5.7	6.2	6.5	9.2	6.1
41–50	6.1	4.7	10.8	7.0	5.4	4.3	−9.6	4.5	3.7	4.5	4.3	4.8

Source: Time, Inc., New York, NY; adapted from *The Fortune Directory*, July issues. (Copyright.)

NO. 1022. VOLUME OF DOMESTIC INTERCITY FREIGHT AND PASSENGER TRAFFIC, BY TYPE OF TRANSPORT: 1960 TO 1983

[A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. A passenger mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also *Historical Statistics, Colonial Times to 1970*, series Q1–22]

TYPE OF TRANSPORT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
FREIGHT TRAFFIC	BILLIONS OF TON-MILES													
Total	1,314	1,638	1,936	2,232	2,212	2,066	2,202	2,307	2,467	2,573	2,487	2,438	2,262	2,333
Railroads [1]	579	709	771	858	852	759	800	834	868	927	932	924	810	836
Motor vehicles	285	359	412	505	495	454	510	555	599	608	555	535	525	551
Inland waterways [2]	220	262	319	358	355	342	373	368	409	425	407	410	351	356
Oil pipelines	229	306	431	507	506	507	515	546	586	608	588	564	571	582
Domestic airways [3 4]	.9	1.9	3.3	4.0	3.9	3.7	3.9	4.2	4.8	4.6	4.8	5.0	4.9	5.5
	PERCENT DISTRIBUTION													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Railroads [1]	44.06	43.28	39.82	38.44	38.52	36.74	36.33	36.15	35.18	36.03	37.47	37.90	35.81	35.93
Motor vehicles	21.69	21.92	21.28	22.63	22.38	21.97	23.16	24.06	24.28	23.64	22.32	21.94	23.21	23.62
Inland waterways [2]	16.74	16.00	16.48	16.04	16.05	16.55	16.94	15.95	16.58	16.52	16.37	16.82	15.52	15.26
Oil pipelines	17.43	18.68	22.26	22.72	22.88	24.54	23.39	23.67	23.75	23.64	23.64	23.13	25.24	24.95
Domestic airways [3 4]	.07	.12	.17	.18	.18	.19	.18	.18	.19	.18	.19	.21	.22	.24
PASSENGER TRAFFIC	BILLIONS OF PASSENGER-MILES													
Total	781	918	1,181	1,341	1,308	1,354	1,460	1,529	1,602	1,590	1,558	1,574	1,609	1,682
Private automobiles	706	818	1,026	1,163	1,122	1,171	1,260	1,316	1,362	1,322	1,300	1,319	1,344	1,400
Domestic airways [3 5]	34	58	119	143	147	148	164	177	203	228	219	216	227	245
Bus [6]	19	24	25	26	28	25	25	26	26	28	27	27	27	26
Railroads [1]	22	18	11	9	11	10	11	10	11	12	11	12	11	11
	PERCENT DISTRIBUTION													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Private automobiles	90.40	89.11	86.88	86.73	85.78	86.48	86.30	86.07	85.02	83.14	83.44	83.80	83.53	83.23
Domestic airways [3 5]	4.35	6.32	10.08	10.66	11.24	10.93	11.23	11.58	12.67	14.34	14.06	13.72	14.11	14.57
Bus [6]	2.43	2.61	2.12	1.94	2.14	1.85	1.71	1.70	1.62	1.76	1.73	1.72	1.68	1.55
Railroads [1]	2.82	1.96	.93	.67	.84	.74	.75	.65	.69	.75	.71	.76	.68	.65

[1] Includes electric railways and rail commuter service. [2] Includes Great Lakes. [3] Revenue service only for certificated route and charter carriers, with small Section 418 all-cargo carriers included from 1978. [4] Includes express, mail, and excess baggage. [5] Includes general aviation (mostly private business) flying. [6] Excludes school and urban transit buses.

Source: Transportation Policy Associates, Washington, DC, *Transportation in America*, March 1984, with periodic supplements. (Copyright.)

No. 1023. Fuel Consumption by Mode of Transportation: 1970 to 1982

ITEM	Unit	1970	1973	1975	1977	1978	1979	1980	1981	1982
Class I railroads:										
Locomotives:										
Diesel oil	Mil. gal	3,800	4,141	3,732	3,982	3,966	4,069	3,942	3,774	3,178
Electricity	Mil. kWh	578	346	422	417	331	309	190	81	34
Coal	Tons	1,238	1,202	1,160	1,569	1,275	1,421	908	(NA)	(NA)
Motor cars:										
Diesel oil	Mil. gal	8	3	4	3	2	3	2	1	1
Electricity	Mil. kWh	763	901	857	986	991	1,062	968	380	905
Certified air carriers:										
Jet fuel [1]	Mil. gal	10,085	10,671	9,507	10,268	10,639	11,369	11,131	10,588	10,406
General aviation:										
Aviation gasoline	*Mil. gal*	*551*	*411*	*412*	*456*	*518*	*570*	*520*	*489*	*446*
Jet fuel	*Mil. gal*	*208*	*304*	*453*	*536*	*763*	*736*	*766*	*759*	*867*
Highway:										
Gasoline:										
Passenger cars and taxis	Mil. gal	65,649	77,619	76,010	80,225	83,312	79,793	73,375	71,918	69,430
Motorcycles	Mil. gal	135	392	447	451	463	440	360	300	300
Diesel and gasoline [2]	Mil. gal	26,544	32,462	32,527	36,948	41,293	41,882	41,226	42,735	43,654
Water transport:										
Fuel oil [3]	Mil. gal	4,593	5,006	5,158	6,825	8,194	9,634	10,135	9,645	7,832
Gasoline	Mil. gal	598	717	730	774	812	780	1,052	1,093	1,062
Transit:										
Electricity, total	Mil. kWh	(NA)	(NA)	(NA)	(NA)	2,017	2,643	2,793	2,818	(NA)
Motor fuel [4]	*Mil. gal*	*(NA)*	*(NA)*	*(NA)*	*(NA)*	*370*	*397*	*425*	*435*	*(NA)*
Pipelines, natural gas	Mil. cu. ft	722,166	728,177	582,963	532,669	530,451	600,964	634,622	642,325	596,411
Non-highway use of gasoline, total	Mil. gal	4,003	3,896	3,642	3,725	3,577	3,645	3,655	3,515	3,260

NA Not available. [1] Includes small amounts of aviation gasoline. [2] Includes commercial and school buses and single-unit and combination trucks. [3] Includes residual and distillate fuel oil. [4] Includes gasoline, diesel oil, and propane.

Source: U.S. Dept. of Transportation, Transportation Systems Center, Cambridge, MA, *National Transportation Statistics*, annual.

No. 1024. Transportation Accidents, and Resulting Deaths and Injuries, by Type of Transport: 1970 to 1983

[For motor vehicle data, see also tables *1041* and *1042*; for railroad data, see also tables *1061* and *1067*; for air carrier and general aviation data, see also tables 1071 and 1074]

YEAR AND CASUALTY	Total (1,000)	TYPE OF TRANSPORT								Hazardous materials [9]
		Motor vehicle [1] (1,000)	Railroad [2]	Air carrier [3]	General aviation [4]	Recreational boating [5]	Gas pipelines [6]	Liquid pipelines [7]	Waterborne [8]	
Accidents:										
1970	16,013	16,000	8,095	(NA)	(NA)	3,803	1,019	351	(NA)	(NA)
1975	16,523	16,500	8,041	31	4,001	6,308	1,373	254	3,310	10,779
1979	18,126	18,100	9,740	24	3,824	5,368	1,920	248	4,932	17,524
1980	17,924	17,900	8,451	15	3,597	5,513	1,996	219	4,624	16,115
1981	18,020	18,000	5,781	25	3,502	5,208	1,695	239	3,503	9,165
1982	18,118	18,100	4,589	16	3,216	5,377	1,711	200	3,174	6,487
1983	(NA)	(NA)	3,906	20	3,091	5,569	1,580	161	1,853	5,761
Deaths:										
1970	54.8	52.6	785	(NA)	(NA)	1,418	22	4	(NA)	(NA)
1975	48.2	44.5	575	122	1,258	1,466	14	7	243	27
1979	54.9	51.1	546	351	1,237	1,400	45	4	174	18
1980	54.5	51.1	584	–	1,252	1,360	11	3	208	19
1981	52.5	49.3	556	4	1,282	1,206	17	5	154	10
1982	*47.2*	*43.9*	*512*	*235*	*1,161*	*1,178*	*31*	–	*223*	*12*
1983	45.4	42.4	495	15	1,049	1,241	12	(NA)	164	8
Injuries:										
1970	2,024	2,000	21,327	(NA)	(NA)	780	347	21	(NA)	(NA)
1975	1,859	1,800	54,306	71	780	2,136	819	17	97	655
1979	2,077	2,000	74,126	48	636	2,463	57	8	115	941
1980	2,066	2,000	62,246	17	675	2,650	310	15	176	619
1981	1,956	1,900	53,003	21	597	2,474	(NA)	(NA)	141	662
1982	1,741	1,700	37,638	25	623	2,682	(NA)	(NA)	271	125
1983	1,636	1,600	32,160	7	604	2,913	(NA)	(NA)	205	191

– Represents zero. NA Not available. [1] Data on deaths are from U.S. National Highway Traffic Safety Administration and are based on 30 day definition; see table 1041. Other data are from National Safety Council. [2] Train accidents cover only those accidents which result in damages to railroad property exceeding amounts specified by the U.S. Federal Railroad Administration. The reporting threshold was raised from $750 to $1,750 in 1975; to $2,900 in 1979; to $3,700 in 1981; and to $4,500 in 1983. Grade crossing accidents are also included when classified as a train accident. Deaths exclude fatalities in railroad-highway grade crossing accidents. [3] Includes only scheduled air carriers operating under 14 CFR 121 (airlines). Injuries include only serious injuries. 1981–1983 injuries include commuter carrier and air taxis. [4] 1975–1983 data exculdes commuter and on-demand air taxis operating under 14 CFR 135. [5] Accidents are required to be reported to the U.S. Coast Guard whenever they result in a death; a person being injured or receiving medical treatment beyond first aid; damages exceed $200; or a person's disappearance. [6] Pipeline accidents/incidents are credited to the year in which they occurred beginning with 1983 data; prior data are credited to the year the accident/incident reports were filed. Fatalities and injuries as reported in annual report. [7] Pipelines carrying hazardous materials, petroleum, and liquid petroleum products. [8] Covers accidents involving commercial vessels which must be reported to U.S. Coast Guard if there is property damage exceeding $1,500; material damage affecting the *seaworthiness or efficiency of a vessel; stranding or grounding; loss of life; or injury causing a person's incapacity for more than 3* days. [9] Accidents, deaths, and injuries involving hazardous materials cover all types of transport.

Source: U.S. Dept. of Transportation, Transportation Systems Center, Cambridge, MA, *Transportation Safety Information Report*, annual.

No. 1025. Highway Mileage—Urban and Rural, by Type of Control, and Federal-Aid Highway System: 1950 to 1982

[**In thousands, except percent.** As of **Dec. 31.** Beginning 1980, data for urban and rural mileage are not comparable to prior years because of classification changes; see text, p. 585. See also *Historical Statistics, Colonial Times to 1970*, series Q 50, 51, and 55]

TYPE AND CONTROL	1950	1955	1960	1965	1970	1975	1979	1980	1981	1982
Total mileage [1]	**3,313**	**3,418**	**3,546**	**3,690**	**3,730**	**3,838**	**3,918**	[2] 3,955	**3,853**	**3,866**
Urban mileage [3]	323	373	430	506	561	639	694	624	632	641
Under State control	36	42	50	65	74	84	86	79	90	103
Under local control	287	331	379	442	487	555	607	543	540	536
Rural mileage	2,990	3,045	3,116	3,183	3,169	3,199	3,224	[2] 3,331	3,221	3,226
Percent surfaced [4]	56.2	63.8	69.5	72.3	76.1	77.6	77.5	77.5	86.1	85.7
Under State control	580	620	659	687	707	711	697	702	726	[5] 825
Under local control	2,336	2,333	2,345	2,346	2,275	2,261	2,281	2,270	2,236	[5] 2,140
Under Federal control	73	93	112	150	188	227	244	262	256	261
Federal-aid highway system: [6]										
Primary	234	235	265	269	272	266	303	300	298	298
Interstate	(x)	(x)	10	21	32	37	40	41	42	42
Urban	(x)	(x)	(x)	(x)	(x)	65	124	124	129	134
Secondary	410	514	601	640	647	643	397	398	401	402

X Not applicable. [1] Prior to 1980, includes public and nonpublic road mileage; beginning 1981, includes only public road mileage as defined 23 USC 402. [2] Includes 98,000 miles of nonpublic road mileage previously contained in other rural categories. [3] Prior to 1980; represents municipal mileage; see text p. 585. [4] Covers soil-surfaced roads and roads with slag, gravel, stone, bituminous, or concrete surfaces. [5] Incomplete reporting from Alaska, Missouri, and Pennsylvania for control accounts for changes between 1981 and 1982. [6] For definition, see text, p. 585. Beginning 1979, data represent actual mileage open to traffic rather than total highway miles carrying Interstate traffic.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1026. Highway Mileage—Urban, Rural, and Federal-Aid Highway System: 1982

[As of **Dec. 31.** For definition of urban, rural, and Federal-aid highway system roads; see text, p. 585]

STATE	Urban (1,000)	Rural (1,000)	FEDERAL-AID HIGHWAY SYSTEM [1]			
			Primary		Urban	Secondary
			Total	Interstate		
U.S.	**640.6**	**3,225.7**	**298,219**	**42,460**	**133,500**	**401,999**
AL	13.7	73.8	7,431	824	2,203	11,074
AK	1.2	8.7	2,640	1,092	110	2,324
AZ	8.9	67.4	4,625	1,143	1,691	3,136
AR	7.4	69.3	5,692	540	980	7,071
CA	62.5	111.4	13,463	2,263	15,696	11,103
CO	9.2	66.2	5,231	916	2,282	3,441
CT	10.1	9.4	1,604	293	2,789	927
DE	1.4	3.9	465	41	271	630
DC	1.1	–	170	12	243	–
FL	28.5	65.3	9,654	1,252	5,521	4,795
GA	15.6	88.6	11,359	1,163	2,889	14,099
HI	1.3	2.9	548	36	182	434
ID	2.2	66.2	3,217	603	572	4,250
IL	30.3	104.1	11,434	1,711	6,407	12,856
IN	17.6	74.0	6,099	1,114	4,754	9,093
IA	8.1	104.1	9,606	736	2,218	13,341
KS	8.4	123.8	8,913	808	1,529	22,530
KY	6.9	61.7	4,460	737	1,759	7,295
LA	10.1	46.9	3,798	687	1,224	7,598
ME	2.2	19.7	2,306	313	650	2,743
MD	9.8	17.3	2,499	381	1,906	2,034
MA	20.6	13.2	2,781	552	5,805	2,006
MI	25.1	92.3	7,061	1,131	4,828	19,019
MN	13.0	118.2	10,187	673	2,042	16,281
MS	6.3	64.5	6,072	685	1,431	11,670
MO	13.9	104.7	8,056	1,119	3,677	18,090
MT	2.3	69.1	6,624	1,128	330	4,717
NE	4.3	87.6	7,742	481	959	11,411
NV	2.4	41.5	2,380	535	505	2,332
NH	2.4	12.1	1,349	201	690	1,236
NJ	22.2	11.5	1,778	338	5,359	1,731
NM	4.4	49.3	4,566	999	611	3,945
NY	36.4	73.4	9,790	1,428	7,941	6,381
NC	17.1	75.8	5,099	775	2,209	10,437
ND	1.6	84.5	6,161	571	394	10,455
OH	29.2	81.9	7,089	1,537	7,263	11,826
OK	11.4	98.5	6,230	925	2,131	9,007
OR	8.4	125.3	5,665	707	1,864	7,709
PA	27.9	88.1	11,427	1,497	6,701	8,222
RI	3.6	2.6	445	72	845	166
SC	7.1	56.0	6,242	756	805	8,863
SD	1.6	71.7	6,507	656	341	10,867
TN	11.9	71.8	6,914	1,029	2,268	9,820
TX	59.9	212.6	19,712	3,077	6,925	32,705
UT	5.0	39.1	3,363	787	778	2,556
VT	.7	19.2	1,407	309	214	1,987
VA	12.4	52.5	6,414	1,018	2,875	10,360
WA	14.8	68.5	5,682	705	3,839	7,081
WV	2.9	31.6	2,862	429	784	6,327
WI	13.8	94.3	9,522	577	2,763	11,737
WY	1.5	35.5	3,878	898	427	2,281

– Represents zero. [1] Highway mileage open to traffic. [2] By authority of Section 10 of P.L. 97-134.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1027. Highway Mileage, Vehicle Miles of Travel, Accidents, and Fatalities, by Type of Highway System: 1982

Type	Highway mileage (1,000)	Vehicle miles (bil.)	Daily vehicle miles [1]	Fatal accidents: Number	Fatal accidents: Rate	Nonfatal injury accidents: Number (1,000)	Nonfatal injury accidents: Rate	Fatalities: Number	Fatalities: Rate per mile
Total mileage	**3,866**	**1,592**	**1,128**	**38,999**	**2.45**	**1,969**	**124**	**43,846**	**2.75**
Urban	641	902	3,857	17,167	1.90	1,352	150	18,740	2.08
Rural	3,226	691	586	21,832	3.16	617	89	25,106	3.63
Interstate	42	318	20,496	3,565	1.12	117	37	4,053	1.28
Urban	10	175	50,173	1,704	.97	81	46	1,878	1.07
Rural	33	142	11,848	1,861	1.31	36	25	2,175	1.53
Noninterstate	3,824	1,275	913	35,434	2.78	1,851	145	39,793	3.12
Urban	631	726	3,153	15,463	2.13	1,270	175	16,862	2.32
Rural	3,193	548	470	19,971	3.64	581	106	22,931	4.18
Federal-aid highway system, total	834	1,275	4,189	29,079	2.28	1,298	102	33,050	2.59
Urban	173	721	11,438	13,020	1.81	925	128	14,348	1.99
Rural	661	554	2,294	16,059	2.90	373	67	18,702	3.38
Interstate	42	318	20,496	3,565	1.12	117	37	4,053	1.28
Other primary arterial	256	471	5,046	12,129	2.57	425	90	14,098	2.99
Urban	30	205	18,923	3,497	1.71	232	113	3,862	1.89
Rural	226	266	3,226	8,632	3.24	193	72	10,236	3.84
Urban (arterial and collector)	134	341	6,995	7,819	2.29	612	179	8,608	2.53
Secondary (collector)	402	145	989	5,566	3.83	144	99	6,291	4.33
NonFederal-aid highway system, total	3,033	318	287	9,920	3.12	670	211	10,796	3.40
Urban	468	181	1,058	4,147	2.30	426	236	4,392	2.43
Rural	2,565	137	146	5,773	4.21	244	178	6,404	4.67
Collector	355	70	540	2,476	3.54	98	140	2,767	3.96
Urban	18	20	3,039	401	2.00	19	93	443	2.20
Rural	337	50	405	2,075	4.16	79	159	2,324	4.66
Local	2,666	220	225	6,659	3.03	553	252	7,181	3.27
Urban	442	136	846	3,026	2.22	390	286	3,184	2.33
Rural	2,224	83	102	3,633	4.36	163	196	3,997	4.79

[1] Rate per 100 million vehicle miles.

Source: U.S. Federal Highway Administration, Fatal and Injury Accident Rates on Public Roads in the United States, December 1983.

No. 1028. Highway Mileage—Pavement Condition for Urban and Rural Areas, by Type of Road System: 1978 to 1982

[Highway pavement condition is classified by the Present Serviceability Rating (PSR) system, which ranges from a high of 5.0 down to 0.1. The reported ranges are defined as: PSR 5.0–3.5, pavements give a first class ride and exhibit few, if any, visible signs of surface wear. Of the quality of new or nearly new pavements. PSR 3.4–2.0, pavements have a riding quality somewhat inferior to that of new pavements or may even be barely tolerable at high speeds. Surfaces may show signs of cracking, substantial patching, and rutting. PSR 1.9–0.1, pavements show extensive wear to the point of needing resurfacing or may even need complete reconstruction]

Pavement condition	Interstate road systems: 1978	1980	1981	1982	Arterial road systems: 1978	1980	1981	1982	Collector road systems: 1978	1980	1981	1982
URBAN AREAS												
Percent of road mileage rated—												
PSR 0.1–1.9 (0.1–2.4) [1]	8	6	6	9	5	7	7	7	7	9	9	8
PSR 2.0–3.4 (2.5–3.4) [1]	34	26	30	33	48	42	47	49	59	50	53	55
PSR 3.5–5.0	58	69	64	58	47	51	45	44	34	41	38	36
RURAL AREAS												
Percent of road mileage rated—												
PSR 0.1–1.9 (0.1–2.4) [1]	9	5	6	8	6	6	7	9	9	16	13	12
PSR 2.0–3.4 (2.5–3.4) [1]	28	26	29	33	52	46	48	50	66	55	56	54
PSR 3.5–5.0	63	69	65	59	42	48	45	42	25	29	31	34

[1] PSR range shown in parentheses applies to Interstate roads only.

Source: U.S. Federal Highway Administration, *Highway Statistics,* annual.

No. 1029. Receipts and Disbursements for Highways, by Type: 1970 to 1984

[**In millions of dollars.** Data compiled from reports of State and local authorities. For Federal highway trust fund receipts, disbursements, and balances, see table 487. State data include District of Columbia]

TYPE	1970	1975	1980	1981	1982	1983, prel.	1984, proj.		
							Total [1]	Federal	State
Total receipts	**21,747**	**29,160**	**39,715**	**42,693**	**43,912**	**47,862**	**50,380**	**13,817**	**24,431**
Current income	19,861	26,921	37,604	40,119	40,757	44,432	46,920	13,817	22,781
Imposts on highway users [2]	15,311	18,578	22,559	23,847	24,515	28,139	30,395	10,487	19,081
Other taxes and fees	3,732	6,605	11,808	12,457	12,498	12,580	12,868	2,253	2,200
Investment income and other receipts	818	1,738	3,237	3,815	3,744	3,713	3,657	1,077	1,500
Bond issue proceeds [3]	1,886	2,239	2,111	2,574	3,155	3,430	3,460	-	1,650
Intergovernmental payments [4]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	−14,219	7,621
Funds drawn from (+) or placed in (−) reserves	−912	−461	+2,080	+195	−797	−908	+1,495	+1,427	-
Total funds available	20,835	28,699	41,795	42,888	43,115	46,954	51,875	1,025	32,052
Total disbursements	**20,835**	**28,699**	**41,795**	**42,888**	**43,115**	**46,954**	**51,875**	**1,025**	**32,052**
Current disbursements	19,583	27,207	40,084	40,424	41,284	45,210	50,113	1,025	31,020
Capital outlay	11,575	14,398	20,337	19,734	19,475	22,416	26,357	607	19,710
Maintenance and traffic services	4,720	7,286	11,445	12,165	12,816	13,405	14,078	134	5,824
Administration and research	1,275	1,981	3,022	3,439	3,321	3,525	3,543	284	1,964
Law enforcement and safety	1,303	2,413	3,824	3,884	3,919	4,001	4,226	-	2,321
Interest on debt	710	1,129	1,456	1,202	1,753	1,863	1,909	-	1,201
Debt retirement [3]	1,252	1,492	1,711	2,464	1,831	1,744	1,762	-	1,032

- Represents zero. X Not applicable. [1] Includes other levels of government not shown separately.
[2] Excludes amounts later allocated for nonhighway purposes. [3] Par value. Excludes issue and redemption of short-term notes or refunding bonds. Premiums and discounts on sale of bonds and accrued interest are included with investment income and other receipts. Redemption premiums and discounts are included with interest on debt. [4] Plus sign (+) indicates net receipt of funds from other levels of government; minus sign (−) indicates net disbursement of funds to other levels.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

No. 1030. Disbursements of State Highway Funds—Total, 1980 to 1982, and by Purpose, 1982, by State

[**In millions of dollars.** Comprises disbursements from current revenues or loans for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by State toll authorities. Excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding. See also *Historical Statistics, Colonial Times to 1970*, series Q 90–94]

STATE	1980, total	1981, total	1982 [1]			
			Total [1]	State highways		
				Capital outlays [2]	Maintenance [3]	Law enforcement and safety
U.S.	**30,049**	**29,056**	**29,803**	**13,562**	**5,330**	**2,118**
AL	517	576	605	277	65	37
AK	274	292	302	149	91	8
AZ	365	386	347	173	37	23
AR	425	326	351	163	64	18
CA	1,930	2,119	2,013	639	319	342
CO	411	376	411	175	89	27
CT	393	403	396	146	54	29
DE	152	169	168	72	21	12
DC	57	83	99	45	29	5
FL	1,261	1,206	1,133	608	136	61
GA	762	879	728	489	82	52
HI	134	126	133	79	11	1
ID	153	155	160	61	29	7
IL	1,652	1,452	1,482	695	210	98
IN	688	695	672	283	112	40
IA	504	508	499	152	65	24
KS	440	406	366	180	71	21
KY	913	758	692	348	122	31
LA	682	813	812	573	68	43
ME	164	168	186	77	63	10
MD	663	683	850	262	88	56
MA	704	(NA)	527	190	89	38
MI	997	1,001	1,016	327	129	115
MN	611	669	671	310	108	30
MS	468	464	461	272	36	29
MO	555	500	507	211	136	43
MT	224	218	174	101	32	11
NE	274	293	271	126	39	16
NV	169	155	164	102	18	9
NH	152	140	197	86	54	20
NJ	662	737	782	345	164	45
NM	197	273	301	164	47	15
NY	1,650	1,596	1,653	786	290	107
NC	807	730	693	251	236	78
ND	143	156	136	64	25	7
OH	1,032	1,070	1,199	444	179	84
OK	461	519	539	228	70	42
OR	482	407	417	227	49	31
PA	1,557	1,679	1,817	682	517	122
RI	72	74	88	42	19	6
SC	309	281	300	139	84	27
SD	151	156	144	75	29	9
TN	609	576	555	279	91	27
TX	1,882	1,699	1,677	1,020	397	85
UT	241	219	200	119	33	8
VT	87	110	125	58	27	11
VA	894	769	783	336	237	60
WA	787	757	799	357	131	46
WV	672	566	493	236	115	18
WI	468	467	509	212	85	30
WY	192	196	201	126	38	9

NA Not available. [1] Includes funds for administration and miscellaneous, bond interest, bond redemption, and county and local roads and streets. [2] Outlays for roads and bridges. [3] Includes traffic services.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1031. Federal Grants to State and Local Governments for Highway Trust Fund and Urban Mass Transportation Administration (UMTA), by State: 1983

[For years ending Sept. 30]

STATE	HIGHWAY TRUST FUND		UMTA		STATE	HIGHWAY TRUST FUND		UMTA		STATE	HIGHWAY TRUST FUND		UMTA	
	Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)		Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)		Total (mil. dol.)	Per capita (dol.)	Total (mil. dol.)	Per capita (dol.)
U.S	**8,435**	**35.50**	**3,671**	**15.45**	KY	171	46.05	10	2.56	ND	62	91.83	3	4.78
AL	183	46.25	5	1.26	LA	192	43.28	53	12.02	OH	246	22.89	102	9.47
AK	*125*	*261.57*	3	6.45	ME	51	44.40	3	2.40	OK	105	31.75	9	2.79
AZ	97	32.83	22	7.26	MD	333	77.28	102	23.67	OR	125	46.84	60	22.41
AR	93	40.06	3	1.20	MA	135	23.36	325	56.42	PA	366	30.74	433	36.38
CA	*526*	*20.91*	*280*	*11.11*	MI	234	25.82	64	7.04	RI	30	30.92	7	7.05
CO	144	45.78	21	6.84	MN	188	45.37	26	6.27	SC	97	29.79	2	.46
CT	95	30.39	43	13.63	MS	85	32.75	1	.46	SD	61	87.50	1	1.04
DE	*49*	*81.08*	9	*15.38*	*MO*	198	39.79	31	6.15	TN	134	28.57	15	3.19
DC	25	40.39	212	340.91	MT	99	121.18	6	6.81	TX	430	27.37	24	1.51
FL	345	32.33	219	20.49	NE	90	56.47	8	4.93	UT	86	53.31	9	5.32
GA	*296*	*51.62*	*82*	*14.23*	NV	80	89.68	7	7.70	VT	37	69.89	1	1.26
HI	64	62.14	(z)	.30	NH	53	55.05	1	1.36	VA	252	45.42	19	3.37
ID	66	66.23	(z)	.38	NJ	172	23.07	178	23.80	WA	255	59.35	49	11.46
IL	*324*	*28.20*	*308*	*26.82*	NM	87	61.86	2	1.14	WV	153	77.99	5	2.36
IN	175	31.91	40	7.30	NY	532	30.14	613	34.68	WI	139	29.22	12	2.56
IA	135	46.37	11	3.69	NC	166	27.30	12	1.91	WY	69	134.19	(z)	.26
KS	*127*	*52.57*	5	1.92										

Z Less than $500,000.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year 1983,* March 1984.

No. 1032. State Gasoline Tax Rates, 1982 and 1983, and Motor Fuel Tax Receipts, 1982

[See also *Historical Statistics, Colonial Times to 1970,* series Q 233–234]

STATE	RATE [1] (cents per gal.)		Receipts, [2] 1982 (mil. dol.)	STATE	RATE [1] (cents per gal.)		Receipts, [2] 1982 (mil. dol.)	STATE	RATE [1] (cents per gal.)		Receipts, [2] 1982 (mil. dol.)
	1982	1983			1982	1983			1982	1983	
Total	[3] 13.1	18.75	(x)	IA	13	13	175	NC	12	12	368
Federal	4.0	9.0	(x)	KS	8	10	117	ND	8	13	34
State	[4] 9.1	[4] 9.75	10,541	KY [5]	10	10	197	OH	11.7	12	579
AL	11	11	233	LA	8	8	192	OK	6.58	6.58	130
AK	8	8	20	ME	9	14	51	OR	8	8	96
AZ	10	12	132	MD	13.5	13.5	208	PA	11	12	709
AR	9.5	9.5	128	MA	9.9	11	258	RI	13	13	43
CA	9	9	831	MI	13	13	429	SC	13	13	220
CO	9	9	138	MN	13	16	261	SD	13	13	55
CT	11	14	152	MS	9	9	124	TN	9	9	259
DE	11	11	34	MO	7	7	191	TX	5	5	501
DC	14	14.8	22	MT	9	15	48	UT	11	11	81
FL	8	9.7	419	NE [6]	13.9	15.5	116	VT	11	13	27
GA	7.5	7.5	247	NV	12	12	62	VA [5]	11	11	340
HI	8.5	8.5	28	NH	14	14	56	WA	12	16	245
ID	12.5	14.5	61	NJ	8	8	288	WV	10.5	10.5	99
IL	7.5	11	368	NM	11	11	84	WI	13	15	287
IN	11.1	11.1	313	NY	8	8	454	WY	8	8	38

X Not applicable. [1] In effect Dec. 31. [2] Represents net receipts. [3] Estimated. [4] Represents weighted average based on net gallons taxed. [5] Trucks or combinations with more than 2 axles pay tax of 2 cents per gallon more. [6] .08 cents per gallon is for inspection fee.

No. 1033. Public Highway Debt—State and Local Governments: 1970 to 1984

[**In millions of dollars.** Long-term obligations. State data are for calendar years; local data for varying fiscal years. Excludes duplicated and interunit obligations. Municipal debt includes other political subdivisions urban in character. See also *Historical Statistics, Colonial Times to 1970,* series Q 136–147]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983 [1]	1984 [2]
Total debt issued [3]	1,886	2,239	2,230	1,883	1,904	2,094	2,574	3,155	3,430	3,460
State	1,305	1,412	1,183	942	941	1,128	965	1,555	1,740	1,650
County and township	174	222	339	238	279	276	305	350	390	400
Municipal	407	605	708	703	684	690	1,304	1,250	1,300	1,410
Total debt redeemed [4]	1,252	1,492	1,648	1,593	1,751	1,706	2,464	1,831	1,744	1,762
State	782	908	960	934	960	1,022	1,579	1,146	1,029	1,032
County and township	152	166	178	170	177	209	201	185	210	220
Municipal	318	418	510	489	614	475	684	500	505	510
Total debt outstanding	19,107	23,801	25,037	25,327	25,463	25,851	25,961	27,285	28,971	30,669
State	13,903	17,422	18,187	18,175	18,176	18,282	17,668	18,077	18,788	19,406
County and township	1,685	1,822	2,007	2,075	2,090	2,157	2,261	2,426	2,606	2,786
Municipal	3,519	4,557	4,843	5,077	5,197	5,412	6,032	6,782	7,577	8,477

[1] Preliminary. [2] Projection. [3] Excludes refunding issues. [4] Excludes redemptions by refunding.

Source of tables 1032 and 1033: U.S. Federal Highway Administration, *Highway Statistics,* annual.

No. 1034. Motor Vehicles—Summary: 1970 to 1983

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
PASSENGER CARS										
Passenger car production	1,000	6,550	6,717	9,214	9,177	8,434	6,376	6,253	5,073	6,781
Passenger car factory sales	1,000	6,547	6,713	9,201	9,165	8,419	6,400	6,255	5,049	6,739
Passenger car (new), retail sales [1]	1,000	8,405	8,640	11,185	11,312	10,671	8,979	8,536	7,982	9,181
Domestic [2]	1,000	7,116	7,050	9,104	9,308	8,341	6,581	6,209	5,759	6,795
Subcompact [3]	1,000	1,338	700	953	1,191	1,671	1,604	1,630	1,489	1,776
Compact [3]	1,000		2,336	2,364	2,391	2,130	1,659	1,568	1,257	1,110
Standard [3]	1,000	5,778	1,956	2,769	2,647	2,147	1,358	1,250	1,377	1,825
Intermediate [3]	1,000		2,058	3,018	3,079	2,393	1,957	1,757	1,641	2,071
Imports [4]	1,000	1,285	1,587	2,076	2,000	2,329	2,398	2,327	2,223	2,386
TRUCKS										
Truck and bus production	1,000	1,734	2,270	3,489	3,723	3,046	1,634	1,690	1,912	2,424
Truck and bus factory sales	1,000	1,692	2,272	3,441	3,706	3,037	1,667	1,701	1,906	2,414
Truck and bus retail sales [5]	1,000	1,746	2,351	3,486	3,914	3,236	2,232	1,972	2,248	2,709
Light duty (up to 14,000 GVW) [6]	1,000	(NA)	2,076	3,145	3,547	2,861	1,964	1,747	2,064	2,521
Med. duty (14,001–26,000 GVW) [6]	1,000	(NA)	169	172	164	152	92	74	46	48
Heavy duty (over 26,000 GVW) [6]	1,000	126	106	169	203	223	176	152	138	141
MOTORCYCLES										
Motorcycle registrations, new [7]	1,000	751	747	849	797	861	838	794	689	740
Motorcycle (new) retail sales [8]	1,000	1,010	940	1,080	975	1,085	1,065	1,045	960	1,155
Motorcycle imports, total [9]	1,000	1,091	948	860	935	867	1,120	1,057	917	540
Value [10]	Mil. dol	308	713	588	797	870	1,142	1,314	1,110	697
FOREIGN TRADE										
Passenger cars (new), exported [11]	1,000	285	640	697	706	793	617	548	379	554
Passenger cars (new), imported [12]	1,000	2,013	2,075	2,791	3,025	3,006	3,248	2,999	3,067	3,667
Canada	1,000	693	734	850	833	677	595	564	703	837
Germany, Federal Republic of	1,000	675	370	424	416	496	471	376	338	330
Japan	1,000	361	696	1,342	1,563	1,617	1,992	1,912	1,823	2,112
Trucks (new) exports	1,000	91	219	198	243	251	186	166	124	132
Trucks (new) imports [12]	1,000	166	295	529	743	677	747	733	697	785
Japan	1,000	27	142	229	368	397	483	456	356	430
Import value, new passenger cars [1]	Mil. dol	3,719	7,483	11,077	14,072	14,852	16,935	17,939	20,397	24,146
Trucks and buses, new [1]	Mil. dol	381	620	1,258	2,146	1,841	1,985	4,217	4,453	4,848
Export value [1 10]	Mil. dol	3,871	10,658	12,544	14,548	16,590	16,015	18,121	16,039	17,078
Passenger cars (new) [13]	Mil. dol	822	2,852	3,568	3,623	4,642	3,932	3,928	2,867	4,208
Trucks and buses (new) [13]	Mil. dol	636	2,305	2,098	2,752	3,267	2,977	3,247	2,642	2,130
Parts and accessories [14]	Mil. dol	2,413	5,501	6,877	8,173	8,681	9,106	10,946	10,530	10,740
VEHICLES IN USE, AND RETIRED										
Cars in use, total	Million	80.4	95.2	99.9	102.9	104.7	104.6	105.8	106.9	109.0
Under 3 years	Million	24.4	25.8	24.2	27.3	28.2	26.8	24.2	21.5	20.7
3–5 years	Million	24.9	27.0	30.0	27.3	25.2	25.5	28.8	29.9	26.8
6–8 years	Million	18.4	22.0	22.3	23.3	25.0	25.2	23.0	22.2	23.5
9–11 years	Million	7.7	13.9	14.2	14.6	14.9	14.6	16.0	17.9	18.9
12 years and over	Million	4.9	6.6	9.2	10.5	11.3	12.5	13.9	15.4	17.0
Average age	Years	5.6	6.0	6.2	6.3	6.4	6.6	6.9	7.2	7.4
Cars retired from use [15]	1,000	7,461	5,669	8,234	7,907	9,312	8,405	7,542	6,921	6,243
Trucks in use, total	Million	17.7	24.8	28.2	30.5	32.6	35.2	36.1	37.0	38.1
Under 3 years	Million	4.7	6.9	7.0	8.5	9.2	8.8	7.3	5.6	5.9
3–5 years	Million	4.3	5.8	7.7	7.4	7.3	8.1	9.7	10.7	9.5
6–8 years	Million	3.0	4.4	4.9	5.3	6.2	7.4	7.1	7.1	7.7
9–11 years	Million	1.9	3.2	3.5	3.8	4.0	4.4	4.9	5.7	6.5
12 years and over	Million	3.9	4.4	5.1	5.5	5.9	6.5	7.2	7.9	8.5
Average age	Years	7.3	6.9	6.9	6.9	6.9	7.1	7.5	7.8	8.1
Trucks retired from use [15]	1,000	837	908	1,668	1,426	1,916	1,732	1,519	1,459	1,491
VEHICLE DRIVERS LICENSES										
Total	Million	112	130	138	141	143	146	148	149	152
Percent male	Percent	56.8	54.3	53.9	53.7	53.5	53.2	53.0	52.6	52.3
Percent under 25 years old	Percent	22.1	22.6	22.1	21.9	21.8	21.5	20.7	20.7	20.2
TIRES AND BATTERIES SHIPMENTS										
Tires, passenger car, total [16]	Million	166.6	167.0	189.6	193.9	174.0	145.9	165.3	167.5	182.0
Radials	Million	2.9	61.5	81.6	89.5	90.9	83.5	108.6	115.9	133.4
Replacement	Million	129.6	122.5	129.3	135.2	121.9	106.9	125.3	130.5	134.0
Tires, truck and bus, total [16]	Million	25.7	27.3	37.2	42.7	39.9	31.1	35.8	33.8	36.9
Radials	Million	(NA)	.8	1.8	3.1	4.1	3.8	9.2	10.4	13.4
Replacement	Million	16.7	19.8	25.9	30.0	28.9	24.4	28.5	28.1	30.3
Batteries, total [17]	Million	46.9	52.9	70.7	73.2	69.3	61.6	65.5	64.6	69.0
Replacement automobile batteries	Million	37.9	39.3	54.6	56.4	53.7	50.1	53.6	54.2	56.1

NA Not available. [1] Based on data from U.S. Dept. of Commerce. [2] Includes domestic models produced in Canada. [3] Source: Board of Governors of the Federal Reserve System, unpublished data. Represents total auto sales data from *Ward's Automotive Reports*. Criteria by which each year's car models are grouped into the major size categories vary among those collecting data. Data shown here follow *Automotive News* classifications. Beginning 1978, cars produced in U.S. by foreign manufacturer are included in subcompact. [4] Excludes domestic models produced in Canada. [5] Excludes motorcoaches and imports from foreign manufacturers. Beginning 1975, includes imports sold by franchised dealers of U.S. manufacturers. [6] Gross vehicle weight (fully loaded vehicle). [7] Source: R. L. Polk & Company, Detroit, MI, *New Motorcycle Registrations by States*. Excludes Oklahoma. Reproduction prohibited without Polk permission. [8] Estimates by Motorcycle Industry Council Inc., Newport Beach, CA. Includes all-terrain vehicles. Excludes mopeds/motorized bicycles. [9] Source: Motorcycle Industry Council, Inc., Newport Beach, CA. Data from U.S. Dept. of Commerce. Excludes mopeds/motorized bicycles and all-terrain vehicles. [10] Dutiable value for customs purposes prior to 1980 thereafter, C.I.F. value. [11] 1970–1977, covers assembled vehicles only. Beginning 1978, includes chassis. [12] Includes other countries, not shown separately. [13] Covers assembled and unassembled vehicles. [14] Includes rubber tires and tubes and used vehicles. [15] For years ending June 30. Represents vehicles failing to re-register. [16] Includes original equipment. Also includes exports, not shown separately. Source: The Rubber Manufacturers Association, Inc., Washington, D.C., *RMA Monthly Tire Report*. [17] Source: Battery Council International, Chicago, IL.

Source: Except as noted, Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *Motor Vehicle Facts and Figures*, annual, and *World Motor Vehicle Data*, annual.

No. 1035. Motor-Vehicle Registrations, 1960 to 1983, and Drivers Licenses, 1982, by State

[**In thousands, except as indicated.** Motor vehicle registrations cover publicly, privately, and commercially owned vehicles. For uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations]

State	Automobiles, trucks, and buses [1]							Motorcycles (incl. official) [1]	Drivers licenses, 1982		
						1983, est.				Percent—	
							Automobiles (incl. taxis)				
	1960, total	1970, total	1975, total	1980, total	1982, total	Total	Total	Per 1,000 population [2]	1983, est.	Total [3]	Male	Under 25 yr. old
U.S.	**73,858**	**108,418**	**132,949**	**155,796**	**159,510**	**161,939**	**125,382**	**536**	**5,779**	**150,310**	**52.3**	**20.2**
AL	1,282	1,966	2,493	2,938	3,039	3,078	2,197	555	69	2,316	52.0	21.2
AK	81	139	226	262	319	340	214	447	11	321	57.2	21.2
AZ	624	1,093	1,459	1,917	2,216	2,308	1,648	556	106	2,086	54.1	20.9
AR	708	1,043	1,283	1,574	1,481	1,466	955	410	24	1,591	51.7	20.5
CA	7,799	11,901	13,891	16,873	17,130	17,798	14,016	557	714	16,299	53.0	19.0
CO	924	1,442	1,925	2,342	2,502	2,516	1,847	588	118	2,182	52.2	22.9
CT	1,107	1,733	1,949	2,147	2,258	2,280	2,119	675	77	2,235	51.8	19.3
DE	192	312	351	397	415	423	339	559	12	433	51.4	20.5
DC	206	257	255	268	231	229	211	368	6	385	52.1	17.6
FL	2,367	4,120	5,395	7,614	8,335	8,954	7,299	683	233	7,979	51.9	18.1
GA	1,512	2,584	3,211	3,818	3,916	3,972	3,031	529	117	3,605	51.8	21.0
HI	231	405	462	570	586	593	532	520	7	561	55.5	18.7
ID	375	488	647	834	873	890	530	536	52	663	52.4	23.4
IL	3,776	5,238	6,344	7,477	7,242	7,256	5,840	508	293	6,965	52.4	20.9
IN	2,046	2,818	3,315	3,826	3,884	3,882	2,873	524	157	3,345	49.3	20.3
IA	1,325	1,790	2,099	2,329	2,346	2,356	1,564	573	239	1,927	51.0	21.6
KS	1,163	1,548	1,805	2,007	2,061	2,097	1,398	576	130	1,694	50.9	21.3
KY	1,198	1,763	2,245	2,593	2,615	2,633	1,817	489	64	2,141	53.5	19.6
LA	1,177	1,742	2,188	2,779	2,800	2,818	2,036	459	69	2,540	53.4	28.2
ME	374	510	648	724	743	770	568	496	48	757	52.0	18.9
MD	*1,155*	*1,872*	*2,423*	*2,803*	*2,893*	*2,933*	*2,453*	570	75	2,741	51.9	19.6
MA	1,803	2,575	3,107	3,749	3,750	3,749	3,298	572	99	3,641	51.8	19.0
MI	3,306	4,569	5,545	6,488	6,250	6,338	5,007	552	223	6,390	52.2	24.4
MN	1,592	2,207	2,525	3,091	3,278	3,327	2,347	566	173	2,397	52.0	20.0
MS	723	1,117	1,377	1,577	1,593	1,610	1,230	475	29	1,734	53.7	20.8
MO	1,720	2,408	2,866	3,271	3,412	3,439	2,565	516	98	3,297	51.6	20.7
MT	373	485	611	680	758	783	477	584	47	492	54.8	22.3
NE	734	974	1,165	1,254	1,215	1,229	814	510	45	1,084	51.7	22.0
NV	175	355	464	655	710	719	519	582	24	655	53.4	19.2
NH	256	390	485	704	774	781	666	694	59	677	52.0	19.5
NJ	2,401	3,586	4,155	4,761	4,917	4,940	4,402	589	104	5,338	52.9	17.5
NM	426	637	827	1,068	1,193	1,234	806	576	63	943	52.0	20.9
NY	5,067	6,718	7,591	8,002	8,235	8,277	7,180	406	192	8,992	53.2	16.8
NC	1,720	2,826	3,690	4,532	4,583	4,588	3,468	570	117	3,903	51.7	21.1
ND	345	428	551	627	653	665	386	568	32	428	52.4	23.0
OH	4,087	5,974	7,179	7,771	7,636	7,596	6,305	587	282	7,669	52.0	22.6
OK	1,184	1,713	2,113	2,583	2,780	2,840	1,811	549	134	2,039	50.7	20.7
OR	919	1,369	1,628	2,081	2,075	2,085	1,463	550	89	1,894	52.9	18.7
PA	4,287	5,818	7,659	6,926	6,725	6,736	5,613	472	233	7,351	52.8	18.3
RI	341	488	563	623	586	585	505	529	29	600	51.5	19.6
SC	879	1,360	1,772	1,996	1,975	2,045	1,594	488	35	1,959	50.5	21.2
SD	354	426	521	601	615	627	384	549	39	486	52.1	24.3
TN	1,307	2,050	2,727	3,271	3,381	3,353	2,746	586	83	2,902	51.6	19.9
TX	4,457	6,693	8,396	10,475	11,388	11,627	8,110	516	338	10,154	52.8	20.9
UT	417	664	845	992	1,038	1,048	723	447	66	914	49.6	24.0
VT	152	229	287	347	351	353	271	516	22	355	52.8	18.8
VA	1,426	2,263	3,251	3,626	3,705	3,689	3,144	566	79	3,625	50.6	20.8
WA	1,377	2,102	2,540	3,225	3,237	3,217	2,286	533	136	2,774	52.5	18.4
WV	601	801	966	1,320	1,142	1,142	802	408	56	1,411	52.7	20.1
WI	1,600	2,182	2,591	2,941	3,162	3,203	2,570	541	210	3,036	51.9	21.1
WY	207	247	337	467	508	522	303	589	22	398	55.1	23.4

[1] Excludes vehicles owned by military services. [2] Based on resident population as of July 1.
[3] Estimated from data reported by States for current and previous years; allowance has been made for deaths, emigration, or revocation by some States.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and *Drivers Licenses*, annual.

No. 1036. Motor Vehicles—Registrations, Factory Sales, and Retail Sales: 1950 to 1983

[Minus sign (–) indicates decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 148–155]

YEAR	REGISTRATIONS [1] (mil.)			Motor-cycle registrations [1] (1,000)	FACTORY SALES (1,000)			PASSENGER CARS RETAIL SALES (1,000)			AVERAGE ANNUAL PERCENT CHANGE [4]	
	Total cars, trucks, buses	Passenger cars [2]	Trucks and buses		Total cars, trucks, buses	Passenger cars	Trucks and buses [3]	Total	Domestic	Imports	Registrations [5]	Retail sales
1950	49.2	40.4	8.8	454	8,003	6,666	1,337	(NA)	(NA)	(NA)	[6] 7.4	(NA)
1955	62.7	52.1	10.6	412	9,169	7,920	1,249	7,466	7,408	58	5.0	(NA)
1960	73.9	61.7	12.2	574	7,869	6,675	1,194	6,641	6,142	499	3.3	–2.3
1965	90.4	75.3	15.1	1,382	11,057	9,306	1,752	9,332	8,763	569	4.1	7.0
1967	96.9	80.4	16.5	1,953	8,976	7,437	1,539	8,337	7,568	769	3.5	–5.5
1968	100.9	83.6	17.3	2,089	10,718	8,822	1,896	9,656	8,625	1,031	4.1	15.8
1969	105.1	86.9	18.2	2,316	10,147	8,224	1,923	9,583	8,464	1,118	4.2	–.8
1970	108.4	89.2	19.2	2,824	8,239	6,547	1,692	8,405	7,119	1,285	3.2	–12.3
1971	113.0	92.7	20.3	3,344	10,638	8,585	2,053	10,250	8,681	1,568	4.2	22.0
1972	118.8	97.1	21.7	3,760	11,271	8,824	2,447	10,950	9,327	1,623	5.1	6.8
1973	125.7	102.0	23.7	4,371	12,637	9,658	2,980	11,439	9,676	1,763	5.8	4.5
1974	129.9	104.8	25.1	4,966	10,059	7,331	2,727	8,867	7,454	1,413	3.4	–22.5
1975	132.9	106.7	26.2	4,964	8,985	6,713	2,272	8,640	7,053	1,587	2.3	–2.6
1976	138.5	110.4	28.2	4,989	11,480	8,500	2,979	10,110	8,611	1,498	4.2	17.0
1977	142.4	112.3	30.1	4,879	12,642	9,201	3,441	11,185	9,109	2,076	2.8	10.6
1978	148.4	116.6	31.8	4,867	12,871	9,165	3,706	11,312	9,312	2,000	4.2	1.1
1979	151.8	118.4	33.4	5,422	11,456	8,419	3,037	10,671	8,341	2,329	2.3	–5.7
1980	155.8	121.6	34.1	5,694	8,067	6,400	1,667	8,979	6,581	2,398	2.6	–15.9
1981	158.5	123.5	35.0	5,831	7,956	6,255	1,701	8,536	6,209	2,327	1.7	–4.9
1982	159.5	123.7	35.8	5,743	6,955	5,049	1,906	7,982	5,759	2,223	.8	–6.5
1983	[7] 161.9	[7] 125.4	[7] 36.6	[7] 5,779	9,153	6,739	2,414	9,181	6,795	2,386	1.5	11.5

NA Not available. [1] Excludes Alaska and Hawaii prior to 1960. Includes publicly owned vehicles. Excludes military services' vehicles. [2] Includes taxis. [3] Includes standard equipment. [4] From prior year shown. [5] Excludes motorcycles. [6] Change from 1945. [7] Estimate.

Source: Registrations—U.S. Federal Highway Administration, *Highway Statistics*, annual; sales—Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *MVMA Motor Vehicle Facts and Figures*, annual.

No. 1037. Trucks and Truck-Miles, by Vehicle and Operational Characteristics: 1977

[Data are based on a stratified probability sample of trucks drawn from current registrations on file with motor vehicle departments in the 50 States and DC]

ITEM	TRUCKS (1,000)		TRUCK-MILES (bil.)		ITEM	TRUCKS (1,000)		TRUCK-MILES (bil.)	
	Total	Excluding pickups, panels	Total	Excluding pickups, panels		Total	Excluding pickups, panels	Total	Excluding pickups, panels
Total trucks	**26,213**	**4,062**	**312.5**	**74.2**	Body type—Con.:				
Major use:					Vans [1]	887	887	32.7	32.7
Agriculture, forestry and lumbering	4,466	1,203	40.0	9.6	Utility truck	201	201	2.2	2.2
Construction	1,765	601	25.7	8.1	Dump truck	452	452	6.4	6.4
Manufacturing	368	197	8.8	6.2	Tank truck	272	272	7.3	7.3
Wholesale and retail trade	2,008	759	36.6	17.3	All other	471	471	6.7	6.7
For hire	547	453	23.7	22.0	Size-class: [2]				
Personal transportation	14,261	35	143.4	.1	Light	22,395	680	238.4	5.5
Utilities and services	2,122	536	26.1	5.7	Medium	1,583	1,153	16.2	10.9
All other	676	278	8.3	5.2	Light-heavy	802	796	8.2	8.2
Body type:					Heavy-heavy	1,433	1,433	49.7	49.7
Pickup	17,632	(X)	162.9	(X)	Annual miles:				
Panel, multi-stop [1]	4,519	(X)	55.4	(X)	Less than 5,000 miles	6,280	1,422	13.1	2.6
Platform and cattlerack	1,779	1,779	18.9	18.9	5,000–9,999 miles	6,298	735	43.5	4.9
					10,000–19,999 miles	9,691	810	122.7	10.7
					20,000–29,999 miles	2,408	358	54.1	8.2
					30,000–49,999 miles	980	302	34.2	11.2
					50,000 miles or more	557	435	44.9	36.6

X Not applicable. [1] Vans similar to panel trucks are included in panel, multi-stop. [2] Gross vehicle weight (empty-weight of the vehicle plus the maximum carried load). Light=10,000 lbs. or less; medium=10,001–19,500 lbs.; light-heavy=19,501–26,000 lbs.; and heavy-heavy=26,001 lbs. or more.

Source: U.S. Bureau of the Census, *U.S. Census of Transportation: 1977*, TC77-T52.

No. 1038. Motor Vehicle Output and Trade in National Income Accounts: 1970 to 1983

[**In billions of dollars, except percent.** Vehicle output equals *final dollar sales* value of new vehicles, plus net dollar value of used vehicle sales, adjusted for changes in inventories and net balance of vehicle exports and imports]

Year	Current dollars							Constant (1972) dollars						
	GNP [1]	Vehicle output				Vehicle		GNP [1]	Vehicle output				Vehicle	
		Total	Percent of GNP	Auto	Truck	Export value	Import value		Total	Percent of GNP	Auto	Truck	Export value	Import value
1970	993	37.5	3.8	28.7	8.8	1.4	4.4	1,086	39.2	3.6	29.8	9.4	1.5	5.1
1971	1,078	50.2	4.7	39.1	11.1	1.8	5.9	1,121	50.1	4.5	38.9	11.2	1.8	6.2
1972	1,186	56.2	4.7	41.6	14.6	2.0	6.8	1,186	56.2	4.7	41.6	14.6	2.0	6.8
1973	1,326	64.2	4.8	46.2	18.0	2.7	7.8	1,255	64.3	5.1	46.4	17.9	2.7	7.4
1974	1,434	58.9	4.1	39.2	19.7	3.7	8.8	1,248	55.0	4.4	37.1	17.9	3.4	7.5
1975	1,549	58.3	3.8	40.7	17.6	5.1	8.4	1,234	50.0	4.1	35.7	14.3	4.3	6.4
1976	1,718	80.7	4.7	55.9	24.8	5.4	11.0	1,300	64.2	4.9	45.3	18.9	4.2	7.9
1977	1,918	98.0	5.1	65.1	32.9	5.6	13.3	1,370	73.9	5.4	50.7	23.2	4.2	8.8
1978	2,164	109.7	5.1	69.5	40.2	6.5	17.4	1,439	76.5	5.3	50.3	26.2	4.4	10.2
1979	2,418	107.2	4.4	68.0	39.2	8.0	18.6	1,479	70.2	4.7	47.0	23.2	5.1	9.9
1980	2,632	87.0	3.3	60.8	26.2	7.1	20.9	1,475	53.3	3.6	39.4	13.9	4.1	10.2
1981	2,958	99.9	3.4	70.6	29.3	7.2	22.6	1,512	57.0	3.8	42.8	14.2	3.9	10.1
1982	3,069	97.2	3.2	67.0	30.2	5.3	25.3	1,480	53.0	3.6	38.9	14.1	2.7	10.9
1983	3,305	125.0	3.8	88.7	36.3	6.1	29.1	1,535	66.6	4.3	49.9	16.7	3.0	12.3

[1] For definition of gross national product (GNP), see text, p. 427.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July issues.

No. 1039. Automobiles—Factory-Installed Equipment: 1970 to 1983

[*Refers to model-year production.* For certain items, such as air-conditioning, a significant number of units are installed on new vehicles after they leave the factory]

Equipment	Units installed (mil.)							Percent of cars produced						
	1970	1975	1979	1980	1981	1982	1983	1970	1975	1979	1980	1981	1982	1983
Transmission:														
Automatic	7.2	6.2	8.2	6.1	5.6	4.7	5.2	91.0	91.6	90.9	82.2	85.3	85.8	87.0
Manual	.7	.6	.8	1.3	1.0	.8	.8	8.9	8.4	9.0	17.8	14.6	14.2	13.0
V-8	6.7	4.9	5.6	2.3	1.9	1.6	1.8	84.2	71.4	61.7	31.6	29.0	28.9	31.0
6-cylinder engine	1.2	1.3	2.1	2.7	2.3	1.7	1.7	15.7	19.6	23.1	36.0	36.0	31.1	29.3
4-cylinder engine	(NA)	.6	1.4	2.4	2.2	2.2	2.4	(NA)	9.0	15.2	32.4	35.0	40.0	39.7
Diesel engine	–	–	.1	.4	.5	.3	.1	–	–	1.5	4.9	7.3	4.9	1.4
Power brakes	4.4	5.2	7.7	6.2	5.6	5.0	5.6	56.0	75.8	85.5	83.1	86.0	90.2	94.0
Power steering	6.4	6.1	8.2	6.2	5.7	4.9	5.4	81.2	89.7	90.8	82.9	87.1	89.7	91.0
Power windows [1]	1.3	1.6	2.7	1.6	1.7	1.8	2.3	16.7	24.1	29.5	22.3	26.6	32.5	39.0
Air-conditioning	4.8	4.9	7.3	5.4	5.1	4.5	4.9	60.9	73.1	81.0	72.6	78.4	81.8	82.0
Tinted glass [2]	5.5	5.5	8.0	5.9	5.6	4.8	(NA)	69.5	80.6	88.6	80.8	85.3	87.4	(NA)

– Represents zero. NA Not available. [1] Includes station wagon power rear windows.
[2] Covers windshield and other glass.

Source: Chilton Company, Radnor, PA, *Annual Statistical Issue, Automotive Industries.* (Copyright.)

No. 1040. Recreational Vehicles—Number and Retail Value of Shipments: 1970 to 1983

Type	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
NUMBER (1,000)													
Total	**380.3**	**583.0**	**528.8**	**295.8**	**339.6**	**541.1**	**533.9**	**526.3**	**307.7**	**181.4**	**239.1**	**258.0**	**358.0**
Motorized homes	30.3	116.8	129.0	68.9	96.6	256.1	280.2	293.6	172.6	99.9	135.2	152.5	223.7
Travel trailers	138.0	250.9	212.3	126.3	150.6	189.7	167.9	159.8	90.2	52.0	63.8	65.5	90.0
Folding camping trailers	116.1	110.2	97.7	55.2	48.1	53.3	53.9	48.2	31.1	24.5	35.0	34.3	37.5
Truck campers	95.9	105.1	89.8	45.4	44.3	42.0	31.9	24.7	13.8	5.0	5.1	5.7	6.8
RETAIL VALUE (mil. dol.)													
Total	**1,122**	**2,365**	**2,322**	**1,392**	**2,320**	**4,284**	**5,327**	**5,683**	**3,538**	**1,952**	**2,775**	**3,505**	**6,324**
Motorized homes	318	1,011	1,153	624	1,251	2,923	3,876	4,329	2,682	1,381	2,019	2,701	5,099
Travel trailers	445	971	843	567	856	1,132	1,229	1,153	725	485	631	666	1,067
Folding camping trailers	175	166	160	109	101	117	123	116	83	69	105	110	122
Truck campers	183	218	167	92	112	112	99	85	48	17	20	28	36

Source: Recreation Vehicle Industry Association, Chantilly, VA, *RVs . . . The Family Camping Vehicle, A Year-End Report/1983.* Data also in Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *Motor Vehicle Facts and Figures,* annual.

No. 1041. Motor Vehicle Accidents—Number and Deaths: 1960 to 1983

[1983 data preliminary. See also *Historical Statistics, Colonial Times to 1970*, series Q 208 and Q 224-232]

ITEM	Unit	1960	1965	1970	1972 [1]	1975	1978	1979	1980	1981	1982	1983
Motor vehicle accidents [2]	Million	10.4	13.2	16.0	17.0	16.5	18.3	18.1	17.9	18.0	18.1	(NA)
Cars	Million	16.0	20.3	23.5	24.5	22.5	24.6	22.9	22.8	22.9	23.2	(NA)
Trucks	Million	2.0	2.6	3.2	3.5	3.8	5.5	5.4	5.5	5.6	5.8	(NA)
Motorcycles	1,000	100	235	305	343	372	480	480	560	540	550	(NA)
Motor vehicle deaths within 1 yr. [3]	1,000	38.1	49.2	54.6	56.3	45.9	52.4	53.5	53.2	51.4	46.0	44.6
Noncollision accidents [4]	1,000	11.9	14.9	15.4	15.8	12.7	14.5	14.6	14.7	14.3	12.8	12.5
Collision accidents:												
With other motor vehicles	1,000	14.8	20.8	23.2	23.9	19.5	22.4	23.1	23.0	22.5	19.8	19.3
With pedestrians	1,000	7.9	8.9	9.9	10.3	8.4	9.6	9.8	9.7	9.1	8.6	8.0
With fixed objects [4]	1,000	1.7	2.2	3.8	3.9	3.1	3.6	3.7	3.7	3.4	3.0	3.0
Deaths within 30 days [5]	1,000	36.4	47.1	52.6	54.6	44.5	50.3	51.1	51.1	49.3	43.9	42.6
Vehicle occupants	1,000	27.9	36.8	40.6	41.4	32.8	37.1	37.2	36.8	35.5	31.2	30.7
Pedestrians	1,000	7.2	8.0	9.0	9.2	7.5	7.8	8.1	8.1	7.8	7.3	6.8
Motorcyclists [6]	1,000	.8	1.7	2.3	3.0	3.2	4.6	4.9	5.1	4.9	4.5	4.3
Bicyclists	1,000	.5	.7	.8	1.0	1.0	.9	.9	1.0	.9	.9	.8
Traffic death rates: [5 7]												
Per 100,000 resident population	Rate	20.2	24.3	25.8	26.2	20.7	22.7	22.8	22.6	21.5	19.0	18.2
Per 100,000 registered vehicles	Rate	48.9	51.3	47.3	44.5	32.3	32.8	32.0	31.6	30.0	26.6	25.7
Per 100 million vehicle miles	Rate	5.1	5.3	4.7	4.3	3.4	3.3	3.3	3.3	3.2	2.8	2.6
Per 100,000 licensed drivers	Rate	41.7	47.8	47.2	46.1	34.3	35.7	35.7	35.2	34.1	29.2	28.3
Motor vehicle accidents [8]	Million	11.4	14.7	22.1	24.9	24.9	27.7	26.7	24.1	28.3	28.5	(NA)
Injuries [8]	1,000	3,078	3,982	4,983	5,190	4,978	5,798	5,681	5,230	5,019	4,490	(NA)
Economic loss [8 9]	Bil. dol.	10.2	14.2	23.5	28.7	36.1	52.6	56.4	57.1	58.7	60.2	(NA)

NA Not available. [1] Represents peak year for deaths from motor vehicle accidents. [2] Covers only accidents occurring on the road. [3] Deaths that occur within one year of accident. Includes collision categories not shown separately. [4] Beginning 1970, not comparable with previous years due to classification change. [5] Within 30 days of accident. Source: U.S. National Highway Traffic Safety Administration, unpublished data from Fatal Accident Reporting System. [6] Includes motor scooters and motorized bicycles (mopeds). [7] Based on 30-day definition of traffic deaths. [8] Source: Insurance Information Institute, New York, NY, *Insurance Facts*. Estimates based on official reports from a representative cross-section of States. Includes all motor vehicle accidents on and off the road and all injuries regardless of length of disability. [9] Wage loss; legal, medical, hospital, and funeral expenses; insurance administrative costs; and property damage.

Source: Except as noted, National Safety Council, Chicago, IL, *Accident Facts*, annual. (Copyright.)

No. 1042. Deaths From Motor Vehicle Accidents—by States: 1970 to 1981

[Data differ from table 1041 because data are based on date of death, not date of accident. Data reflect State where death occurred. Includes deaths of nonresidents of U.S. Deaths for 1979-80 classified according to the ninth revision of the *International Classification of Diseases*, for earlier years classified according to the revision in use at the time; see text, p. 55. Data based on Vital Registration System, see Appendix III]

STATE	1970	1972 [1]	1975	1979	1980	1981	STATE	1970	1972 [1]	1975	1979	1980	1981
U.S	**54,845**	**56,528**	**46,032**	**53,786**	**53,476**	**51,669**	**S.A**	**9,796**	**10,600**	**8,358**	**9,379**	**9,767**	**9,689**
							DE	158	130	129	127	164	116
Region:							MD	809	852	686	722	822	812
N. East	8,850	8,992	7,431	8,240	8,255	7,818	DC	140	100	91	71	79	81
Midwest	14,629	14,670	11,293	12,693	12,244	11,333	VA	1,251	1,256	1,069	1,070	1,111	1,051
South	20,792	21,964	18,029	20,582	21,014	21,217	WV	561	578	499	579	583	486
West	10,574	10,902	9,279	12,271	11,963	11,301	NC	1,801	2,026	1,560	1,580	1,588	1,563
N.E	**2,095**	**2,180**	**1,953**	**2,285**	**2,246**	**1,931**	SC	1,070	1,148	837	927	895	871
ME	288	252	235	258	264	221	GA	1,825	1,940	1,420	1,608	1,558	1,511
NH	182	172	155	182	192	154	FL	2,181	2,570	2,067	2,695	2,967	3,198
VT	116	126	124	154	131	103	**E.S.C**	**4,850**	**4,972**	**3,881**	**4,240**	**3,995**	**3,971**
MA	918	1,042	895	982	933	814	KY	1,081	1,114	885	942	865	865
RI	143	144	140	146	142	131	TN	1,525	1,526	1,280	1,366	1,280	1,230
CT	448	444	404	565	584	508	AL	1,297	1,356	1,087	1,131	1,054	1,084
M.A	**6,755**	**6,812**	**5,478**	**5,955**	**6,009**	**5,887**	MS	947	976	629	601	796	792
NY	3,117	3,140	2,277	2,500	2,717	2,623	**W.S.C**	**6,146**	**6,392**	**5,790**	**6,963**	**7,252**	**7,557**
NJ	1,289	1,352	1,099	1,173	1,130	1,203	AR	595	750	577	550	607	554
PA	2,349	2,320	2,102	2,282	2,162	2,061	LA	1,194	1,136	993	1,258	1,261	1,270
E.N.C	**9,623**	**9,514**	**7,361**	**8,583**	**8,000**	**7,423**	OK	767	792	748	942	1,006	1,049
OH	2,486	2,336	1,652	2,244	1,976	1,745	TX	3,570	3,714	3,472	4,213	4,378	4,684
IN	1,587	1,578	1,139	1,351	1,213	1,212	**Mt**	**3,549**	**3,764**	**3,206**	**4,211**	**4,071**	**3,922**
IL	2,267	2,216	1,816	2,053	1,985	1,882	MT	340	408	294	346	339	345
MI	2,172	2,236	1,811	1,899	1,817	1,635	ID	320	324	291	353	345	301
WI	1,109	1,148	943	1,036	1,009	949	WY	210	196	210	260	246	276
W.N.C	**5,006**	**5,156**	**3,932**	**4,110**	**4,244**	**3,910**	CO	697	746	621	751	783	800
MN	1,028	1,052	798	914	900	812	NM	568	588	556	668	617	501
IA	946	904	714	683	662	659	AZ	782	858	713	1,076	983	952
MO	1,479	1,500	1,105	1,236	1,239	1,097	UT	354	354	285	352	370	392
ND	194	206	183	157	184	190	NV	278	290	236	405	388	355
SD	240	312	216	230	238	186	**Pac**	**7,025**	**7,138**	**6,073**	**8,060**	**7,892**	**7,379**
NE	435	504	385	341	406	383	WA	902	836	804	1,113	1,048	936
KS	684	678	531	549	615	583	OR	739	774	582	720	698	675
							CA	5,114	5,300	4,414	5,917	5,860	5,498
							AK	107	64	120	87	91	102
							HI	163	164	153	223	195	168

[1] Represents peak year for deaths from motor vehicle accidents.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 1043. Licensed Drivers, Fatal Motor-Vehicle Accidents, and Alcohol Involvement, by Age of Driver: 1983

ITEM	Unit	Total	AGE OF DRIVER							
			16–17 years	18–21 years	22–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years and over
Licensed drivers [1]	1,000	150,310	4,178	14,165	11,949	37,570	26,877	20,023	18,631	16,794
Percent distribution	Percent	100.0	2.8	9.5	8.0	25.0	17.9	13.3	12.4	11.1
Licensed drivers involved in fatal accidents	1,000	56	3	10	7	15	8	5	4	4
Percent distribution	Percent	100	5	18	13	27	14	9	7	7
Drinking drivers fatal accidents [2]	Number	21,000	850	4,670	3,330	7,140	2,200	1,590	830	470
Percent distribution	Percent	100	4	22	16	34	10	8	4	2

[1] *Source:* U.S. Federal Highway Administration, *Highway Statistics,* annual. [2] Estimate based on 15 "good" reporting States in the *Fatal Accident Reporting System.*

Source: Except as noted, U.S. National Highway Traffic Safety Administration, unpublished data from the *Fatal Accident Reporting System.*

No. 1044. Fatal Motor-Vehicle Accidents—Number of Accidents, Occupants, and Fatalities, by Type of Vehicle: 1980 to 1982

[Based on data from the Fatal Accident Reporting System]

TYPE OF VEHICLE	ACCIDENTS [1]			OCCUPANTS			OCCUPANT FATALITIES		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total [2]	**47,284**	**44,000**	**39,082**	**103,424**	**102,792**	**93,148**	**41,927**	**40,424**	**35,646**
Passenger cars [2 3]	31,550	30,828	27,548	66,731	66,542	59,327	27,449	26,645	23,330
Small subcompact	5,584	6,100	5,586	9,576	10,683	9,778	4,994	5,456	4,930
Subcompact	2,945	3,384	3,302	5,024	5,595	5,792	2,506	2,739	2,678
Compact	8,159	8,497	7,749	14,725	15,587	14,403	6,292	6,243	5,881
Intermediate	9,602	9,142	7,984	17,358	16,706	14,615	6,260	5,678	4,800
Full size	6,049	5,364	4,258	10,914	9,608	7,572	3,454	2,954	2,237
Motor cycles	4,879	4,671	4,201	6,231	5,948	5,393	4,961	4,746	4,270
Moped, mini bike	180	157	177	215	192	229	183	160	183
Light trucks [2]	10,841	10,301	7,597	19,029	18,358	17,378	6,566	6,137	5,590
Pickup	8,796	8,356	7,842	14,855	14,306	13,536	5,463	5,097	4,677
Van	2,009	1,961	1,722	3,779	3,759	3,414	1,000	958	814
Medium trucks	1,076	871	666	1,428	1,190	908	285	235	154
Heavy trucks [3]	4,036	4,121	3,754	4,928	4,994	4,647	976	897	789
Single-unit [4]	377	333	283	453	386	356	69	57	52
Two-unit [5]	3,396	3,555	3,072	4,116	4,292	3,787	812	782	663
Multi-unit	148	150	129	173	183	145	41	34	25
Buses	329	340	288	992	1,014	967	46	56	35

[1] Each accident involving multiple types of vehicles is recorded in each category; therefore, the aggregate of all types will exceed the total number of accidents. [2] Includes other types and unknown, not shown separately. [3] Small subcompact, wheel base less than 96 in.; subcompact, 96 in. to 101 in.; compact, 102 in. to 111 in.; intermediate, 112 in. to 120 in.; and full size, greater than 120 in. [4] Gross vehicle weight greater than 26,000 lbs. [5] Tractor-trailer combination.

Source: U.S. National Highway Traffic Safety Administration, *Fatal Accident Reporting System,* annual.

No. 1045. Motor Vehicle Safety Defect Recalls, by Domestic and Foreign Manufacturers: 1973 to 1983

[Covers manufacturers reporting to U.S. National Highway Traffic Administration under section 151 of National Traffic and Motor Vehicle Safety Act of 1966, as amended]

MANUFACTURER	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Motor vehicles:												
Total recall campaigns [1]	**Number**	**251**	**247**	**217**	**209**	**246**	**271**	**275**	**187**	**156**	**135**	**140**
Domestic	Number	208	208	190	169	195	199	218	129	128	107	110
Foreign	Number	43	39	27	40	51	72	57	38	28	28	30
Total vehicles recalled	**1,000**	**7,000**	**2,877**	**2,109**	**3,492**	**12,923**	**9,063**	**8,919**	**4,863**	**9,405**	**1,914**	**6,114**
Domestic	1,000	6,667	2,345	1,829	3,019	10,693	7,921	6,997	3,939	7,379	1,401	3,090
Vehicles recalled by 4 leading auto manufacturers	1,000	6,477	2,194	1,602	2,854	10,331	7,670	6,989	3,730	7,247	1,324	3,021
Foreign	1,000	333	531	280	474	2,230	1,141	1,922	924	2,026	513	3,024
Motor vehicle tires:												
Recall campaigns [1]	Number	20	26	22	28	35	31	42	24	25	17	21
Tires recalled	1,000	132	1,094	72	464	471	14,686	235	7,070	125	131	95

[1] A recall compaign is the notification to the Secretary of the U.S. Dept. of Transportation and to owners, purchasers, and dealers, of a motor vehicle safety defect.

Source: U.S. National Highway Traffic Safety Administration, *Motor Vehicles Defect Recall Campaigns,* annual.

No. 1046. Motor Vehicle Travel, by Type of Vehicle, and Speed: 1970 to 1982

[**Travel in billions of vehicle-miles, except as indicated.** Travel estimates based on automatic traffic recorder data. Urban travel includes all travel in municipalities and urbanized areas. All other travel is classed as rural. Speed trend data for 1970–1975 were collected by several State highway agencies, normally during summer months; beginning Oct. 1975 all States have monitored speeds at locations on several highway systems as part of 55 mile per hour Speed Limit Monitoring Program. Minus sign (–) indicates decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 199–207]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total travel	**1,121**	**1,268**	**1,309**	**1,286**	**1,330**	**1,412**	**1,477**	**1,548**	**1,529**	**1,521**	**1,556**	**1,592**
Average annual percent change	[1] 4.8	6.4	3.2	–1.8	3.5	6.2	4.6	4.8	–1.2	–.5	2.3	2.3
Passenger cars [2]	901	1,004	1,037	1,013	1,051	1,098	1,141	1,194	1,163	1,130	1,125	1,149
Rural	406	436	444	427	441	462	475	501	478	459	460	463
Urban	495	568	592	586	610	637	666	694	684	671	665	686
Buses	5.0	5.1	5.0	5.1	5.1	5.8	5.9	6.1	6.1	6.4	6.5	6.6
Rural	2.8	3.0	2.9	3.0	3.0	3.2	3.2	3.2	3.2	3.3	3.0	3.1
Urban	2.2	2.1	2.1	2.1	2.2	2.6	2.7	2.9	2.9	3.1	3.5	3.6
Trucks and combinations	215	260	267	268	275	308	330	348	360	385	425	437
Rural	134	151	154	153	157	163	176	186	188	211	220	224
Urban	81	108	113	114	118	145	153	162	172	174	206	213
Average miles per vehicle (1,000):												
Passenger vehicles	9.8	10.0	9.8	9.2	9.4	9.5	9.6	9.8	9.3	8.9	8.7	8.9
Passenger cars [2]	9.8	10.0	9.6	9.2	9.4	9.5	9.6	9.8	9.2	8.9	8.7	8.9
Buses	13.3	12.6	11.7	11.3	11.1	12.0	12.0	12.1	11.7	12.1	12.0	11.9
Trucks	11.5	12.2	11.5	10.9	10.6	11.1	11.1	11.0	10.8	11.4	12.3	12.4
Motor vehicle speed: [3]												
Vehicles recorded (1,000)	200	160	161	203	102	515	500	468	506	667	3,048	4,895
Avg. speed, all vehicles (miles per hr)	63.8	64.9	65.0	57.6	57.6	58.2	58.8	58.8	58.3	57.5	57.9	59.0
Percent of vehicles exceeding—												
55 m.p.h	87	89	89	65	68	69	74	74	72	66	68	73
60 m.p.h	69	71	72	29	27	32	35	36	32	25	30	40
65 m.p.h	44	49	50	9	7	10	10	10	9	7	9	14

[1] Change from 1965. [2] Includes taxicabs and motorcycles. [3] For 1970–1979, based on free flow speed of vehicles recorded on level, straight sections of rural interstate highways during off-peak hours; beginning 1980, based on all vehicles on rural interstate highways. Beginning 1976, for year ending Sept. 30.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and unpublished data.

No. 1047. Domestic Motor Fuel Consumption, by Type of Vehicle: 1970 to 1982

[Comprises all fuels (gas, diesel, or other fuels) used for propulsion of vehicles under State motor fuels laws. Excludes Federal purchases for military use. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series Q 156–162]

YEAR	FUEL CONSUMPTION					AVERAGE FUEL CONSUMPTION PER VEHICLE (gal.)				AVERAGE MILEAGE PER GALLON			
	All vehicles (bil. gal.)	Avg. annual percent change [1]	Cars [2] (bil. gal.)	Buses [3] (bil. gal.)	Trucks [4] (bil. gal.)	All vehicles	Cars [2]	Buses [3]	Trucks [4]	All vehicles	Cars [2]	Buses [3]	Trucks [4]
1970	92.3	5.4	65.8	.9	25.6	830	722	2,491	1,365	12.14	13.58	5.34	8.39
1971	97.6	5.7	69.5	.9	27.1	838	723	2,382	1,368	12.16	13.73	5.38	8.38
1972	105.1	6.7	73.5	.9	30.7	859	730	2,165	1,446	12.07	13.67	5.60	8.59
1973	110.5	5.2	78.0	.8	31.6	851	736	1,991	1,361	11.85	13.29	5.66	8.45
1974	106.3	–3.8	74.2	.9	31.2	788	676	1,919	1,268	12.09	13.65	5.90	8.57
1975	109.0	2.5	76.5	.9	31.6	790	685	1,937	1,227	12.20	13.74	5.75	8.68
1976	115.7	6.2	78.8	1.0	35.9	807	685	2,015	1,292	12.20	13.93	5.98	8.58
1977	119.6	3.4	80.7	1.0	38.0	804	680	2,002	1,284	12.34	14.15	5.98	8.66
1978	125.1	4.6	83.8	1.0	40.3	813	688	2,041	1,270	12.38	14.26	5.95	8.64
1979	122.1	–2.4	80.2	1.0	40.9	765	638	1,966	1,225	12.52	14.49	5.97	8.82
1980	115.0	–5.8	73.7	1.1	40.1	711	579	2,034	1,194	13.23	15.32	5.95	9.56
1981	114.5	–.4	71.7	1.1	41.6	697	555	2,019	1,209	13.60	15.68	5.92	10.21
1982	113.4	–.9	69.7	1.1	42.5	686	539	2,003	1,207	14.05	16.48	5.93	10.27

[1] From prior year shown. For 1970, change from 1965. [2] Includes taxicabs and motorcycles. [3] Includes school buses. [4] Includes combinations.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1048. Domestic Motor Gasoline Supply: 1973 to 1984

[In 1,000 barrels per day, except as noted]

Year	Supply [1]			Production	Net imports	Stocks [2] (mil. bbls.)	Year and month	Supply [1]			Production	Net imports	Stocks [2] (mil. bbls)
	Total	Unleaded						Total	Unleaded				
		Total	Percent						Total	Percent			
1973, avg	6,674	(NA)	(NA)	6,535	130	209							
1974, avg	6,537	(NA)	(NA)	6,360	202	218	1983:						
1975, avg	6,675	(NA)	(NA)	6,520	182	235	March	6,836	3,622	53.0	5,906	163	223
1976, avg	6,978	1,508	21.6	6,841	128	231	*June*	6,984	3,792	54.2	6,655	255	223
1977, avg	7,177	1,976	27.5	7,033	215	258	Sept	6,727	3,691	54.9	6,611	265	229
1978, avg	7,412	2,521	34.0	7,169	189	238	Dec	6,846	3,966	57.9	6,308	199	222
1979, avg	7,034	2,798	39.8	6,852	181	237							
1980, avg	6,579	3,067	46.6	6,506	139	261	1984:						
1981, avg	6,588	3,264	49.5	6,405	155	253	March	6,512	3,747	57.5	6,375	334	243
1982, avg	6,539	3,409	52.1	6,338	177	235	June [3]	7,092	4,210	59.4	6,620	255	245
1983, avg	6,622	3,647	55.1	6,340	237	222							

NA Not available. [1] Production plus net imports less net increase in primary stocks. [2] End of year or month. [3] Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, June 1984, and earlier issues.

No. 1049. Gasoline Retail Prices—Selected Countries: 1973 to 1982

[In U.S. cents per U.S. gallon, except percent. As of July, except as indicated. Price includes tax except as noted. For most countries, based on exchange rates in effect as of July 31 of year shown. For explanation of average annual percent change, see Guide to *Tabular Presentation*]

Item	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
United States: [1] Regular unleaded	(NA)	(NA)	(NA)	61	66	67	90	125	138	133
Regular, leaded	40	53	57	59	62	63	86	119	131	126
Premium, leaded	45	57	61	64	67	69	92	128	144	145
Tax [2]	11	11	12	12	12	13	14	14	14	14
France, Paris: Regular	106	132	156	140	170	215	243	297	241	224
Tax	82	81	94	81	110	130	167	170	111	122
Premium	115	143	169	151	184	232	262	317	255	241
Italy, Rome: Regular	99	169	166	174	206	216	244	308	273	265
Tax	79	120	115	116	153	160	166	189	167	160
Premium	105	177	171	181	215	225	253	315	284	279
United Kingdom: Regular	78	104	127	104	118	114	218	260	262	(NA)
Tax [3]	48	45	41	44	43	47	70	124	136	(NA)
Premium	81	108	131	105	121	119	221	265	265	(NA)
Germany, F.R., Bonn: Regular	118	127	125	139	144	168	209	246	232	204
Tax [3]	72	65	65	65	73	81	91	123	111	82
Premium	131	137	134	148	154	176	219	257	242	215
Canada, Ottawa: Regular	49	57	66	66	69	67	71	81	116	129
Tax	19	19	23	29	28	26	24	25	31	32
Premium	53	62	67	72	75	73	78	89	126	140
Mexico, Mexico City: Regular	24	42	64	65	46	47	47	[4] 45	44	48
Tax	(NA)	(NA)	31	31	22	22	22	[4] 15	15	33
Premium	36	61	91	92	66	67	67	[4] 113	110	80
Japan, Tokyo: Regular	83	136	136	136	163	201	227	272	255	246
Tax [5]	42	45	45	57	61	87	95	93	95	80
Premium	98	155	163	151	178	223	246	289	272	261

NA Not available. [1] 1973 prices for regular and premium in Washington, DC; all other data are national averages. *Source:* 1973—Energy Information Administration, *International Energy Annual*; thereafter, *Monthly Energy Review*. [2] Source: PennWell Publishing Co., Tulsa, OK, *Oil and Gas Journal*, weekly. [3] Excludes value-added tax. [4] January 1981. [5] Excludes import duty.

Source: Except as noted, U.S. Energy Information Administration; Regular—*International Petroleum Annual*; Premium—*International Energy Annual*.

No. 1050. 12-Year Cost of Owning and Operating an Automobile, by Size of Car: 1984

[For basis of estimates for components of cost, see footnotes, table 1051. Estimates based on vehicle operated in Baltimore, MD area with an assumed life-span of 12 years, 120,000 miles]

Item	Total [1]	Taxes and fees	Costs, excl. taxes [1]	Depreciation	Repairs, maintenance	Tires	Gasoline	Insurance	Parking
Total costs ($1,000):									
Large [2]	36.8	2.6	34.2	11.5	6.2	.9	8.2	5.9	1.1
Intermediate [3]	33.4	2.2	31.2	10.3	5.4	.6	6.6	6.7	1.1
Compact [4]	28.0	1.9	26.1	8.8	4.8	.5	5.3	5.2	1.1
Subcompact [5]	27.2	1.8	25.4	7.0	5.3	.4	5.1	5.9	1.1
Passenger van [6]	47.1	3.3	43.7	12.7	6.9	.9	10.7	10.6	1.1
Cents per mile cost:									
Large [2]	30.6	2.1	28.4	9.6	5.1	.7	6.8	4.9	.9
Intermediate [3]	27.8	1.8	26.0	8.6	5.4	.5	5.5	5.6	.9
Compact [4]	23.3	1.5	21.7	7.3	3.9	.4	4.4	4.3	.9
Subcompact [5]	22.7	1.4	21.2	5.8	4.4	.4	4.3	4.9	.9
Passenger van [6]	39.2	2.7	36.4	10.6	5.8	.7	8.9	8.9	.9

[1] Includes accessories and oil. [2] Fully equipped 4-door sedan, price $11,554. [3] 2-door coupe, price $10,320. [4] 4-door sedan, price $8,799. [5] 5-door (hatchback), price $7,024. [6] Passenger van, price $12,788.

Source: U.S. Federal Highway Administration, *Cost of Owning and Operating Automobiles and Vans*, periodic.

NO. 1051. ESTIMATED COST OF OWNING AND OPERATING AN AUTOMOBILE: 1970 TO 1984

[1984 estimates based on an automobile operated from the Baltimore, MD area, costing $11,554, large car, and $8,799, compact car, with an assumed life-span of 12 years, 120,000 miles. Prior years based on life-span of 10 years, 100,000 miles. Similar specifications used in other years shown]

ITEM	TOTAL COSTS ($1,000)				CENTS PER MILE COST, 1984 (January)						
	1970	1976	1981	1984	12-year average	1st year (14,500 miles)	3d year (12,500 miles)	5th year (10,300 miles)	7th year (9,200 miles)	10th year (7,800 miles)	12th year (6,700 miles)
LARGE SIZE 4-DOOR SEDAN											
Total	**11.9**	**17.9**	**32.0**	**36.8**	**30.62**	**38.46**	**31.23**	**38.96**	**36.28**	**21.90**	**19.69**
Costs excluding taxes	10.5	16.3	30.2	34.2	28.48	33.01	29.60	37.34	34.37	20.25	18.04
Depreciation	3.2	4.9	9.2	11.5	9.63	19.86	12.36	9.28	7.69	3.97	2.24
Repairs and maintenance [1]	1.5	3.7	6.2	6.2	5.15	.69	3.92	12.87	13.32	2.10	.87
Replacement tires [2]	.4	.4	.9	.9	.67	.13	.22	.94	.94	.94	.94
Accessories [3]	(Z)	.1	.2	.2	.17	.10	.10	.11	.23	.24	.24
Gasoline [4]	1.7	3.2	8.6	8.2	6.85	6.85	6.85	6.85	6.85	6.85	6.85
Oil [4]	.2	.2	.2	.2	.13	.06	.13	.19	.12	.16	.08
Insurance [5]	1.7	1.7	4.0	5.9	4.94	4.38	5.08	6.16	4.28	5.05	5.88
Garaging, parking, etc. [6]	1.8	2.2	.9	1.1	.94	.94	.94	.94	.94	.94	.94
Taxes and fees [7]	1.4	1.6	1.8	2.6	2.14	5.45	1.63	1.62	1.91	1.65	1.65
COMPACT CAR											
Total	(NA)	**14.6**	**25.7**	**28.0**	**23.31**	**24.74**	**21.69**	**24.92**	**33.90**	**19.86**	**20.55**
Costs excluding taxes	(NA)	13.5	24.3	26.1	21.73	20.70	20.57	23.63	32.40	18.71	19.37
Depreciation	(NA)	3.8	7.1	8.8	7.33	11.00	8.04	6.69	5.96	6.32	6.87
Repairs and maintenance [1]	(NA)	3.0	5.2	4.8	3.92	.31	2.48	5.44	16.26	1.19	.62
Replacement tires [2]	(NA)	.4	.6	.5	.43	.09	.08	.55	.54	.82	.82
Accessories [3]	(NA)	.1	.2	.2	.19	.12	.12	.13	.25	.26	.26
Gasoline [4]	(NA)	2.9	6.1	5.3	4.48	4.48	4.48	4.48	4.48	4.48	4.48
Oil [4]	(NA)	.2	.2	.2	.13	.06	.13	.19	.11	.15	.08
Insurance [5]	(NA)	1.6	4.0	5.2	4.31	3.70	4.30	5.21	3.86	4.55	5.30
Garaging, parking, etc. [6]	(NA)	2.1	.9	1.1	.94	.94	.94	.94	.94	.94	.94
Taxes and fees [7]	(NA)	1.1	1.4	1.9	1.58	4.04	1.12	1.29	1.50	1.16	1.18

NA Not available. Z Less than $50. [1] For 1984, includes lubrications, repacking wheel bearings, flushing cooling system, aiming headlamps; replacement of minor parts such as spark plugs, fan belts, radiator hoses, fuel filter, and pollution control equipment; minor repairs such as brake jobs, water pump, carburetor overhaul, and universal joints; and major repairs such as a complete "valve job." [2] For 1984, covers 8 new regular tires and 2 new snow tires during life of car. [3] For 1984, includes a set of vinyl floor mats, seat covers, and a pair of extra wheels. [4] For 1984, gasoline use set at 17 miles per gallon for large size sedan and 26 miles per gallon for compact car; associated oil use at 1 quart oil every 2,500 miles driven between 50,000 and 75,000 miles and 1 quart every 2,000 miles driven between 75,000 and 120,000 miles. [5] For 1984, includes $20,000/$40,000 bodily injury, and $10,000 property damage, $2,500 personal injury protection, uninsured motorist coverage, and full comprehensive coverage for the 12-year period; $100 deductible collision insurance was assumed for the first 5 years. [6] For 1984, includes parking fee average of $85.20 per year and toll average of $8.85 per year. Begining 1981, excludes cost of home garage or parking facility which was included in prior years. [7] For 1984, Federal tax on gasoline of 9 cents per gallon; plus the Maryland tax on gasoline of 13.5 cents per gallon, titling tax of 5 percent of retail price, and registration fee of $20.00 for 3,700 lb. or less shipping weight, or $30.00 for vehicles over 3,700 lb. State sales tax of 5 percent included on certain items.

Source: U.S. Federal Highway Administration, *Cost of Owning and Operating Automobiles and Vans*, periodic.

NO. 1052. HOUSEHOLD MOTOR VEHICLE TRANSPORTATION, BY VEHICLE MODEL YEAR: 1983

[Preliminary data. Household vehicles include all motorized vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. Based on the Residential Transportation Energy Consumption Survey; subject to sampling variability]

HOUSEHOLD CHARACTERISTICS	VEHICLES (millions)				MILES PER GALLON			
	Total	Model year			Average	Model year		
		1973 and earlier	1974 to 1978	1979 and later		1973 and earlier	1974 to 1978	1979 and later
Total	**129.3**	**35.2**	**48.4**	**44.8**	**15.1**	**12.7**	**13.7**	**16.6**
Northeast	23.9	5.3	9.1	9.3	15.6	12.9	13.7	19.1
Midwest	32.5	7.8	13.1	11.6	14.8	12.1	13.3	16.4
South	45.1	12.1	17.1	15.5	15.0	12.7	13.7	16.2
West	27.7	10.0	9.1	8.5	15.4	12.9	14.5	19.0
In metropolitan areas	96.3	25.7	35.9	34.2	15.3	12.5	13.9	16.7
Outside metropolitan areas	32.9	9.5	12.5	10.6	14.8	13.1	13.1	16.2
Family income:								
Less than $5,000	4.1	2.0	1.3	.8	14.2	12.1	14.7	16.6
$5,000–$9,999	14.4	5.5	5.6	3.1	13.9	12.2	13.5	17.4
$10,000–$14,999	16.1	5.5	6.2	4.3	14.7	12.6	13.8	16.9
$15,000–$19,999	16.4	5.1	6.8	4.4	14.0	11.9	13.0	16.4
$20,000–$24,999	15.4	4.0	5.7	5.7	15.3	13.1	13.7	16.5
$25,000–$34,999	28.3	6.6	10.9	10.7	15.6	13.1	13.8	16.6
$35,000 or more	34.6	6.5	12.0	15.9	16.1	13.2	14.0	16.7

Source: U.S. Energy Information Administration, *Residential Transportation Energy Consumption Survey, Consumption Patterns of Household Vehicles*, 1983.

No. 1053. Household Motor Vehicle Fuel Consumption and Expenditures, by Household Characteristics: 1983

[Excludes Alaska and Hawaii. Household vehicles include all motorized-vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. Based on the Residential Transportation Energy Consumption Survey; subject to sampling variability]

Household characteristics	Households with motor vehicles [1] (mil.)	Vehicles		Miles driven		Motor fuel expenditures	
		Number (mil.)	Number per household	Total (bil.)	Number per household	Total (bil. dol.)	Average per household
Total	**72.2**	**129.3**	**1.8**	**1,215**	**16,830**	**95.1**	**$1,317**
Northeast	13.9	23.9	1.7	227	16,324	17.5	1,254
Midwest	18.3	32.5	1.8	298	16,299	24.0	1,314
South	24.7	45.1	1.8	436	17,689	34.2	1,385
West	15.3	27.7	1.8	254	16,541	19.5	1,269
In metropolitan areas	54.2	96.3	1.8	909	16,768	70.4	1,299
Outside metropolitan areas	18.0	32.9	1.8	306	17,018	24.7	1,374
Family income:							
Less than $5,000	3.2	4.1	1.3	33	10,280	2.7	852
$5,000-$9,999	9.8	14.4	1.5	118	11,975	10.0	1,020
$10,000-$14,999	10.5	16.1	1.5	144	13,682	11.6	1,104
$15,000-$19,999	9.7	16.4	1.7	147	15,226	12.4	1,277
$20,000-$24,999	8.7	15.4	1.8	144	16,645	11.2	1,287
$25,000-$34,999	14.7	28.3	1.9	282	19,252	21.4	1,461
$35,000 or more	15.6	34.6	2.2	347	22,167	25.8	1,650

[1] As of July 1983.

Source: *U.S. Energy Information Administration, Residential Transportation Energy Consumption Survey, Consumption Patterns of Household Vehicles,* 1983.

No. 1054. Principal Means of Transportation to Work—Selected Metropolitan Areas: 1980

[**Workers 16 years old and over.** Covers SMSA's with population of 1 million or more]

Metropolitan area	Workers (1,000)	Percent using—				Metropolitan area	Workers (1,000)	Percent using—			
		Car, truck, or van		Public transportation [1]	Other means [2]			Car, truck, or van		Public transportation [1]	Other means [2]
		Drive alone	Carpool					Drive alone	Carpool		
Anaheim-Santa Ana-Garden Grove, CA	962	74.8	16.1	2.1	7.0	*Minneapolis-St. Paul, MN-WI*	1,046	63.1	19.9	8.7	8.3
Atlanta, GA	948	68.7	19.6	7.6	4.1	Nassau-Suffolk, NY	1,140	63.7	17.6	12.5	6.2
Baltimore, MD	967	59.8	22.3	10.3	7.7	New Orleans, LA	485	61.7	20.6	10.9	6.8
Boston, MA	*1,308*	*56.0*	*17.0*	*15.7*	*11.3*	New York, NY-NJ	3,792	30.7	11.6	45.1	12.6
Buffalo, NY	500	66.6	18.6	6.6	8.2	Newark, NJ	879	64.0	17.9	10.7	7.4
Chicago, IL	3,163	57.6	16.7	18.0	7.7	Philadelphia, PA-NJ	1,959	59.1	17.6	14.0	9.2
Cincinnati, OH-KY-IN	588	68.8	18.8	6.5	5.8	Phoenix, AZ	659	70.2	19.0	2.0	8.9
Cleveland, OH	820	67.9	16.0	10.6	5.5	Pittsburgh, PA	912	60.7	19.4	11.5	8.4
Columbus, OH	488	70.3	18.2	4.6	6.8	Portland, OR-WA	568	65.3	18.0	8.4	8.2
Dallas-Fort Worth, TX	1,465	71.2	20.6	3.4	4.8	Riverside-San Bernardino-Ontario, CA	614	71.9	18.3	0.9	8.9
Denver-Boulder, CO	809	65.4	20.2	6.1	8.3	Sacramento, CA	435	69.0	17.6	3.5	9.9
Detroit, MI	1,710	75.1	16.9	3.7	4.3	St. Louis, MO-IL	1,004	67.3	21.4	5.7	5.6
Fort Lauderdale-Hollywood, FL	424	73.7	18.1	2.0	6.2	San Antonio, TX	450	66.9	19.9	4.6	8.6
Houston, TX	1,415	69.5	22.4	3.0	5.0	San Diego, CA	855	63.8	17.4	3.3	15.5
Indianapolis, IN	523	70.3	21.0	3.2	5.5	San Francisco-Oakland, CA	1,582	57.9	15.7	16.4	9.9
Kansas City, MO-KS	618	69.3	21.5	4.1	5.1	San Jose, CA	650	72.5	16.6	3.1	7.9
Los Angeles-Long Beach, CA	3,374	68.7	16.8	7.0	7.5	Seattle-Everett, WA	776	63.9	18.2	9.6	8.3
Miami, FL	726	67.4	19.6	6.6	6.4	Tampa-St. Petersburg, FL	606	72.0	18.4	1.8	7.8
Milwaukee, WI	642	65.0	19.0	7.7	8.3	Washington, DC-MD-VA	1,553	53.7	22.9	15.5	7.9

[1] Includes bus or streetcar, subway or elevated train, railroad, and taxicab. [2] Includes motorcycle, bicycle, walked only, worked at home, and all other modes not specified.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter C (PC80-1-C).

NO. 1055. PLACES OF WORK AND RESIDENCE AND PUBLIC TRANSPORTATION USE, FOR SELECTED CITIES: 1980

[Cities ranked by size of population enumerated as of April 1. Workers 16 years old and over]

CITY	WORKERS LIVING IN CITY				WORKERS WORKING IN CITY		PERCENT COMMUTING		Net worker movement [4] (1,000)	Worker/resident ratio [5]
	Total (1,000)	Place of work reported: Inside city (1,000)	Place of work reported: Outside city (1,000)	Percent using public transp. [1]	Total (1,000)	Living outside city (1,000)	Out of city [2]	Into city [3]		
New York, NY	2,500	2,344	156	55.8	2,976	632	6.22	21.24	476	1.191
Chicago, IL	1,050	850	200	32.4	1,273	422	19.02	33.19	223	1.212
Los Angeles, CA	1,221	875	346	10.8	1,416	541	28.37	38.22	195	1.159
Philadelphia, PA	553	474	79	30.2	698	224	14.35	32.13	145	1.262
Houston, TX	710	632	78	4.8	930	298	10.98	32.01	220	1.309
Detroit, MI	330	214	116	11.8	425	211	35.20	49.59	94	1.285
Dallas, TX	409	337	72	8.3	602	265	17.64	44.02	193	1.471
San Diego, CA	387	307	80	4.3	449	142	20.72	31.62	62	1.159
Phoenix, AZ	326	269	57	2.7	362	93	17.49	25.68	36	1.110
Baltimore, MD	259	197	62	25.4	388	191	24.05	49.22	129	1.496
San Antonio, TX	292	267	25	6.0	350	83	8.55	23.82	59	1.201
Indianapolis, IN	293	261	32	5.0	366	104	10.86	28.46	72	1.246
San Francisco, CA	295	252	43	38.5	459	206	14.43	44.98	164	1.555
Memphis, TN	238	221	17	6.4	285	64	7.17	22.57	47	1.199
Washington, DC	254	206	49	30.0	594	388	19.13	65.36	340	2.334
Milwaukee, WI	253	184	69	14.3	307	122	27.11	39.85	54	1.212
San Jose, CA	269	129	141	3.3	201	72	52.27	35.96	−69	.745
Cleveland, OH	186	130	55	19.5	342	212	29.72	61.87	156	1.843
Columbus, OH	232	187	45	7.3	303	116	19.26	38.30	72	1.309
Boston, MA	221	165	56	33.7	421	256	25.17	60.81	201	1.909
New Orleans, LA	189	156	33	21.0	244	88	17.27	35.94	55	1.291
Jacksonville, FL	217	201	16	5.4	234	33	7.48	14.20	17	1.078
Seattle, WA	229	192	37	19.3	359	168	16.28	46.68	131	1.570
Denver, CO	221	165	55	10.2	363	197	25.08	54.41	142	1.643
Nashville-Davidson, TN	193	171	22	5.4	232	61	11.60	26.35	39	1.200
St. Louis, MO	150	113	37	18.6	315	201	24.43	63.97	165	2.097
Kansas City, MO	189	141	47	9.4	280	139	25.13	49.58	92	1.485
El Paso, TX	149	140	9	4.2	158	18	6.26	11.57	9	1.060
Atlanta, GA	151	111	40	24.5	336	226	26.69	67.11	185	2.229
Pittsburgh, PA	156	122	33	28.3	310	187	21.33	60.50	154	1.992
Oklahoma City, OK	171	153	18	1.8	253	100	10.40	39.58	82	1.483
Cincinnati, OH	141	105	36	15.0	258	153	25.74	59.33	117	1.826
Fort Worth, TX	163	124	39	3.6	211	86	23.65	40.98	48	1.294
Minneapolis, MN	171	110	60	21.8	257	146	35.37	57.03	86	1.504
Portland, OR	153	125	28	15.9	274	148	18.06	54.23	121	1.790
Honolulu, HI	169	153	16	13.5	230	77	9.23	33.49	62	1.365
Long Beach, CA	146	68	78	6.2	146	79	53.64	53.75	–	1.002
Tulsa, OK	162	146	16	3.2	209	63	9.95	30.10	47	1.288
Buffalo, NY	117	87	30	17.0	188	101	25.96	53.76	70	1.601
Toledo, OH	128	106	22	5.0	159	53	17.43	33.53	31	1.242
Miami, FL	134	88	46	13.8	314	226	34.44	72.08	180	2.348
Austin, TX	160	150	10	4.4	200	51	6.14	25.21	41	1.255
Oakland, CA	124	65	59	21.6	166	101	47.26	60.84	42	1.340
Albuquerque, NM	137	123	14	3.0	158	35	9.95	22.15	21	1.157
Tucson, AZ	133	109	24	3.9	157	48	17.87	30.64	24	1.184
Newark, NJ	87	45	42	26.4	146	101	47.89	68.99	59	1.681
Charlotte, NC	138	122	16	6.0	192	70	11.69	36.35	54	1.388
Omaha, NE	135	122	13	7.2	189	67	9.68	35.31	54	1.396
Louisville, KY	108	81	27	10.6	205	124	25.19	60.64	97	1.900
Birmingham, AL	103	78	25	6.7	180	102	24.12	56.79	78	1.756
Wichita, KS	127	105	21	2.6	139	33	16.80	24.11	12	1.096
Sacramento, CA	99	75	24	5.3	190	115	24.47	60.66	91	1.920
Tampa, FL	103	84	19	3.2	185	100	18.05	54.36	82	1.796
St. Paul, MN	116	79	37	15.0	183	104	32.19	56.98	67	1.576
Norfolk, VA	113	73	40	8.0	147	74	34.99	50.01	34	1.300
Virginia Beach, VA	119	60	58	1.7	78	17	49.08	21.97	−41	.653
Rochester, NY	91	70	22	14.6	195	125	23.68	64.28	104	2.137
St. Petersburg, FL	85	58	27	3.7	86	29	32.04	33.14	1	1.016
Akron, OH	85	60	25	4.6	118	58	29.11	48.94	33	1.388
Corpus Christi, TX	88	80	8	1.4	93	12	9.15	13.44	4	1.050
Jersey City, NJ	76	37	39	34.1	72	34	51.25	48.13	−5	.940
Baton Rouge, LA	84	68	17	2.2	120	52	19.74	43.63	36	1.424
Anaheim, CA	102	37	65	2.2	117	80	63.87	68.57	15	1.150
Richmond, VA	89	71	18	17.0	179	108	19.85	60.36	91	2.022

– Represents zero. [1] Includes workers using bus or streetcar, subway or elevated train, railroad, or taxicab. [2] Percent of workers living in the city with place of work reported who commute to a place of work outside the city. [3] Percent of workers working in the city who commute in from a residence outside the city. [4] Minus sign (−) indicates an outflow of workers. [5] Number of persons reported as working in the city divided by the number of workers residing in the city whose place of work was reported.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C), and unpublished data.

No. 1056. Passenger Transit Industry—Summary: 1960 to 1982

[Beginning 1970, includes Puerto Rico. Comprises all privately and publicly owned organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (*a*) local motorbus lines, (*b*) light rail lines, (*c*) heavy rail lines, and (*d*) trolley coach lines. Based on financial and statistical reports received by American Public Transit Association from transit systems representing more than 85 percent of the industry. See also *Historical Statistics, Colonial Times to 1970*, series Q 238–250]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982, prel.
Operating systems	**Number**	1,251	1,148	1,079	947	1,018	1,027	1,044	1,035	1,034
Motorbus systems [1]	Number	1,236	1,145	1,075	941	1,014	1,023	1,040	1,030	1,029
Publicly owned systems [1]	*Number*	54	78	144	333	463	523	576	578	581
Passenger vehicles owned	**Number**	65,292	61,717	61,350	62,226	64,013	65,739	70,983	72,063	73,803
Motorbuses	Number	49,600	49,600	49,700	50,611	52,666	54,490	59,411	60,393	62,114
Electric railway cars [2 3]	Number	11,866	10,664	10,600	10,712	10,554	10,524	10,749	10,919	10,926
Heavy rail	Number	9,010	9,115	9,338	9,608	9,567	9,522	9,693	9,801	9,867
Trolley coaches	*Number*	3,826	1,453	1,050	703	593	725	823	751	763
Total revenue	**Mil. dol**	(NA)	(NA)	(NA)	3,451	4,682	5,558	6,510	7,366	8,044
Operating revenue	Mil. dol	1,407	1,444	1,707	2,002	2,381	2,524	2,663	2,784	3,152
Nonoperating revenue [4]	Mil. dol	(NA)	(NA)	(NA)	41	69	124	142	261	305
Operating assistance	Mil. dol	(NA)	(NA)	(NA)	1,408	2,232	2,910	3,705	4,321	4,587
Federal	Mil. dol	(NA)	(NA)	(NA)	302	690	856	1,094	1,095	1,005
State and local	Mil. dol	(NA)	(NA)	(NA)	1,106	1,542	2,055	2,611	3,226	3,582
Total expense	**Mil. dol**	1,377	1,454	1,996	3,752	4,789	5,611	6,711	7,623	8,324
Operating expense	Mil. dol	(NA)	(NA)	(NA)	3,537	4,539	5,232	6,246	7,024	7,563
Transportation	Mil. dol	(NA)	(NA)	(NA)	1,877	2,508	2,735	3,248	3,596	3,887
Maintenance	Mil. dol	(NA)	(NA)	(NA)	814	1,069	1,469	1,774	1,946	2,171
Administration	Mil. dol	(NA)	(NA)	(NA)	846	962	1,028	1,224	1,482	1,505
Reconciling expense	Mil. dol	(NA)	(NA)	(NA)	215	250	380	464	597	761
Vehicle-miles operated [5]	**Million**	2,143	2,008	1,883	1,990	2,026	2,045	2,095	2,137	2,132
Motorbus	Million	1,576	1,526	1,409	1,526	1,630	1,634	1,677	1,685	1,669
Electric railway [2 3]	Million	466	437	441	448	384	400	405	440	450
Heavy rail	Million	391	395	407	423	364	380	385	420	429
Passengers carried [5 6]	**Million**	9,395	8,253	7,332	6,972	7,944	8,543	8,671	8,409	8,085
Motorbus [6]	Million	6,425	5,814	5,034	5,084	5,632	6,081	6,277	6,025	5,705
Electric railway [3 6]	Million	2,313	2,134	2,116	1,810	2,246	2,340	2,256	2,256	2,233
Revenue passengers carried	**Million**	7,521	6,798	5,932	5,643	5,963	6,370	6,447	6,278	6,038
Motorbus	Million	5,069	4,730	4,058	4,095	4,406	4,746	4,871	4,656	4,417
Electric railway [2 3]	Million	2,005	1,882	1,746	1,493	1,506	1,569	1,504	1,543	1,528
Heavy rail	Million	1,670	1,678	1,574	1,388	1,415	1,474	1,410	1,444	1,433
Trolley coach	Million	447	186	128	56	51	55	72	79	93
Average fares	**Cents**	17.8	19.7	27.6	33.0	38.1	36.2	39.7	43.0	51.0
Employees, number (avg.) [7]	**1,000**	156	145	138	160	165	179	189	194	197
Payroll, employee	Mil. dol	857	964	1,274	2,236	2,741	3,025	3,280	3,494	3,736

NA Not available. [1] Includes systems with combined services including motorbuses, heavy rail cars, light rail cars, trolley coaches, cable cars, and inclined plane cars. [2] Includes light rail. [3] Beginning 1975, includes cable car and inclined plane. [4] Includes auxiliary income. [5] Includes trolley coach, not shown separately. [6] Data for 1960–1975 not comparable with later years. [7] Beginning 1979, includes part-time employees counted individually.

Source: American Public Transit Association, Washington, DC, *Transit Fact Book*, annual.

No. 1057. Federal Grant Approvals for Mass Transportation: 1970 to 1982

[**In millions of dollars.** For years ending **June 30** through **1976** except, beginning **1977**, ending **Sept. 30**. Excludes direct Congressional authorizations to States or localities (major example is Washington, DC's Metro System). Mass transportation is defined as transportation by bus, or rail or other conveyance, either publicly or privately owned which provides to the public general or special service (excluding school buses, charter and sightseeing service) on a regular and continuing basis]

TYPE OF GRANT	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total grant approvals	133	864	956	1,430	1,843	2,296	2,722	2,970	3,908	4,076	3,600
Capital grant approvals	133	864	956	1,287	1,479	1,724	2,037	2,102	2,787	2,946	2,544
Section 3 [1]	133	864	870	1,197	1,092	1,250	1,400	1,225	1,655	1,925	1,635
Section 5 [1]	(X)	(X)	(X)	9	26	39	50	256	431	361	298
Interstate and urban system [2]	(X)	(X)	86	81	361	434	587	621	701	660	612
Operating grant approvals, Section 5 [1]	(X)	(X)	(X)	143	364	572	685	868	1,121	1,130	1,056

X Not applicable. [1] Grants allowed under Urban Mass Transportation Act of 1964 as amended. Section 3 grants are discretionary grants awarded upon application by local authorities. Section 5 grants are formula grants awarded to cities meeting certain criteria. [2] Grants under Federal Highway Act of 1973.

Source: American Public Transit Association, Washington, DC, *Transit Fact Book*, annual. Data from U.S. Urban Mass Transportation Administration.

No. 1058. Class I Intercity Motor Carriers of Property, by Carrier: 1975 to 1982

[See headnote, table 1059. Common carriers are carriers offering regular scheduled service. Contract carriers provide service at request of user. Minus sign (–) indicates loss]

ITEM	Unit	1975	1980	1981	1982	1975	1980	1981	1982
		COMMON CARRIER, GENERAL FREIGHT				COMMON CARRIER OTHER THAN GENERAL FREIGHT			
Carriers reporting	Number	368	298	261	274	330	441	403	554
Number of employees, average	1,000	379	413	392	361	94	101	92	98
Compensation of employees	Mil. dol	5,726	9,803	10,228	9,649	1,046	1,931	1,917	2,081
Operating revenues	Mil. dol	11,116	19,725	20,692	19,499	3,907	8,792	8,870	9,242
Intercity freight	Mil. dol	10,511	19,480	20,452	19,284	3,717	8,339	8,491	8,807
Operating expenses	Mil. dol	10,571	18,870	19,821	18,887	3,758	8,426	8,536	9,044
Ordinary income before taxes	Mil. dol	432	701	760	536	109	230	238	84
Net income	Mil. dol	225	–72	588	264	65	14	200	50
Total power units, intercity service	1,000	78	102	97	105	69	95	93	98
Trucks, tractors owned in operation, avg	1,000	49	73	68	76	25	33	31	33
Intercity vehicle-miles	Million	6,246	6,547	6,230	5,528	4,776	6,889	6,680	7,034
Tons of intercity revenue freight carried	Million	191	178	162	137	264	324	308	317
		CONTRACT CARRIER OTHER THAN GENERAL FREIGHT				CARRIERS OF HOUSEHOLD GOODS			
Carriers reporting	Number	50	69	50	90	32	28	27	40
Number of employees, average	1,000	10	14	11	17	4	10	7	9
Compensation of employees	Mil. dol	175	336	299	445	70	157	114	162
Operating revenues	Mil. dol	453	1,272	1,037	1,548	866	1,824	1,903	1,975
Intercity freight	Mil. dol	411	1,172	964	1,407	765	1,676	1,784	1,815
Operating expenses	Mil. dol	432	1,207	999	1,488	849	1,781	1,857	1,938
Ordinary income before taxes	Mil. dol	17	48	29	47	32	74	76	70
Net income	Mil. dol	9	28	21	31	18	42	52	47
Total power units, intercity service	1,000	8	13	11	15	18	25	27	27
Trucks, tractors owned in operation, avg	1,000	5	7	6	8	(Z)	1	1	1
Intercity vehicle-miles	Million	454	934	705	1,069	688	969	939	948
Tons of intercity revenue freight carried	Million	21	37	27	34	3	5	5	5

Z Less than 500.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 2, annual.

No. 1059. Class I Intercity Motor Carriers of Passengers: 1970 to 1982

[Carriers subject to ICC regulations. See text, p. 586. See also *Historical Statistics, Colonial Times to 1970*, series Q 69-75]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Carriers reporting [1]	Number	71	81	77	78	42	43	45	48	45	50
Number of employees, average	1,000	34	36	31	32	27	26	27	31	31	30
Compensation of employees	Mil. dol	317	415	383	446	400	412	469	599	630	646
Operating revenue	Mil. dol	722	933	942	975	969	[2] 1,021	1,200	1,397	1,453	1,447
Passenger revenue [3]	Mil. dol	524	662	651	645	655	671	802	947	993	969
Special bus revenue and other	Mil. dol	198	271	291	(NA)	314	345	398	215	202	229
Expenses	Mil. dol	639	859	880	937	924	983	1,143	1,318	1,381	1,416
Net operating revenue	Mil. dol	83	74	61	37	45	38	57	79	72	30
Ordinary income:											
Before income taxes	Mil. dol	86	93	83	49	58	57	57	107	88	35
After income taxes	Mil. dol	52	61	56	32	40	41	57	90	61	37
Passenger vehicles in service [3]	1,000	13.3	13.8	9.7	(NA)	8.3	8.5	8.2	8.6	8.4	8.1
Vehicle-miles, passenger	Million	871	886	835	(NA)	754	726	754	781	732	717
Revenue passengers carried	Million	174	169	147	(NA)	122	118	122	134	114	112
Expense per vehicle-mile	Dollar	.73	.97	1.05	(NA)	1.23	1.35	1.52	1.69	1.89	1.98

NA Not available. [1] Excludes carriers preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers. [2] Includes $4 million from Government authorities for current operations. [3] Regular route, intercity and local.

Source: U.S. Interstate Commerce Commission, 1970, *Transport Statistics in the United States*, Part 7, and 1974–1982, Part 2, annual; except 1976, *Financial and Operating Statistics, Class I Motor Carriers of Passengers*, statement No. 750, semiannual. (Discontinued in 1979.)

No. 1060. Intercity Bus Lines—Summary of Operations: 1970 to 1983

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Operating companies	Number	1,000	950	1,000	1,050	1,100	1,200	1,330	1,420	1,520	2,600
Buses	1,000	22.0	20.5	20.1	20.1	20.4	21.3	21.4	21.2	21.1	23.0
Miles of highway served (Dec. 31) [1]	1,000	267	274	276	276	278	280	279	273	270	265
Employees (Dec. 31) [2]	1,000	50	47	46	46	46	48	49	49	49	50
Bus miles, total	Million	1,209	1,126	1,118	1,118	1,100	1,153	1,162	1,136	1,120	1,130
Revenue passengers	Million	401	351	340	329	336	368	365	375	370	365
Revenue passenger-miles	Billion	25.3	25.4	25.1	26.0	25.6	27.7	27.4	27.1	26.9	26.5
Operating revenue, all services	Mil. dol	901	1,172	1,232	1,331	1,419	1,664	1,943	2,075	2,072	2,100
Operating expenses	Mil. dol	812	1,103	1,180	1,276	1,366	1,572	1,811	1,963	2,015	2,065
Net operating revenue [3]	Mil. dol	89	69	52	55	53	92	132	112	57	35

[1] Includes duplication between carriers. [2] Operating companies only. [3] Before income taxes.

Source: American Bus Association, Washington, DC, *Bus Facts*, annual, and *Annual Report*.

No. 1061. Railroads, Class I—Summary Statistics: 1960 to 1983

[As of **Dec. 31**, or **calendar year** data, *except as noted*. Compiled from annual reports of class I railroads only, except where noted. Minus sign (–) indicates deficit. See also *Historical Statistics, Colonial Times to 1970*, series Q 284–312, Q 330, Q 356–363, and Q 367–377]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Class I line-hauling companies [1]	Number	106	76	71	73	41	41	39	38	33	31
Employees [2]	1,000	780	640	566	494	491	503	460	457	397	[3] 348
Compensation	Mil. dol	4,894	4,793	5,711	7,475	9,701	10,904	11,318	11,650	11,021	[3] 10,345
Average per hour	Dollars	2.72	3.06	4.14	6.39	8.43	9.22	10.21	11.14	12.26	(NA)
Average per year	Dollars	6,444	7,490	10,086	15,324	20,573	22,585	24,659	26,698	29,087	(NA)
Mileage:											
Railroad line owned [4]	1,000	218	212	206	199	191	185	179	168	165	(NA)
Railroad track owned [5]	1,000	359	345	336	324	310	300	290	278	275	(NA)
Equipment:											
Locomotives in service	1,000	29,080	27,816	27,086	28,210	27,400	26,097	28,396	27,808	27,073	[3] 26,220
Average horsepower	1,000 lb	(NA)	(NA)	1,926	2,121	2,140	2,188	2,302	2,326	2,341	(NA)
Cars in service:											
Passenger-train	Number	28,305	21,327	11,177	6,471	4,493	4,241	4,947	3,945	3,736	(NA)
Freight train [6]	1,000	1,965	1,801	1,784	1,724	1,653	1,700	1,711	1,673	1,588	1,543
Freight cars	1,000	1,690	1,515	1,454	1,359	1,227	1,217	1,168	1,111	1,039	1,007
Average capacity [7]	Tons	55.4	59.7	67.1	72.9	76.9	77.7	78.5	80.5	81.6	[3] 82.4
Aggregate capacity	Mil. tons	91.9	88.3	95.6	99.2	94.4	94.6	92.7	89.4	84.8	[3] 83.0
Box	1,000	700	593	590	475	384	360	347	314	278	271
Gondola and hopper	1,000	831	754	724	680	647	645	636	621	594	577
Other	1,000	159	168	140	204	196	192	185	176	167	159
Income and expenses:											
Operating revenues	Mil. dol	9,514	10,208	11,992	16,402	21,721	25,219	28,103	30,899	27,504	[3] 26,726
Operating expenses	Mil. dol	7,565	7,850	11,478	15,936	21,043	23,994	26,250	26,587	26,490	[3] 24,965
Tax accruals	Mil. dol	999	917	1,069	1,706	2,142	2,412	2,578	3,330	2,508	(NA)
Interest on funded debt	Mil. dol	313	332	497	623	739	789	933	1,056	1,019	[3] 953
Net income	Mil. dol	445	815	227	144	307	938	1,192	2,041	1,152	[3] 1,217
Net railway operating income	Mil. dol	584	962	486	351	427	837	1,312	1,361	742	[3] 1,296
Rate of return on average *net investment*	Percent	2.13	3.69	1.73	1.20	1.52	2.87	4.13	3.98	2.11	[3] 3.72
Balance sheet:											
Total property investment	Mil. dol	31,802	31,532	38,213	40,344	38,935	40,498	43,923	46,619	47,311	(NA)
Accrued depreciation and amortization	Mil. dol	8,465	7,711	10,027	10,605	10,141	10,227	10,706	11,622	12,051	(NA)
Net investment	Mil. dol	23,336	23,821	28,186	29,740	28,794	30,271	33,217	34,997	35,260	[3] 34,855
Shareholder's equity	Mil. dol	17,313	17,747	17,323	14,942	16,175	17,796	19,860	21,253	21,349	[3] 21,228
Net working capital	Mil. dol	678	627	–59	68	603	555	897	1,692	1,372	[3] 1,312
Cash dividends	Mil. dol	385	471	421	434	503	563	610	662	[3] 1,038	(NA)
Passenger service:											
Passengers carried	Million	326	299	284	269	281	295	300	(NA)	(NA)	(NA)
Passenger-miles	Million	21,258	17,388	10,771	9,942	10,222	11,200	10,995	(NA)	(NA)	(NA)
Commutation	Million	4,197	4,128	4,592	4,513	4,666	4,835	5,070	(NA)	(NA)	(NA)
Coach	Million	13,422	11,069	5,414	4,927	5,088	5,876	5,504	(NA)	(NA)	(NA)
Parlor and sleeping car	Million	3,643	2,191	765	502	467	489	421	(NA)	(NA)	(NA)
Passenger revenue	Mil. dol	640	553	420	536	608	702	807	(NA)	(NA)	(NA)
Revenue per passenger-mile	Cents	3.011	3.182	3.914	5.396	5.947	6.270	7.336	(NA)	(NA)	(NA)
Average journey per passenger	Miles	65	57	38	37	36	38	37	(NA)	(NA)	(NA)
Freight service:											
Freight revenue	Mil. dol	8,025	8,836	10,922	15,390	20,236	23,447	26,200	28,925	25,627	25,829
Revenue-tons originated	Million	1,241	1,387	1,485	1,395	1,390	1,502	1,492	1,453	1,269	1,293
Tons carried one mile	*Billion*	572	698	765	754	858	914	919	910	798	826
Revenue ton-miles per mile of road	1,000	2,609	3,290	3,652	3,666	4,471	4,979	5,133	5,142	4,802	(NA)
Revenue per ton-mile	Cents	1.403	1.266	1.428	2.041	2.358	2.599	2.852	3.178	3.212	[3] 3.124
Haul per ton, U.S. as a system	Miles	442	477	490	516	572	580	590	600	604	(NA)
Accidents: [8]											
Persons killed	Number	2,248	2,399	2,255	1,560	1,646	1,429	1,417	1,284	1,119	1,073
Persons injured	Number	19,577	25,789	21,327	54,306	72,545	74,126	62,246	53,003	40,275	34,819

NA Not available. [1] See text, p. 586 for definitions of class I and class II. [2] *Average mid-month count.* [3] Preliminary. [4] Represents the aggregate length of roadway of all line-haul railroads. Excludes yard tracks, sidings, and parallel lines. [5] Includes multiple main tracks, yard tracks, and sidings owned by both line-haul and switching and terminal companies. [6] Includes cars owned by all railroads, private car companies, and shippers. [7] Class I railroads only. [8] *Includes highway* grade crossing casualties. Beginning 1975, *not comparable* with previous years due to change in requirements for reporting injuries.

Source: Association of American Railroads, Washington, DC, *Yearbook of Railroad Facts*, and *Statistics of Railroads of Class I*, annual. Accident data: 1960 and 1965, U.S. Interstate Commerce Commission, *Accident Bulletin*, beginning 1970, U.S. Federal Railroad Administration, *Accident Bulletin*, annual.

No. 1062. Railroads, Class I Line-Haul—Financial Summary: 1970 to 1983

[**In millions of dollars, except percent.** Minus sign (—) indicates deficit. Data prior to 1978 have been restated to conform with revised Uniform System of Accounts. See also *Historical Statistics, Colonial Times to 1970,* series Q 364-366 and Q 378]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Operating revenues	11,992	16,402	18,536	20,090	21,721	25,219	28,103	30,899	27,504	26,728
Freight	11,106	15,390	17,400	18,892	20,236	23,447	26,200	28,925	25,627	25,829
Passenger	420	297	327	337	356	382	438	534	573	112
Other	466	715	809	861	1,130	1,390	1,464	1,439	1,303	784
Operating expenses	11,478	15,936	17,881	19,534	21,043	23,994	26,250	28,587	26,490	24,985
Net revenue from railway operations	514	466	655	557	678	1,225	1,853	2,312	1,013	1,761
Total income	994	1,094	1,358	1,353	1,623	2,397	3,167	4,425	2,680	2,950
Income taxes on ordinary income [1]	88	58	163	60	183	199	291	45	[2] 58	[2] 47
Net income (ordinary)	227	144	355	326	307	938	1,192	2,041	1,152	1,217
Net railway operating income	486	351	452	343	427	837	1,312	1,361	742	1,296
Rate of return (percent)	1.73	1.20	1.60	1.24	1.52	2.87	4.13	3.98	2.11	3.72
Shareowners' equity	17,323	14,942	15,230	15,727	16,175	17,796	19,860	21,253	21,349	21,228
Net working capital [3]	−59	68	343	571	603	555	887	1,692	1,372	1,312
Cash dividends	421	434	444	497	503	563	610	662	1,038	(NA)
Gross capital expenditures	1,351	1,790	1,725	2,290	2,738	3,324	3,621	2,750	1,975	1,806
Equipment	993	1,303	1,175	1,540	1,883	2,285	2,346	1,502	713	451
Roadway and structures	358	486	550	751	855	1,039	1,275	1,248	1,262	1,356

NA Not available [1] Includes State income taxes beginning 1978. [2] Represents credit. [3] Current assets minus current liabilities, including debt due within one year.

Source: Association of American Railroads, Washington, DC, *Statistics of Railroads of Class I,* annual, and *Yearbook of Railroad Facts.*

No. 1063. Railroads, Class I Line-Haul—Selected Freight Statistics: 1970 to 1983

[Excludes switching and terminal roads. See text, p. 586, for definition of class I. See *Historical Statistics, Colonial Times to 1970,* series Q 319, for train-miles per train-hour]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Average miles of road operated	1,000	209	206	205	198	197	192	183	179	177	174	(NA)
Freight revenue	Bil. dol.	10.9	15.8	15.4	17.4	18.9	20.3	23.6	26.2	28.9	25.6	[1] 25.8
Per ton-mile	Cents	1.43	1.85	2.04	2.20	2.29	2.37	2.59	2.83	3.18	3.21	[1] 3.12
Per ton originated	Dollar	7.67	10.70	11.40	12.75	13.90	14.95	16.17	18.05	20.36	20.89	20.66
Revenue freight:												
Tons originated	Million	1,485	1,530	1,395	1,370	1,395	1,390	1,502	1,492	1,453	1,269	1,293
Tons carried	Million	2,616	2,716	2,437	2,448	2,439	2,217	2,463	2,434	2,377	1,979	1,932
Revenue ton-miles	Billion	765	851	754	794	826	858	914	919	910	798	827
Average haul	Miles	292	311	309	324	339	371	366	377	381	403	(NA)
Train miles	Million	427	469	402	425	428	433	438	428	408	345	(NA)
Freight car miles, loaded [2]	Billion	17.3	17.6	15.1	15.8	16.3	15.9	15.8	14.7	13.8	11.7	(NA)
Empty	Billion	12.6	13.1	12.5	12.7	12.4	11.1	11.5	12.0	11.2	9.2	(NA)
Net ton-miles per train-mile [2]	Number	1,820	1,875	1,938	2,232	2,029	2,029	2,096	2,175	2,265	2,345	(NA)
Net ton-miles per loaded car-mile [2]	Number	44.9	50.1	51.7	59.9	53.2	55.1	57.9	63.5	67.1	68.3	(NA)
Train-miles per train-hour	Miles	20.1	19.9	20.0	20.1	19.8	19.3	17.2	18.2	19.0	21.4	(NA)

NA Not available. [1] Preliminary. [2] Revenue and nonrevenue freight.

Source: 1970-1978, U.S. Interstate Commerce Commission, *Annual Report; Transport Statistics in the United States,* Part 1, annual, and related quarterly reports; *Financial and Operating Statistics, Class I Railroads,* Statement No. 100, semiannual, and unpublished data; thereafter, Association of American Railroads, Washington, DC, *Yearbook of Railroad Facts,* annual.

No. 1064. Railroads, Class I—Cars of Revenue Freight Loaded, 1960 to 1983, and by Commodity Group, 1982 and 1983

[**In thousands.** Figures are 52-week totals. Data for 1978-83 include 12 class II railroads which were class I in 1977. See text, p. 586, for definition of class I. N.e.c.=Not elsewhere classified]

YEAR	CARLOADS		COMMODITY GROUP	CARLOADS		COMMODITY GROUP	CARLOADS	
	Total	Piggy-back		1982	1983		1982	1983
1960	30,441	554	Coal	5,629	5,210	Crushed stone, gravel, sand	475	503
1965	29,248	1,077	Metallic ores	815	824	Nonmetallic minerals, n.e.c.	504	585
1970	27,160	1,450	Chemicals, allied products	1,117	1,199	Waste and scrap materials	405	421
1975	23,217	1,308	Grain	1,265	1,380	Lumber, wood products (exc.		
1976	23,457	1,506	Motor vehicles and equipment	713	867	furniture), n.e.c.	308	368
1977	23,173	1,689	Pulp, paper, allied products	829	778	Forwarder and shipper association		
1978	23,355	1,841	Primary forest products	766	739	traffic	429	453
1979	23,892	1,858	Food and kindred products,			Coke	232	262
1980	22,598	1,661	n.e.c.	681	606	Petroleum products	244	239
1981	21,613	1,723	Grain mill products	619	593	Farm products, exc. grain	218	205
1982	18,498	1,920	Metals and products	454	434	Less than carload	66	15
1983	18,800	2,339	Stone, clay, and glass products	509	534	All other carloads	2,219	2,587

Source: Association of American Railroads, Washington, DC, *Cars of Revenue Freight Loaded,* annual.

No. 1065. Railroads, Class I Line-Haul—Revenue Freight Originated, by Commodity Group: 1970 to 1983

[Data for 1976 are omitted due to incomplete reporting. See *Historical Statistics, Colonial Times to 1970*, series Q 332, for total carloads originated]

Commodity group	1970	1973	1974	1975	1977	1978	1979	1980	1981	1982	1983
CARLOADS (1,000)											
Total [1]	**27,015**	**26,990**	**26,223**	**22,930**	**22,823**	**22,482**	**23,409**	**22,223**	**21,343**	**18,585**	**19,013**
Coal	5,296	4,628	4,691	4,844	4,809	4,372	5,329	5,769	5,835	5,718	5,276
Farm products	2,374	2,459	2,124	1,873	1,571	1,599	1,721	1,666	1,637	1,566	*1,642*
Food and kindred products	2,706	2,428	2,390	2,154	2,022	1,922	1,348	1,767	1,557	1,391	1,316
Metallic ores	1,602	1,573	1,575	1,338	1,020	1,405	1,480	1,258	1,354	761	812
Chemicals, allied products	1,576	1,527	1,521	1,313	1,421	1,426	1,471	1,322	1,322	1,120	1,216
Nonmetallic minerals [2]	2,204	2,243	2,203	1,895	1,725	1,650	1,592	1,474	1,272	958	1,079
Lumber and wood prod.[3]	2,048	2,093	1,970	1,615	1,738	1,629	1,565	1,384	1,254	1,002	1,075
Transportation equipment	1,059	1,475	1,263	1,135	1,417	1,352	1,278	1,004	939	801	954
Pulp, paper, allied products	1,197	1,211	1,221	1,015	1,077	975	977	954	899	765	*746*
Primary metal products	1,486	1,107	1,105	796	814	873	913	756	760	459	440
Stone, clay, and glass prod	1,231	1,212	1,127	906	924	911	920	776	690	516	543
Waste and scrap materials	805	871	949	744	689	734	713	632	610	409	417
Petroleum and coal prod	699	975	954	767	768	704	716	596	607	467	495
Machinery, exc. electrical	200	182	186	156	110	104	90	77	66	43	38
Fabricated metal prod.[4]	398	333	336	244	112	96	87	72	55	36	33
TONS (mil.)											
Total [1]	**1,484.9**	**1,532.2**	**1,530.7**	**1,395.1**	**1,394.7**	**1,390.4**	**1,502.1**	**1,492.4**	**1,453.0**	**1,266.6**	**1,292.6**
Coal	404.6	376.1	390.9	407.6	414.9	383.1	473.8	522.1	527.6	523.6	493.6
Farm products	134.2	156.1	142.2	134.4	121.9	128.7	138.5	156.1	139.9	133.5	142.2
Food and kindred products	110.1	106.0	107.3	100.2	98.7	95.4	93.2	91.9	82.8	77.0	75.2
Metallic ores	126.7	125.1	126.5	106.4	83.2	112.5	119.9	105.4	113.8	62.6	68.4
Chemicals, allied products	91.6	99.7	101.4	91.4	104.3	106.7	112.4	108.3	105.9	91.2	99.3
Nonmetallic minerals [2]	163.3	170.5	171.0	150.6	139.6	135.0	132.3	124.8	110.0	84.7	96.5
Lumber and wood prod.[3]	101.9	108.9	105.3	88.6	99.3	95.1	93.1	85.5	80.3	65.9	71.7
Transportation equipment	24.2	34.3	29.8	27.3	33.6	32.2	30.6	23.9	22.2	18.8	22.2
Pulp, paper, allied products	42.5	46.5	48.2	40.6	44.9	41.4	42.4	42.1	41.6	36.4	36.6
Primary metal products	82.2	71.4	70.3	51.4	55.2	60.3	63.9	52.7	53.3	32.0	32.0
Stone, clay, and glass prod	71.1	72.6	68.0	56.8	59.9	59.9	61.5	53.7	49.2	38.2	41.8
Waste and scrap materials	39.8	44.7	48.1	38.2	36.1	37.8	38.5	34.3	34.1	22.7	24.5
Petroleum and coal prod	36.3	52.6	53.0	45.8	46.1	44.4	43.9	38.1	39.0	31.6	33.6
Machinery, exc. electrical	4.6	4.0	4.2	3.6	2.7	2.5	2.3	2.0	1.7	1.2	.8
Fabricated metal prod.[4]	11.3	10.7	11.3	8.2	2.9	2.5	2.3	2.0	1.7	1.0	.8
GROSS REVENUE (mil. dol.)											
Total [1]	**11,388**	**14,335**	**16,378**	**15,899**	**19,394**	**20,785**	**24,283**	**26,938**	**29,590**	**26,504**	**26,710**
Coal	1,381	1,426	1,848	2,146	2,698	2,813	3,872	4,956	5,977	6,307	5,969
Farm products	1,068	1,448	1,510	1,472	1,485	1,678	2,101	2,801	2,621	2,305	2,374
Food and kindred products	1,363	1,535	1,776	1,922	2,041	2,158	2,421	2,837	2,928	2,604	2,349
Metallic ores	333	403	494	468	447	553	621	597	723	403	450
Chemicals, allied products	1,137	1,433	1,739	1,681	2,212	2,342	2,739	2,946	3,288	2,942	3,078
Nonmetallic minerals [2]	409	502	604	596	687	723	829	948	1,036	852	834
Lumber and wood prod.[3]	832	1,145	1,132	1,066	1,416	1,461	1,546	1,543	1,559	1,303	1,527
Transportation equipment	734	1,301	1,271	1,283	1,966	2,089	2,167	1,917	2,120	1,966	2,292
Pulp, paper, allied products	730	889	1,056	977	1,212	1,260	1,445	1,652	1,848	1,717	1,671
Primary metal products	813	843	1,027	848	957	1,104	1,291	1,332	1,559	977	816
Stone, clay, and glass prod	512	643	705	651	822	902	1,018	1,025	1,114	888	908
Waste and scrap materials	232	309	409	359	404	432	479	513	573	418	423
Petroleum and coal prod	305	493	600	573	690	713	835	865	1,019	867	844
Machinery, exc. electrical	148	170	204	200	163	166	174	176	176	115	75
Fabricated metal prod.[4]	210	224	267	221	121	115	117	110	105	71	52

[1] Includes commodity groups and small packaged freight shipments, not shown separately. [2] Except fuels. [3] Except furniture. [4] Except ordnance, machinery, and transport.

Source: 1970-1979, U.S. Interstate Commerce Commission, *Freight Commodity Statistics—Class I Railroads in the United States, annual*; thereafter, Association of American Railroads, Washington, DC, *Freight Commodity Statistics*, annual.

No. 1066. Producer Price Indexes for Total Railroad Freight: 1970 to 1983

[1969=100. Reflects prices for shipping a fixed set of commodities under specified and unchanging conditions]

Commodity	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total railroad freight	**108.8**	**129.3**	**149.7**	**169.4**	**186.6**	**199.1**	**213.1**	**243.3**	**284.5**	**327.6**	**351.4**	**355.8**
Annual percent change	6.6	[1] 5.9	15.8	13.2	10.2	6.7	7.0	14.2	16.9	15.1	7.3	1.3
Coal	108.6	132.5	154.8	177.5	199.6	211.6	228.2	266.2	306.3	350.7	385.2	390.6
Farm products	108.3	125.2	145.3	165.0	182.7	191.3	204.9	235.9	275.6	315.0	337.2	342.9
Food and kindred products	108.9	128.8	148.9	168.6	185.1	195.3	210.1	239.2	283.1	329.4	353.2	356.6
Metallic ores	108.9	133.0	155.0	178.4	197.8	211.1	227.3	263.5	307.9	355.3	387.3	395.4
Chemicals and allied products	108.6	127.6	147.9	168.5	183.8	197.1	208.5	235.5	274.3	316.2	340.1	342.6
Nonmetallic minerals	108.0	130.0	150.5	172.4	191.7	205.5	221.2	257.5	308.1	368.8	398.1	403.5
Lumber and wood products	108.4	127.4	147.4	163.6	177.9	191.7	205.7	233.4	278.1	326.2	350.7	357.4
Transportation equipment	109.4	131.9	153.5	173.5	190.2	204.3	217.6	246.2	281.9	316.2	326.4	329.2
Pulp, paper, and allied products	108.9	124.5	143.5	162.7	176.1	186.5	197.1	223.7	264.8	305.3	326.9	331.0
Primary metal products	109.5	132.1	153.3	174.8	191.6	205.0	217.9	247.1	284.3	323.5	345.5	*348.5*
Stone, clay, concrete, glass, products	109.4	131.2	153.1	174.5	192.2	206.4	223.4	255.3	301.8	351.9	379.5	383.4

[1] Change from 1970.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 1067. Railroad Accident——Deaths and Injuries: 1970 to 1983

[Casualty data prior to 1975 cover only those cases where a person lost time from that person's job or other usual activity. Beginning 1975, covers cases with lost time, those requiring medical treatment beyond first aid, termination of employment, transfer to another job, loss of consciousness, and occupational illnesses. Prior to 1975, cases where death occurred more than 24 hours after the injury were classified as injuries; beginning 1975 they were classified as deaths. See also *Historical Statistics, Colonial Times to 1970*, series Q 385-387 and Q 400-401]

TYPE OF CASUALTY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Persons killed, total	2,225	1,560	1,630	1,530	1,646	1,429	1,417	1,284	1,119	1,073
In highway grade crossing accidents [1]	1,440	978	1,114	944	1,021	834	788	697	580	542
Involving motor vehicles [2]	1,337	765	956	822	908	704	662	593	510	466
Passengers on trains	8	8	5	4	13	6	4	4	9	4
Railroad employees on duty	155	110	100	114	122	101	97	65	78	81
Trespassers and other	2,062	1,442	1,525	1,412	1,511	1,322	1,316	1,215	1,032	1,008
Persons injured	21,327	54,306	65,331	67,867	72,545	74,126	62,246	53,003	40,275	34,619
In highway grade crossing accidents [1]	3,336	4,168	4,831	4,649	4,256	4,172	3,662	3,121	2,508	2,467
Involving motor vehicles [2]	3,205	3,568	4,307	4,455	4,087	3,938	3,486	2,975	2,386	2,355
Passengers on trains	489	1,307	998	503	1,252	1,001	593	409	387	502
Railroad employees on duty	15,743	47,318	57,889	61,028	65,071	66,924	56,331	47,838	36,032	30,416
Trespassers and other	5,095	5,681	6,444	6,336	6,222	6,201	5,322	4,756	3,856	3,901

[1] Accidents at public crossings only. [2] Excludes motorcycles.

Source: U.S. Federal Railroad Administration, *Accident Bulletin*, annual, and *Rail-Highway Crossing Accident/Incidents and Incident Bulletin*, annual.

No. 1068. Petroleum Pipeline Companies—Characteristics: 1972 to 1982

[Covers pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission from 1972 to 1976, and Federal Energy Regulatory Commission beginning 1977]

ITEM	Unit	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Miles of pipeline, total	1,000	172.1	170.1	169.0	170.7	169.9	154.5	161.6	169.8	172.7	172.8	172.5
Gathering lines	1,000	42.3	42.9	40.7	40.4	37.6	34.7	36.5	36.9	36.3	38.6	35.6
Trunk lines	1,000	129.8	127.2	128.3	130.3	132.3	119.8	125.1	132.9	136.4	134.2	136.9
Total deliveries	Mil. bbl	8,847	9,416	9,132	9,391	9,742	10,019	10,768	11,140	10,600	10,223	10,181
Crude oil	Mil. bbl	5,510	5,760	5,698	5,729	5,996	6,089	6,550	6,728	6,405	6,070	5,966
Products	Mil. bbl	3,337	3,656	3,434	3,662	3,746	3,930	4,218	4,412	4,195	4,153	4,213
Total trunk line traffic	Bil. bbl-miles	2,687	2,502	2,632	2,892	2,918	3,895	3,723	3,577	3,405	3,554	3,442
Crude oil	Bil. bbl-miles	1,520	1,262	1,456	1,551	1,639	2,267	2,031	1,946	1,948	1,813	1,938
Products	Bil. bbl-miles	1,167	1,240	1,176	1,341	1,279	1,627	1,691	1,631	1,458	1,740	1,484
Carrier property value	Mil. dol	6,749	7,000	8,038	10,740	13,684	16,736	17,654	18,990	19,752	21,250	21,942
Operating revenues	Mil. dol	1,338	1,438	1,579	1,869	2,132	2,818	4,990	5,781	6,356	6,678	7,140
Net income	Mil. dol	415	408	330	456	595	478	1,696	1,648	1,912	2,031	2,162

Source: PennWell Publishing Co., Tulsa, Oklahoma, *Oil and Gas Journal*, November 28, 1983 and earlier issues. (Copyright.)

No. 1069. Interstate Natural Gas Pipeline Companies—Summary: 1970 to 1982

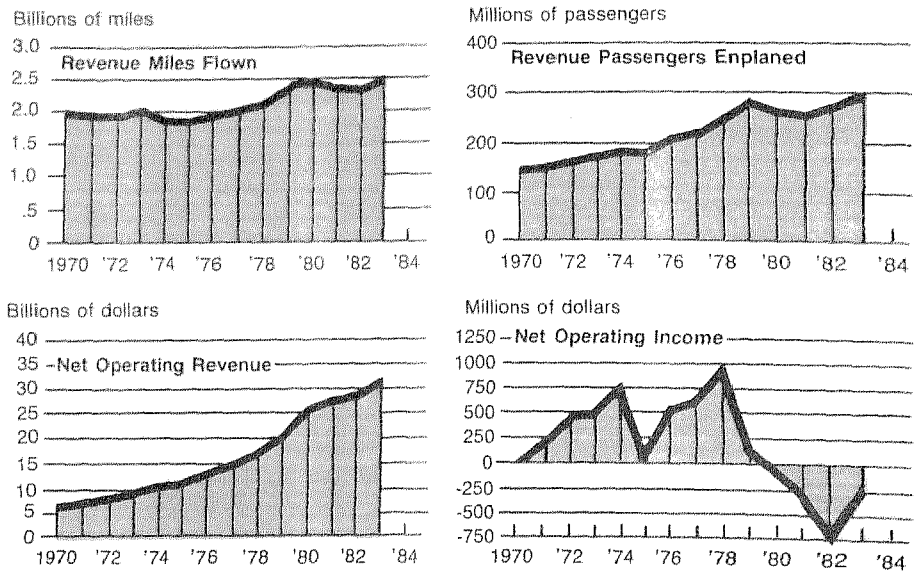
[Excludes companies whose operations are limited to production of natural gas and sales of gas at or near the point of production. Covers classes A and B interstate natural gas pipeline companies with annual gas operating revenues of $1,000,000 or more]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982
Sales	Tril. cu. ft.	19.9	16.5	15.7	16.2	17.7	17.3	17.8	16.2
Residential	Tril. cu. ft.	.6	.5	.6	.6	.6	.6	.7	.7
Commercial, industrial	Tril. cu. ft.	2.9	1.9	1.9	1.9	2.1	2.3	2.5	2.1
For resale	Tril. cu. ft.	16.3	14.0	13.2	13.6	14.8	14.4	14.5	13.3
Operating revenues	Mil. dol.	7,955	14,278	22,269	25,966	35,509	45,271	55,710	64,165
From sales [1]	Mil. dol.	7,576	13,451	21,126	24,832	33,960	43,222	53,272	61,364
Residential	Mil. dol.	622	758	1,316	1,520	1,754	2,001	2,927	3,585
Commercial, industrial	Mil. dol.	1,025	1,646	2,842	3,272	4,527	5,950	8,189	8,210
For resale	Mil. dol.	5,898	11,003	16,912	19,977	27,597	35,271	42,062	49,419
From transportation of gas to others	Mil. dol.	188	387	559	619	772	924	1,055	1,318
Other	Mil. dol.	191	440	604	511	757	1,125	1,383	1,483
Operation, maintenance expenses	Mil. dol.	5,602	10,374	17,596	20,954	29,867	39,154	49,307	57,033
Production	Mil. dol.	4,546	8,573	15,096	18,048	26,157	34,742	43,733	50,577
Storage	Mil. dol.	63	140	205	254	275	303	367	448
Transmission	Mil. dol.	534	912	1,300	1,519	2,077	2,547	3,278	3,662
Distribution	Mil. dol.	92	122	178	193	217	245	312	334
Administrative, general, and other	Mil. dol.	368	627	817	940	1,141	1,317	1,617	1,812
Pipeline mileage:									
Transmission lines	1,000	182.0	187.2	189.9	190.7	193.4	192.4	186.8	201.9
Field lines	1,000	51.6	57.1	60.2	63.0	66.2	69.7	73.0	76.2
Storage	1,000	3.5	4.2	4.2	4.3	4.4	12.1	4.3	7.2

[1] Includes other ultimate customers not shown separately.

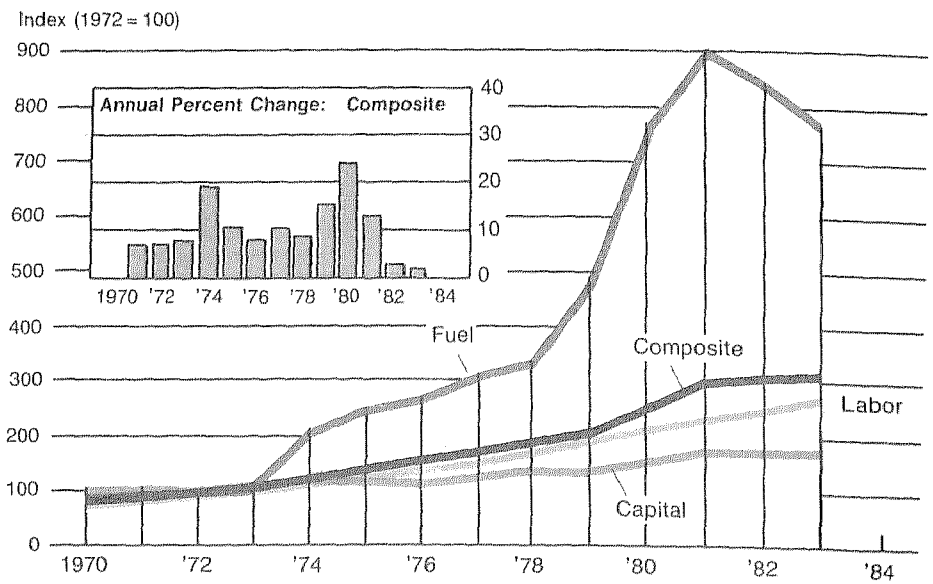
Source: 1970 and 1975, U.S. Federal Power Commission; 1977-1981, U.S. Energy Information Administration, *Statistics of Interstate Natural Gas Pipeline Companies*, annual, and 1982, Federal Energy Regulatory Commission, unpublished data.

Figure 23.1
Domestic Scheduled Air Carriers: 1970 to 1983

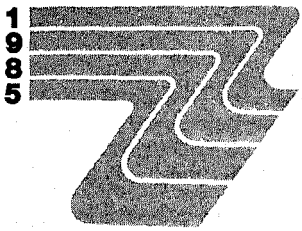


Source: Chart prepared by *U.S. Bureau of the Census*. For data, see tables 1070 and 1071.

Figure 23.2
Airline Cost Indexes: 1970 to 1983



Source: Chart prepared by *U.S. Bureau of the Census*. For data, see table 1075.



Section 23

Transportation—Air and Water

This section presents statistics on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. Comparative data on various types of transportation carriers are presented in section 22.

Principal sources of these data are the annual *FAA Statistical Handbook of Aviation* issued by the Federal Aviation Administration (FAA); the annual *Waterborne Commerce of the United States* issued by the Corps of Engineers of the Department of the Army; the monthly and annual issues of *U.S. Waterborne Exports and General Imports,* and *U.S. Airborne Exports and General Imports,* the annual *Vessel Entrances and Clearances,* and the monthly *Highlights of U.S. Export and Import Trade,* issued by the Bureau of the Census. In addition, the Bureau of the Census in its commodity transportation survey (part of the census of transportation, taken every five years, for years ending in "2" and "7") provides data on the type, weight, and value of commodities shipped by manufacturing establishments in the United States, by means of transportation, origin, and destination.

Air transportation data are also presented annually by the Air Transport Association of America, Washington, DC in *Air Transport Facts and Figures.* Additional sources of data on water transportation include *A Statistical Analysis of the World's Merchant Fleets,* issued periodically by the U.S. Maritime Administration; *The Bulletin,* issued monthly by the American Bureau of Shipping, New York; and the *Annual Summary of Merchant Ships Completed in the World* and the *Register Book,* published by Lloyd's Register of Shipping, London, England.

Civil aviation.—Federal promotion and regulation of civil aviation have been carried out by the FAA and the Civil Aeronautics Board (CAB). The CAB promoted and regulated the civil air transportation industry within the United States and between the United States and foreign countries. The Board granted licenses to provide air transportation service, approved or disapproved proposed rates and fares, and approved or disapproved proposed agreements and corporate relationships involving air carriers. In December 1984, the CAB sunsetted. Some of its functions were transferred to the Department of Transportation. The responsibility for investigation of aviation accidents resides with the National Transportation Safety Board.

The principal activities of the FAA include: The promotion of air safety; controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft, and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment; and the development of general aviation.

The CAB published monthly and quarterly financial and traffic statistical data for the certificated route air carriers. The FAA publishes annually data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the volume of activity in the field of non-air carrier (general aviation) flying; and aircraft production and registration.

General aviation comprises all civil flying (including such commercial operations as small demand air taxis, agriculture application, powerline patrol, etc.) but excludes certificated route air carriers, supplemental operators, large-aircraft commercial operators and commuter airlines.

Air carriers and service.—The CAB issued "certificates of public convenience and necessity" in two categories: *Certificated route air carriers* (often referred to as "scheduled airlines") and *supplemental (or charter) air carriers* (see footnote 3, table 1077). Certificated route air carriers are passenger/cargo and all-cargo carriers which are authorized to perform *scheduled service* over specified routes according to published flight schedules. Certificated route carriers are, however, allowed to perform some *nonscheduled service* (i.e., revenue flights outside of the regular schedule, such as charter flights, and all nonrevenue flights incident to such flights).

Vessel shipments, entrances, and clearances.—Shipments by dry cargo vessels comprise shipments on all types of watercraft, except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered only at the first port which it enters in the United States whether or not cargo is unloaded at that port. A vessel is reported as cleared only at the last port at which

clearance is made to a foreign port, whether or not it takes on cargo. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures.

Units of measurement.—Cargo (or freight) tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. Substantially, it represents space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Deadweight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is, therefore, the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1070. Certificated Route Passenger/Cargo Air Carriers—Number, Operating Revenues, and Expenses: 1970 to 1983

(**In millions of dollars, except number of carriers.** 1970–1979, includes scheduled and charter operations. Beginning 1980, includes all cargo carriers. Minus sign (–) indicates loss. See also headnote, table 1071, and *Historical Statistics, Colonial Times to 1970*, series Q 591–603)

ITEM	1970	1975	1976	1977	1978	1979	1980	1981 [1]	1982 [1]	1983, [1] prel.
Number of air carriers	39	33	33	33	35	49	63	98	98	96
DOMESTIC										
Revenue	7,131	11,911	13,789	15,690	17,943	21,337	26,404	28,788	28,728	31,008
Passenger	6,359	10,290	12,104	13,772	15,763	18,930	23,317	25,504	25,440	27,516
Mail (including subsidy)	205	247	292	356	334	413	530	591	572	596
Express and freight	472	702	835	978	1,107	1,184	1,582	1,859	1,505	1,605
Other	94	672	556	585	749	810	974	1,034	1,211	1,347
Expenses	7,128	11,761	13,213	15,036	16,948	21,213	26,409	29,051	29,476	31,164
Flying operations	2,098	3,569	4,401	5,229	5,577	7,887	11,029	12,037	11,529	11,378
Maintenance	1,127	1,595	1,802	1,986	2,125	2,421	2,758	2,921	2,709	2,877
General services and administration	3,157	5,050	5,774	6,536	7,556	9,120	10,545	11,943	12,825	14,270
Passenger service	707	1,116	1,260	1,461	1,711	2,091	2,329	2,522	2,668	2,983
Aircraft and traffic servicing	1,298	2,125	2,412	2,693	3,069	3,619	4,051	4,497	4,665	5,101
Promotion and sales	809	1,255	1,490	1,708	2,028	2,547	3,096	3,708	4,160	4,765
General and administrative	344	544	612	674	754	863	1,069	1,216	1,332	1,421
Depreciation and amortization	745	883	920	960	1,213	1,352	1,560	1,723	1,878	2,105
Transport related	(NA)	383	316	325	477	453	517	526	537	556
Net operating income	3	129	576	654	995	123	–6	–264	–750	–176
INTERNATIONAL										
Revenue	1,913	3,063	3,316	3,774	4,332	5,191	6,543	6,390	6,435	7,172
Passenger	1,553	2,435	2,638	3,019	3,494	4,228	4,964	4,916	4,959	5,609
Mail (including subsidy)	110	97	85	88	92	107	175	165	177	152
Express and freight	209	391	403	444	457	534	1,011	984	989	996
Other	41	150	190	224	288	325	372	325	309	415
Expenses	1,894	3,059	3,182	3,552	4,008	5,105	6,766	6,574	6,452	6,897
Flying operations	515	1,050	1,089	1,170	1,211	1,795	2,775	2,757	2,596	2,486
Maintenance	241	363	368	414	458	521	616	540	512	549
General services and administration	950	1,345	1,431	1,609	1,888	2,289	2,811	2,752	2,795	3,059
Passenger service	223	287	296	347	422	531	600	583	577	664
Aircraft and traffic servicing	332	510	536	598	676	820	1,049	932	892	936
Promotion and sales	293	399	451	506	599	749	917	945	954	1,160
General and administrative	103	149	148	158	191	189	246	292	372	297
Depreciation and amortization	188	212	193	238	303	327	385	382	396	391
Transport related	(NA)	88	101	120	148	173	178	144	152	212
Net operating income	19	4	133	222	324	86	–223	–184	–17	475

NA Not available. [1] Excludes carriers that report system total only (operating revenues of $1,033 million in 1981, $902 million in 1982, and $415 million (preliminary) in 1983; operating expenditures of $988 million, $874 million, and $952 million (preliminary) in 1981, 1982, and 1983 respectively).

Source: U.S. Federal Aviation Administration. From data supplied by U.S. Civil Aeronautics Board, *CAB Air Carrier Financial Data*, annual.

No. 1071. Certificated Route Air Carriers—Summary: 1970 to 1983

[As of **Dec. 31** or for **calendar years.** See text, p. 613. Operations between conterminous U.S., Puerto Rico, and outlying areas included with International. See also *Historical Statistics, Colonial Times to 1970,* series Q 577-590 and Q 624-633]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Domestic operators [1]	Number	35	33	34	52	63	98	98	96
International operators [1]	Number	6	2	2					
Employment, total [2]	1,000	297	290	329	341	371	350	330	329
Pilots, copilots, and other flight personnel	1,000	33	32	36	37	39	37	35	34
Flight attendants	1,000	34	39	48	53	57	55	51	54
Mechanics	1,000	48	45	44	45	45	46	43	39
Aircraft and traffic servicing personnel	1,000	84	83	96	98	122	95	88	91
Other	1,000	98	91	104	108	108	117	113	111
Fixed-wing aircraft in operation [3]	Number	2,421	2,260	2,345	2,466	2,505	2,523	2,468	2,618
Turbojet	Number	2,041	2,022	2,184	2,308	2,336	2,295	2,377	2,492
Two-engine	Number	519	500	579	621	652	731	863	974
Three-engine	Number	631	961	1,140	1,232	1,311	1,284	1,260	1,296
Four-engine	Number	891	561	465	455	373	280	254	222
Turboprop	Number	316	193	155	152	163	223	88	118
Piston	Number	64	45	6	6	6	5	3	8
Average available seats: [4] [5]									
Domestic	Number	110.4	130.4	140.0	139.9	143.1	147.2	153.0	155.1
International	Number	154.9	224.8	244.1	259.1	274.5	279.6	283.0	283.6
Average/hr. speed: [5]									
Domestic	Mi. per hr.	403	403	409	406	405	403	408	412
International	Mi. per hr.	482	482	489	493	494	494	483	480
Jet fuel consumed: [6]									
Domestic	Mil. gal	7,842	7,558	8,621	9,376	9,218	8,984	8,326	8,556
International	Mil. gal	2,241	1,949	1,913	1,993	2,093	1,826	1,942	1,970
Revenue-miles flown [5]	Millions	2,426	2,241	2,520	2,791	2,816	2,703	2,699	2,798
Domestic	Millions	2,027	1,909	2,201	2,435	2,471	2,396	2,387	2,472
International	Millions	399	332	319	355	345	307	312	326
Revenue passengers enplaned [5]	Millions	169	205	275	317	297	286	294	318
Domestic	Millions	153	189	254	293	273	265	274	296
International	Millions	16	16	21	24	24	21	20	22
Revenue passenger-miles flown: [5]									
Domestic	Billions	104.1	131.7	182.7	208.9	200.8	198.7	210.1	226.5
International	Billions	27.6	31.1	44.1	53.1	54.4	50.1	49.5	54.8
Average passenger-mile rate: [5] [7]									
Domestic	Dollars	.060	.077	.085	.091	.113	.127	.121	.121
International	Dollars	.050	.072	.075	.077	.075	.095	.100	.102
Express and freight revenue, ton-miles flown [5]	Millions	3,515	4,796	5,818	5,964	5,742	5,686	5,482	6,087
Domestic	Millions	2,216	2,747	3,505	3,466	3,277	3,350	3,039	3,383
International	Millions	1,299	2,049	2,313	2,498	2,465	2,336	2,443	2,704
Mail, ton-miles flown: [5]									
Domestic	Millions	715	683	807	853	949	998	1,004	1,064
International	Millions	549	426	374	372	393	376	400	415
Accidents (scheduled passenger service):									
Total [8]	Number	39	28	19	18	19	25	16	19
Fatal	Number	2	2	4	5	2	4	5	4
Fatalities	Number	3	122	16	352	14	4	235	15

[1] The Airline Deregulation Act of 1978 lifted some restrictions on entering new markets. As a result there is no longer a clear distinction between domestic and international operators. Includes all cargo.

[2] Scheduled airlines only. Source: Air Transport Association of America, Washington, DC *Air Transport Facts and Figures,* annual.

[3] Excludes those used for crew training and general utility purposes, or held for disposal. Beginning 1975, includes aircraft operated by the scheduled all-cargo certificated route air carriers.

[4] Seats per aircraft mile. Passenger seat-miles divided by revenue-miles flown in passenger service.

[5] Scheduled services of all certificated route air carriers; includes all cargo.

[6] Includes all cargo. Beginning 1978 includes very small amount of gasoline.

[7] Passenger revenues divided by revenue passenger-miles flown.

[8] Includes mid-air collisions nonfatal to air carrier occupants (excluded in computation of fatal accidents).

Source: Except as noted, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual. Includes data from U.S. Civil Aeronautics Board and U.S. National Transportation Safety Board.

No. 1072. Certificated Route Air Carriers—Service and Traffic: 1970 to 1983

[In millions, except as indicated]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983
Revenue ton-miles, all services	**20,186**	**23,534**	**31,095**	**34,551**	**34,656**	**33,923**	**35,051**	**37,902**
Revenue ton-miles, scheduled	18,166	22,186	29,679	33,390	32,603	31,949	32,849	35,697
Passenger [1]	13,171	16,281	22,678	26,202	25,519	24,889	25,963	28,131
U.S. mail	1,470	1,097	1,168	1,206	1,318	1,348	1,375	1,449
Foreign mail	10	12	14	18	24	26	29	30
Express	107	29	56	56	56	68	58	66
Freight	3,408	4,766	5,763	5,908	5,686	5,618	5,424	6,021
Revenue ton-miles, charter [2]	2,020	1,348	1,416	1,161	2,053	1,974	2,201	2,206
Available ton-miles, all services	44,298	49,289	56,869	62,546	66,163	64,245	65,770	68,561
Ton-mile load factor (percent)	45.6	47.7	54.7	55.2	52.4	52.8	53.3	55.3
Scheduled services total:								
Revenue passengers enplaned, scheduled	170	205	275	317	297	286	294	318
Revenue passenger-miles (bil.)	132	163	237	262	255	249	260	281
Available seat-miles (bil.)	265	303	369	416	433	425	440	463
Passenger load factor (percent)	49.7	53.7	61.5	63.0	59.0	58.6	59.0	60.7
Revenue passenger-miles per gallon of fuel (number) [3]	15.4	18.7	22.9	24.3	24.1	24.8	26.1	27.4
Revenue plane-miles	2,418	2,241	2,520	2,791	2,816	2,703	2,699	2,798

[1] A passenger ton-mile represents 1 ton of passenger weight, including free and excess baggage, transported 1 mile. [2] Passenger and cargo. [3] For major and national airlines; see headnote, table 1075.

Source: Air Transport Association of America, Washington, DC, *Air Transport Facts and Figures,* annual. Data from Civil Aeronautics Board.

No. 1073. Large Air Traffic Hubs—Summary: 1983

[**In thousands, except number of airports.** For calendar year. Air traffic hubs are cities and standard metropolitan statistical areas requiring aviation services. A large hub is one which enplanes at least one percent of the total enplaned revenue passengers in all services and all operations of U.S. certificated route air carriers]

AREA OR HUB	Airports [1]	AIRCRAFT DEPARTURES			Revenue passengers enplaned	ENPLANED REVENUE TONS		
		Total [2]	Scheduled			Total [3]	Freight and express	U.S. mail
			Number	Completed				
Total, all areas	**677**	**5,043.0**	**5,082.1**	**4,962.1**	**319,886.3**	**4,512.6**	**3,219.5**	**1,277.5**
Total, 26 large hubs	40	2,893.0	2,914.7	2,860.7	220,388.8	2,991.1	2,059.1	930.3
Atlanta, GA	1	243.3	245.1	242.3	18,648.2	243.9	156.8	87.1
Boston, MA	1	90.0	90.0	88.7	8,044.7	135.3	104.5	30.7
Charlotte, NC	1	70.0	70.5	69.7	3,763.8	30.4	18.4	12.0
Chicago, IL	3	252.4	254.5	250.8	18,953.7	417.8	305.2	112.5
Dallas-Ft. Worth, TX	2	207.3	209.0	206.6	15,682.6	137.0	78.8	58.2
Denver, CO	1	149.9	153.7	149.5	11,401.0	102.6	61.9	40.6
Detroit/Ann Arbor, MI	2	85.1	84.0	82.8	4,868.1	73.2	49.8	23.4
Honolulu, HI	1	45.3	48.2	42.6	5,375.2	101.0	82.2	18.3
Houston, TX	1	130.0	132.6	129.6	8,504.4	54.8	38.2	16.5
Las Vegas, NV	1	59.5	59.2	58.6	4,588.6	5.8	2.9	3.0
Los Angeles/Burbank/Long Beach, CA	4	179.8	181.3	178.2	17,369.0	343.9	277.5	66.4
Miami/Ft. Lauderdale, FL	2	128.6	127.4	124.8	9,942.9	115.2	88.3	26.6
Minneapolis/St. Paul, MN	1	86.7	87.3	85.9	5,781.5	74.8	46.4	28.4
Newark, NJ	1	94.4	95.5	93.7	8,300.3	69.5	43.0	26.5
New York, NY	2	187.7	187.0	183.1	18,580.7	384.5	273.0	111.4
Orlando, FL	1	55.3	55.0	54.3	3,721.1	16.5	12.0	4.5
Philadelphia, PA/Camden, NJ	1	60.3	61.0	59.8	3,980.6	62.5	29.1	33.3
Phoenix, AZ	1	77.5	77.9	77.1	4,800.7	21.6	12.1	9.5
Pittsburgh, PA/Wheeling, WV	1	90.7	91.5	90.2	5,544.4	26.9	8.0	18.9
St. Louis, MO	1	12.5	125.6	123.9	7,615.4	69.6	33.5	36.1
Salt Lake City, UT	1	54.8	55.3	54.6	3,237.4	42.8	18.1	24.7
San Diego, CA	1	36.3	36.4	36.1	3,142.8	17.2	10.1	7.0
San Francisco/Oakland, CA	2	139.5	140.2	137.8	11,650.2	230.0	177.4	52.6
Seattle/Tacoma, WA	3	65.5	66.0	64.9	4,955.6	126.9	98.2	28.3
Tampa/St. Petersburg/Clearwater/Lakeland, FL	2	65.6	65.6	64.5	3,830.1	20.9	12.4	8.5
Washington, DC	2	112.9	114.9	111.1	7,885.8	66.5	21.3	45.2

[1] Airports serving area or hub. Airports certificated under Federal Aviation Regulation (FAR Part 139) served by scheduled and unscheduled air carriers. [2] Includes completed scheduled and unscheduled. [3] Includes foreign mail, not shown separately.

Source: U.S. Federal Aviation Administration, *Airport Activity Statistics,* annual.

No. 1074. Civil Flying—Summary: 1970 to 1983

[As of Dec. 31 or for years ending Dec. 31, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series Q 604-623]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Airports in operation [1]	Number	11,261	13,251	14,574	14,746	15,161	15,476	15,831	16,029
Heliports	Number	790	1,524	1,986	2,108	2,336	2,507	2,712	2,918
Public	Number	4,260	4,573	4,751	4,761	4,814	4,798	4,805	4,812
Private	Number	7,001	8,678	9,823	9,985	10,347	10,678	11,026	11,217
Airports with runway lights	Number	3,554	4,171	4,567	4,631	4,738	4,795	4,844	4,878
Airports with paved runways	Number	3,805	4,865	5,484	5,618	5,833	5,626	6,223	5,441
Miles of Federal airways	1,000	324.7	403.9	605.7	615.5	615.5	569.6	566.6	564.5
Airport Improvement Program [2]	Mil. dol.	50.5	339.9	539.8	624.2	639.0	442.6	407.1	721.5
Total civil aircraft	1,000	154.5	196.3	236.8	251.5	259.4	261.6	259.0	264.9
Active aircraft [3]	1,000	134.5	171.2	201.3	213.9	214.8	217.2	214.0	(NA)
Air carriers, total [4]	1,000	2.8	2.5	2.6	3.6	3.8	4.0	4.2	4.0
General aviation aircraft [5]	1,000	131.7	168.5	198.7	210.3	211.0	213.2	209.8	(NA)
Fixed-wing aircraft:									
Multi-engine	1,000	18.4	24.6	28.9	31.3	31.7	33.5	33.2	(NA)
Single-engine:									
4-place and over	1,000	64.6	82.6	101.5	106.0	107.9	108.0	106.5	(NA)
3-place and less	1,000	44.9	54.4	59.2	62.4	60.5	59.9	57.7	(NA)
Rotorcraft [6]	1,000	2.2	4.1	5.1	5.9	4.9	7.0	6.2	(NA)
Balloons, blimps, gliders, etc	1,000	1.6	2.8	4.0	4.8	5.0	5.0	6.2	(NA)
Airman certificates held	1,000	1,023	1,052	1,161	1,192	1,221	1,163	1,154	1,151
Pilot [7]	1,000	733	728	799	815	827	764	733	718
Held by women	Percent	4.0	5.2	6.2	6.4	6.4	6.2	4.5	4.4
Airline transport	1,000	34	43	56	64	70	70	73	75
Commercial	1,000	187	189	186	182	183	169	165	159
Private	1,000	304	306	338	343	357	329	322	319
Student	1,000	196	177	205	210	200	180	155	147
Nonpilot [8]	1,000	290	324	362	377	393	398	421	433
Ground technicians [9]	1,000	241	271	302	307	321	336	352	365
General aviation: [5]									
Hours flown [10]	Million	26.0	32.0	39.4	43.3	41.0	40.7	36.5	(NA)
Fuel consumed: [11]									
Gasoline	Mil. gal	362	397	518	570	520	(NA)	448	(NA)
Jet fuel [12]	Mil. gal	415	510	763	736	766	(NA)	887	(NA)
Domestic air cargo, revenue ton-miles flown [13]	Million	2,581	3,049	3,824	3,794	3,579	3,660	3,472	3,981
Certificated route carriers:									
Scheduled service [14]	Million	2,215	2,747	3,505	3,466	3,277	3,350	3,039	3,383
Nonscheduled service [14]	Million	80	39	57	88	[15] 302	[15] 310	[15] 433	[15] 548
Supplemental carriers [16]	Million	285	263	262	240	([15])	([15])	([15])	([15])
Aircraft accidents: [17]									
General aviation [5]	Number	4,712	4,001	4,218	3,825	3,597	3,502	3,216	3,091
Fatal	Number	641	636	721	638	622	654	578	548
Rate per 100,000 aircraft hours flown	Rate	(NA)	2.20	2.06	1.65	1.71	1.78	1.79	1.67
Fatalities	Number	1,310	1,258	1,558	1,237	1,252	1,282	1,161	1,049
Air carrier [18]	Number	55	31	21	24	15	25	16	19
Fatal	Number	8	2	5	4	–	4	5	4
Rate per 1,000,000 aircraft miles flown	Rate	(NA)	.001	.002	.001	–	.001	.001	.001
Fatalities	Number	146	122	160	351	–	4	235	15
Commuter air carriers [19]	Number	(NA)	48	61	52	38	31	27	17
Fatal	Number	(NA)	12	14	15	8	9	5	2
Rate per 1,000,000 aircraft miles flown	Rate	(NA)	.07	.06	.08	.04	.05	.02	.01
Fatalities	Number	(NA)	28	48	66	37	34	14	11
Air taxis [20]	Number	(NA)	152	198	160	170	157	133	141
Fatal	Number	(NA)	24	54	30	45	40	50	28
Rate per 100,000 aircraft hours flown	Rate	(NA)	.95	1.52	.61	1.24	1.36	.92	.90
Fatalities	Number	(NA)	69	155	77	103	94	70	60
Hijacking incidents, worldwide	Number	83	25	31	27	40	32	31	34
U.S.-registered aircraft	Number	27	12	13	13	22	8	10	19
Successful [21]	Number	18	4	2	6	13	2	4	13
Foreign-registered aircraft	Number	56	13	18	14	18	24	21	15
Successful [21]	Number	37	3	8	8	9	13	12	6

– Represents or rounds to zero. NA Not available. [1] Existing airports, heliports, seaplane bases, etc. recorded with FAA. Includes military airports with joint civil and military use. Includes U.S. outlying areas. Airport-type definitions: Public—publicly owned and under control of a public agency; private—owned by a private individual or corporation. May or may not be open for public use. [2] Fiscal year data. Does not include System Planning Grants. Includes U.S. outlying areas. 1970-1982 data are obligated Federal funds for the Airport Development Aid Program. 1983 data are appropriated Federal funds under the Airport and Airway Improvement Act of 1982. [3] Registered aircraft that flew 1 or more hours during the year. [4] Includes helicopters. [5] See text p. 613. [6] Includes autogyros; excludes air carrier helicopters. [7] Includes all active pilots. An active pilot is one with a pilot certificate and a valid medical certificate. Also includes pilots who hold only a helicopter, glider, or lighter than air certificate, not shown separately.

[8] Includes dispatchers, control tower operators, flight navigators and engineers, and ground technicians—mechanics, parachute riggers, and ground instructors. [9] No medical examinations are required, therefore, data represent all certificates on record and include retired or otherwise inactive technicians. [10] Hours flown for 1975 and 1976 are revised. In 1980, the 41.0 million flight hours comprised 13.7 hours of business and executive flying, 11.5 hours of commercial flying (including air taxi, aerial applicator, rental aircraft), 5.7 hours of instructional flying, 8.9 hours of personal flying, and 1.0 hours of flying for other purposes. Detail does not add to total due to independent estimating technique. [11] Source: 1970 and 1975, U.S. Bureau of Mines; 1978-1982 FAA General Aviation Activity and Avionics Survey. [12] Includes kerosene-type and naphtha-type jet fuels. [13] Total domestic, includes freight and air express; excludes mail. [14] Includes civilian and military freight and other revenue ton-miles. [15] Beginning 1980, supplementals included in nonscheduled service. [16] Civil and military. [17] Data from National Transportation Safety Board. [18] Beginning 1975, includes all scheduled service of U.S. Air Carriers operating under 14 CFR 121. [19] Beginning 1975, includes all scheduled service of U.S. Air Carriers operating under 14 CFR 135. [20] Beginning in 1975, includes all nonscheduled service of the U.S. Air Carriers operating under 14 CFR 135. [21] Hijacker controls flight and reaches destination or objective.

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual, and unpublished data. Includes data from U.S. Civil Aeronautics Board.

No. 1075. Airline Cost Indexes: 1970 to 1983

[Covers U.S. major and national service carriers. Major carriers have operating revenues of $1 billion or more; nationals have operating revenues from $75 million to $1 billion]

ITEM	INDEX (1972=100)								PERCENT OF CASH OPERATING EXPENSES [1]			
	1970	1975	1978	1979	1980	1981	1982	1983	1970	1975	1980	1983
Composite	**87.8**	**141.7**	**183.6**	**211.3**	**261.7**	**295.7**	**304.0**	**310.3**	**100.0**	**100.0**	**100.0**	**100.0**
Labor	82.9	129.4	178.8	191.7	212.0	233.4	251.6	273.5	46.3	41.2	35.6	36.9
Interest [2]	106.5	117.0	143.4	143.7	162.9	182.5	181.9	181.3	4.3	2.9	3.1	4.0
Fuel	94.2	252.2	339.3	495.9	774.2	903.0	852.2	767.3	12.7	19.1	30.3	25.0
Passenger food	95.5	119.8	126.1	134.7	151.7	164.8	163.1	174.5	3.9	3.4	2.9	3.1
Advertising and promotion	99.1	101.3	101.3	108.3	134.6	166.0	191.2	196.6	2.6	1.8	1.6	2.2
Landing fees	81.7	133.9	160.2	172.9	189.4	204.9	210.1	212.2	2.2	2.4	1.7	1.7
Passenger traffic commissions	81.0	153.2	199.0	227.9	316.1	392.9	408.4	436.2	2.9	3.8	5.3	6.9
All other	91.5	125.8	150.4	163.4	178.5	195.2	206.9	215.6	25.0	25.3	19.5	20.2

[1] Total operating expenses plus interest on long term debt, less depreciation and amortization. [2] Interest on debt.

Source: Air Transport Association of America, Washington, DC, *Air Transport, 1983,* annual, and unpublished data.

No. 1076. Commuter/Regional Airline Operations—Summary: 1975 to 1983

[Calendar year data. *Commuter/regional airlines operate primarily aircraft of predominately 60 passengers or less and* 18,000 pounds payload of cargo serving short haul and small community markets. Represents operations within all North America by U.S. regional carriers]

ITEM	Unit	1975	1977	1978	1979	1980	1981	1982	1983
Carriers	Number	235	242	252	258	237	277	245	218
Aircraft in service	Number	1,073	1,130	1,200	1,350	1,606	1,743	1,857	1,808
Airports served	Number	747	764	702	660	605	776	817	854
Revenue passengers enplaned	1,000	7,243	9,185	11,026	13,972	14,810	15,420	18,600	21,800
By 50 largest carriers	*1,000*	*(NA)*	*7,259*	*8,422*	*11,349*	*12,167*	*13,000*	*16,328*	*14,293*
Revenue passenger miles	Millions	733	946	1,279	1,724	1,917	2,090	2,610	3,240
Cargo pounds [1]	Millions	129	196	299	346	472	566	628	396

NA Not available. [1] Beginning 1983, excludes a major jet express package carrier.

Source: Regional Airline Association, Washington, DC, *Annual Report.*

No. 1077. Charter Passengers, by Flag of Air Carrier and by Area of Travel: 1970 to 1982

[**In thousands.** Covers charter flights to, from, or within the U.S. 1970-1975 estimates derived by multiplying available seats by passenger load factors; thereafter, based on actual passengers]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980 [1]	1981 [1]	1982 [1]
Total passengers	**3,862**	**6,236**	**5,745**	**7,390**	**9,038**	**8,309**	**6,500**	**3,329**	**3,344**	**3,814**
U.S.:										
Route carriers [2]	1,355	3,040	2,835	4,109	4,597	3,871	2,854	794	726	959
Charter (supplemental) carriers [3]	1,647	2,129	1,470	1,631	2,229	2,405	1,843	790	846	817
Foreign:										
Route carriers [2]	390	476	589	721	845	1,023	803	777	824	1,077
Charter (supplemental) carriers [3]	*470*	*591*	*851*	*929*	*1,367*	*1,010*	*1,000*	*968*	*949*	*962*
Domestic travelers	1,397	2,348	1,969	2,859	3,524	3,102	2,159	109	71	112
International travelers [4]	2,465	3,888	3,776	4,531	5,514	5,207	4,341	3,220	3,273	3,702
Transatlantic	1,816	2,366	2,321	2,716	3,539	2,821	1,908	1,144	939	975
Latin America [5]	444	806	684	1,001	1,130	1,416	1,287	688	794	863

[1] The compilation of domestic, and consequently total passengers, no longer includes charter passengers within the contiguous 48 States. In 1979, such passengers were 2,049,000 of the domestic total of 2,159,000. Beginning 1980, domestic travelers represent mainland to Hawaii and Alaska passengers only. [2] Covers charter service of scheduled airlines. See text, p. 613 for definition. [3] Covers charter service of charter airlines. Previously known as the U.S. Supplemental Airlines, with certificated charter authority from the Civil Aeronautics Board, charter airlines, as a result of the 1978 Deregulation Act, have authority to engage in both charter and scheduled services. [4] Includes other, not shown separately. [5] Includes Caribbean.

Source: National Air Carrier Association, Washington, DC, *Annual Report.*

No. 1078. Civil Aircraft Shipments: 1970 to 1982

[Represents manufacturers' shipments of non-military complete aircraft. Includes both domestic and export output]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**8,190**	**15,117**	**15,196**	**16,446**	**18,159**	**18,882**	**17,924**	**13,130**	**11,067**	**4,579**
Transports	311	263	314	238	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General aviation	7,384	14,026	14,043	15,648	17,175	18,049	16,883	11,777	10,114	4,053
Single-engine: 1- to 3-place	1,981	3,346	3,047	3,175	3,986	4,881	3,293	8,175	6,825	2,546
4-place and over	4,048	8,124	8,460	9,854	10,372	9,501	9,751			
Multi-engine	1,352	2,556	2,536	2,619	2,817	3,667	3,839	3,602	3,289	1,507
Rotorcraft	496	828	839	560	984	833	1,041	1,353	953	526

NA Not available.

Source: Through 1977, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual. Beginning 1978, U.S. Bureau of the Census, *Current Industrial Reports,* series M-37G.

No. 1079. Aerospace—Sales, New Orders, and Backlog: 1970 to 1982

[Reported by establishments in which the principal business is the development and/or production of aerospace products]

ITEM	TOTAL (bil. dol.)						PERCENT U.S. GOVERNMENT					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
Net sales	24.8	29.5	46.2	58.4	69.9	75.5	66.3	58.6	50.3	45.7	47.2	56.0
Complete aircraft and parts [1]	10.4	11.3	19.1	22.6	25.1	26.0	54.8	46.9	33.4	29.6	32.7	47.0
Aircraft engines and parts	3.1	3.4	5.6	6.9	8.5	7.6	61.5	47.0	40.6	(NA)	(NA)	(NA)
Missiles and parts	5.4	6.3	7.2	8.4	9.7	12.0	96.9	93.7	47.0	(NA)	(NA)	(NA)
Other products, services	5.9	8.5	14.3	20.5	26.6	29.9	(X)	(X)	(X)	(X)	(X)	(X)
Net, new orders	21.2	29.0	65.2	70.4	74.9	86.6	71.4	64.1	43.1	47.6	53.7	64.3
Backlog, Dec. 31	24.7	35.0	78.3	90.5	94.7	105.8	52.1	63.2	46.2	41.1	46.7	56.8

NA Not available. X Not applicable. [1] *Except engines sold separately.*

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MQ-37D.

No. 1080. Aerospace Industry Sales, by Product Group and Customer: 1970 to 1983

[In billions of dollars. Due to reporting practices and tabulating methods, figures may differ from those in table 1079]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS [1]					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Total sales	**24.9**	**30.4**	**52.9**	**63.2**	**66.2**	**75.8**	**26.7**	**23.1**	**25.2**	**26.7**	**25.8**	**27.9**
PRODUCT GROUP												
Aircraft: Total	13.9	16.4	30.1	35.9	35.4	41.2	14.9	12.4	14.4	15.2	13.8	15.2
Civil [2]	4.4	6.5	16.3	16.4	10.9	12.2	4.7	4.9	7.8	6.9	4.3	4.5
Military	9.5	9.9	13.9	19.5	24.5	29.1	10.2	7.5	6.6	8.2	9.5	10.7
Missiles	3.7	4.5	6.0	7.0	8.8	9.1	3.9	3.4	2.9	2.9	3.4	3.3
Space	4.7	4.7	7.9	9.5	10.5	13.9	5.1	3.6	3.8	4.0	4.1	5.1
Non-aerospace [3]	2.6	4.8	8.8	10.9	11.4	11.6	2.8	3.6	4.2	4.6	4.4	4.3
CUSTOMER GROUP												
Aerospace: Total	22.3	25.6	44.1	52.3	54.8	64.2	23.9	19.4	21.0	22.1	21.4	23.6
DOD [4]	14.0	13.8	21.0	26.5	32.5	39.3	15.0	10.5	10.0	11.2	12.7	14.5
NASA [5] and other agencies	3.0	2.8	4.1	4.7	4.9	5.9	3.2	2.2	2.0	2.0	1.9	2.2
Other customers [6]	5.3	8.9	19.0	21.1	17.4	19.0	5.6	6.8	9.0	8.9	6.8	7.0
Non-aerospace: [3]												
U.S. Government	1.5	2.5	4.8	6.0	6.3	6.4	1.6	1.9	2.3	2.5	2.4	2.3
Other	1.2	2.3	4.1	4.9	5.1	5.2	1.3	1.7	1.9	2.1	2.0	1.9

[1] Based on aerospace composite price deflator supplied by the International Trade Administration. [2] All civil sales of aircraft (domestic and export sales of jet transports, commuters, business and personal aircraft and helicopters). [3] Products and services other than aircraft, missiles, and space vehicles and parts *produced by establishments whose principal business is the* development and/or manufacture of aerospace products. [4] Department of Defense. [5] National Aeronautics and Space Administration. [6] Includes civil aircraft sales (see footnote 2), commercial space sales and all exports of military aircraft and missiles.

Source: Aerospace Industries Association of America, Inc., Washington, DC, *Aerospace Facts and Figures, 1984/85.*

No. 1081. Employment and Earnings in Aircraft Industries: 1970 to 1983

[Annual averages of monthly figures. Covers industries as defined by the 1972 Standard Industrial Classification Manual]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Employment, total	1,000	664	607	621	713	763	769	732	719
Aircraft	1,000	371	293	288	333	349	344	320	307
Aircraft engines and engine parts	1,000	(NA)	126	134	152	163	163	149	141
Guided missiles, space vehicles, and parts	1,000	(NA)	93	93	102	111	123	131	140
Aircraft equipment, n.e.c. [1]	1,000	(NA)	95	106	126	140	139	132	131
Average weekly earnings: Aircraft	Dollars	169	256	324	360	404	444	485	(NA)
Aircraft engines and parts	Dollars	(NA)	247	325	361	394	422	454	476
Guided missiles, space vehicles, and parts	Dollars	(NA)	245	317	347	378	410	447	481
Average hourly earnings: Aircraft	Dollars	4.17	6.21	7.70	8.50	9.66	10.74	11.85	(NA)
Aircraft engines and parts	Dollars	(NA)	6.04	7.80	8.53	9.42	10.41	11.16	11.61
Guided missiles, space vehicles, and parts	Dollars	(NA)	6.02	7.56	8.25	9.22	10.06	10.95	11.61

NA Not available. [1] N.e.c.=Not elsewhere classified.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 1082. U.S. EXPORTS OF AEROSPACE VEHICLES AND EQUIPMENT: 1980 TO 1984

ITEM	NUMBER OF UNITS					VALUE (mil. dol.)				
	1980	1981	1982	1983	1984 [1]	1980	1981	1982	1983	1984 [1]
Aerospace vehicles and equipment, total	(NA)	(NA)	(NA)	(NA)	(NA)	15,681	17,752	15,611	16,065	16,332
Civil aircraft, total	4,434	3,826	1,557	1,088	1,134	8,378	8,613	4,848	5,691	4,620
Under 10,000 lbs. empty weight, new	3,150	2,597	915	497	500	657	703	380	199	195
10,000-33,000 lbs. empty weight, new	28	20	25	22	24	83	86	137	157	200
Over 33,000 lbs. empty weight, new	237	255	121	129	85	6,849	7,180	3,834	4,683	3,600
Rotary wing, new	525	453	254	216	245	299	347	206	232	230
Other new aircraft, n.e.c.[2]	(NA)	(NA)	(NA)	(NA)	(NA)	5	32	74	122	95
Used, rebuilt, and converted	494	501	242	224	280	486	265	218	298	300
Military aircraft, total	502	508	637	936	1,200	949	1,712	2,388	1,845	2,600
Aircraft engines and parts, total	(NA)	(NA)	(NA)	(NA)	(NA)	1,887	2,318	2,539	2,736	2,635
Internal combustion and parts	(NA)	(NA)	(NA)	(NA)	(NA)	270	265	264	250	245
Military, new and used	110	252	251	139	130	4	5	4	10	7
Non-military, new	1,848	1,473	1,378	915	890	25	24	25	20	16
Non-military, used	1,365	1,308	1,150	863	850	17	21	17	16	17
Parts, n.e.c.[2]	(NA)	(NA)	(NA)	(NA)	(NA)	224	215	218	205	205
Turbines and parts	(NA)	(NA)	(NA)	(NA)	(NA)	1,616	2,054	2,275	2,486	2,390
Military, new or used	254	252	394	341	400	59	78	136	163	190
Non-military, new and used	1,393	1,729	1,743	1,440	1,500	514	739	721	914	900
Parts, n.e.c.[2]	(NA)	(NA)	(NA)	(NA)	(NA)	1,044	1,236	1,418	1,409	1,300
Missile engines and parts	(NA)	(NA)	(NA)	(NA)	(NA)	29	30	32	52	90
Propellers and parts	(NA)	(NA)	(NA)	(NA)	(NA)	57	48	43	43	43
Landing gear and parts	(NA)	(NA)	(NA)	(NA)	(NA)	92	64	74	58	49
Aircraft parts and accessories, n.e.c.[2]	(NA)	(NA)	(NA)	(NA)	(NA)	3,436	4,212	4,316	4,453	4,680
Guided missiles and space vehicles	(NA)	(NA)	(NA)	(NA)	(NA)	327	213	716	443	750
Flight simulators	(NA)	(NA)	(NA)	(NA)	(NA)	54	118	132	124	180
Space vehicle equipment, n.e.c.[2]	(NA)	(NA)	(NA)	(NA)	(NA)	392	313	385	499	750
Avionics	(NA)	(NA)	(NA)	(NA)	(NA)	80	110	137	122	115

NA Not available. [1] Forecast. [2] N.e.c. means not elsewere classified.

Source: U.S. Bureau of Industrial Economics, *U.S. Industrial Outlook, 1984* and U.S. International Trade Administration, unpublished 1983 data.

NO. 1083. U.S. RECEIPTS AND PAYMENTS FOR INTERNATIONAL TRANSPORTATION: 1965 TO 1983

[**In millions of dollars.** Data are international transportation transactions recorded for balance of payment purposes (see table 1322). Receipts include freight on exports carried by U.S.-operated carriers and foreign carrier expenditures in U.S. ports. Payments include freight on imports carried by foreign carriers and U.S. carrier port expenditures abroad. Freight on exports carried by foreign carriers is excluded since such payments are directly or indirectly for foreign account. Similarly, freight on U.S. imports carried by U.S. carriers is a domestic rather than an international transaction. Minus sign (—) indicates excess of payments over receipts. See *Historical Statistics, Colonial Times to 1970,* series U 3 and U 10, for totals]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total receipts	2,446	3,669	6,879	8,456	9,739	12,127	14,208	15,670	15,487	15,839
Ocean transportation [1]	1,731	2,256	4,065	4,906	5,587	6,868	7,757	8,027	7,686	8,182
Export freight earnings	519	604	1,183	1,339	1,621	2,091	2,641	2,803	2,549	2,934
Freight earnings on shipments between foreign countries	153	209	328	395	412	460	588	561	555	575
Port expenditures	1,041	1,406	2,481	3,137	3,511	4,235	4,435	4,552	4,468	4,558
Charter hire	9	37	73	35	43	62	93	111	114	115
Air transportation	591	1,240	2,515	3,190	3,772	4,811	5,946	7,159	7,326	7,213
Export freight earnings	91	187	390	426	507	577	742	752	762	576
Passenger fares	262	541	1,039	1,366	1,603	2,156	2,591	3,110	3,174	3,037
Port expenditures	238	512	1,086	1,398	1,662	2,078	2,613	3,297	3,390	3,600
Other transportation	124	173	299	360	380	448	505	484	475	444
Total payments	2,668	4,058	7,971	10,720	12,019	14,090	15,397	16,961	16,494	17,854
Ocean transportation	1,803	2,380	4,465	6,275	7,175	8,379	8,447	8,900	8,307	8,760
Import freight payments	1,083	1,444	3,047	4,611	5,295	6,084	5,809	6,073	5,562	5,895
Passenger fares	207	245	278	261	252	258	268	287	290	305
Port expenditures	281	316	755	1,051	1,255	1,607	1,905	2,054	1,957	2,048
Charter hire	232	375	385	352	373	430	465	486	498	512
Air transportation	775	1,581	3,346	4,206	4,600	5,448	6,705	7,785	7,938	8,829
Import freight payments	40	115	246	362	448	506	562	671	725	1,005
Passenger fares	510	970	1,985	2,487	2,644	2,926	3,339	4,200	4,482	5,227
Port expenditures	225	496	1,115	1,357	1,508	2,016	2,804	2,914	2,731	2,597
Other transportation	90	97	160	239	244	263	245	276	249	265
Receipts balance	—222	—389	—1,092	—2,264	—2,280	—1,963	—1,189	—1,291	—1,007	—2,015

[1] 1965 includes small amount for passenger fares, not shown separately.

Source: U.S. Bureau of Economic Analysis, quarterly in *Survey of Current Business.*

No. 1084. Exports and Imports, by Method of Transport: 1960 to 1983

[Exports are free alongside ship (f.a.s.) value (see text, p. 816) for all years; imports are f.a.s. value for 1975 and 1980 and customs value for other years. Export data include both domestic and foreign; import data for general imports only. For details, see source]

ITEM	Unit	EXPORTS						IMPORTS					
		1960	1970	1975	1980	1982	1983	1960	1970	1975	1980	1982	1983
All methods [1]	Bil. dol.	20.6	43.2	107.6	220.7	212.3	200.5	14.7	40.0	96.9	240.8	244.0	258.0
Vessel	Bil. dol.	13.1	24.6	63.4	120.9	119.5	103.8	11.1	24.8	63.5	165.1	155.9	156.3
Air	Bil. dol.	(NA)	6.1	15.2	46.1	45.3	46.7	(NA)	3.4	8.9	28.0	30.9	37.8
Shipping weight: Vessel	Bil. lb	248.5	480.5	538.5	801.8	801.1	721.2	398.1	598.4	855.3	976.8	753.7	736.6
Air	Bil. lb	(NA)	.9	1.4	2.3	2.1	1.9	(NA)	.6	1.1	1.3	1.7	2.3

NA Not available. [1] Includes types other than vessel and air.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1085. Waterborne Commerce—Cargo Tonnage: 1960 to 1982

[**In millions of short tons.** Includes Puerto Rico and outlying areas. Import and export figures differ slightly from those shown in tables 1091 and 1092 due to minor differences in basic concepts. See source for details. See also *Historical Statistics, Colonial Times to 1970*, series Q 530–541]

CLASS	1960	1970	1974	1975	1977	1978	1979	1980	1981	1982
Net total	1,100	1,532	1,747	1,695	1,908	2,021	2,074	1,999	1,941	1,777
Domestic commerce [1]	761	951	983	946	973	1,075	1,080	1,077	1,054	957
Coastwise, between ports	209	238	233	232	248	305	305	330	322	311
Great Lakes, between ports	155	157	146	129	109	143	144	115	115	72
Intra: Seaports, Great Lakes ports, and inland waterways ports	104	81	88	78	83	90	93	94	93	76
Ports and river ports [2]	292	474	515	507	532	538	539	539	524	498
Foreign commerce	339	581	764	749	935	946	993	922	887	820
Imports, through seaports	198	313	474	455	625	616	608	502	457	403
Imports, Great Lakes ports	13	26	29	21	33	27	25	16	20	14
Exports, through seaports	105	206	239	237	241	259	312	359	366	367
Exports, Great Lakes ports	23	36	28	35	36	44	49	45	43	36

[1] Includes traffic among ports of outlying areas. [2] Represents traffic mainly utilizing inland waterways.

No. 1086. Freight Carried on Inland Waterways, by System: 1960 to 1982

[**In billions of ton-miles.** Excludes Alaska and Hawaii, except as noted. Includes waterways, canals, and connecting channels]

SYSTEM	1960	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	220.3	318.6	358.2	354.9	342.2	372.9	368.3	409.3	424.6	406.9	410.2	351.2
Atlantic coast waterways	28.6	28.6	34.2	35.4	31.8	32.1	30.4	30.5	31.9	30.4	28.3	25.4
Gulf coast waterways	16.9	28.6	32.3	33.5	30.8	34.3	37.6	37.1	38.1	36.6	35.1	31.8
Pacific coast waterways [1]	6.0	8.4	10.5	10.3	9.7	11.3	12.8	13.6	14.1	14.9	14.4	12.8
Mississippi River system [2]	69.3	138.5	155.3	168.3	170.7	189.5	196.9	209.3	218.8	228.9	234.4	218.0
Great Lakes System [3]	99.5	114.5	125.9	107.5	99.2	105.6	90.7	118.9	121.7	96.0	98.0	63.2

[1] Beginning 1960, includes Alaskan waterways. [2] Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers. [3] Does not include traffic between foreign ports.

Source of tables 1085 and 1086: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1087. Federal Expenditures for Civil Functions of the Corps of Engineers, United States Army: 1960 to 1983

[**In millions of dollars.** 1960–1975, for fiscal years ending June 30; beginning 1977, for fiscal years ending Sept. 30. These expenditures represent the work of the Corps of Engineers to plan, design, construct, operate, and maintain civil works projects and activities, particularly in the management and improvement of rivers, harbors, and waterways for navigation, flood control, and multiple purposes. The amounts listed below do not include the expenditure of funds contributed, advanced, or reimbursed by other government agencies or local interests. Includes Puerto Rico and outlying areas]

FISCAL YEAR	Total program [1]	Navigation	Flood control	Multiple purpose	FISCAL YEAR	Total program [1]	Navigation	Flood control	Multiple purpose
1960	873	310	293	270	1978	2,645	951	1,069	583
1965	1,169	426	447	283	1979	2,934	1,083	1,218	577
1970	1,128	398	379	331	1980	3,061	1,225	1,228	551
1975	2,070	694	904	439	1981	3,198	1,339	1,273	527
1976 [2]	2,787	898	1,228	617	1982	2,940	1,331	1,083	453
1977	2,340	792	918	594	1983	2,959	1,290	1,088	482

[1] Includes expenditures which are not associated with a specific purpose (e.g., headquarters staff supervision, management, and administration activities, and some research and development activities). [2] Includes the transition quarter (July–September 1976).

Source: U.S. Corps of Engineers, *Report of Civil Works Expenditures by State and Fiscal Year*, annual.

No. 1088. Freight Carried on Mississippi River System: 1960 to 1982

[Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**Mil. sh. tons**	**234**	**302**	**391**	**443**	**453**	**498**	**537**	**553**	**582**	**584**	**589**	**540**
Inland	Mil. sh. tons	188	238	297	330	330	346	352	355	371	366	366	347
Coastwise	Mil. sh. tons	22	28	44	28	30	26	30	32	33	42	45	35
Foreign:													
Imports	Mil. sh. tons	11	13	17	37	46	67	96	99	106	91	80	57
Exports	Mil. sh. tons	13	23	34	47	48	60	60	67	73	86	98	101
Total	**Bil. ton-miles**	**69.3**	**96.6**	**138.5**	**168.2**	**170.7**	**189.5**	**196.8**	[1] **209.3**	**218.8**	**228.9**	**234.4**	**218.0**
Inland	Bil. ton-miles	62.4	87.4	125.9	150.9	151.3	164.8	166.9	176.5	184.4	193.5	199.0	187.9
Coastwise	Bil. ton-miles	3.2	3.6	4.9	4.2	4.5	4.1	4.8	5.4	5.7	7.4	7.7	6.2
Foreign:													
Imports	Bil. ton-miles	1.8	2.3	2.8	6.5	8.0	11.7	16.2	16.8	17.6	15.1	13.3	8.8
Exports	Bil. ton-miles	1.9	3.3	4.9	6.6	6.9	8.8	8.8	10.1	11.1	13.0	14.4	15.1

[1] Total reflects adjustment not available by type of traffic.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States,* annual.

No. 1089. U.S. Freight Carried on Great Lakes System: 1960 to 1982

[In billions of ton-miles]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**99.5**	**109.6**	**114.5**	**125.9**	**107.5**	**99.2**	**105.6**	**90.7**	**118.9**	**121.7**	**96.0**	**98.0**	**63.2**
Domestic	80.6	76.7	80.1	84.5	79.7	69.2	71.3	53.0	76.8	78.5	62.3	62.7	35.9
Lakewise	79.7	75.9	79.4	83.8	78.9	68.5	70.7	52.4	76.3	78.0	61.7	62.1	35.4
Internal	.7	.7	.6	.6	.6	.6	.5	.4	.4	.4	.5	.5	.4
Local [1]	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1
Foreign	18.9	32.9	34.3	41.4	27.8	29.9	34.3	37.7	42.1	43.1	33.7	35.3	27.3
Canadian	13.8	23.5	23.8	26.2	19.4	20.7	23.7	23.1	23.1	26.9	23.6	25.8	18.2
Overseas	5.1	9.4	10.5	15.2	8.4	9.3	10.7	14.7	19.0	16.2	10.1	9.5	9.1

[1] Includes coastwise traffic.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States,* annual.

No. 1090. Domestic and Foreign Waterborne Commerce, by Type of Commodity: 1970 to 1982

[**In millions of short tons.** Domestic trade includes all commercial movements between U.S. ports and on inland rivers, Great Lakes, canals, and connecting channels of U.S., Puerto Rico, and Virgin Islands. See also headnote, table 1085]

COMMODITY	1970		1975		1980		1982			
	Total	Domestic	Total	Domestic	Total	Domestic	Total	Domestic	Foreign	
									Imports	Exports
Net total	**1,531.7**	**950.7**	**1,695.0**	**946.3**	**1,998.9**	**1,077.5**	**1,776.7**	**957.0**	**416.6**	**403.1**
Petroleum products [1]	394.7	287.3	407.6	328.5	423.2	339.2	395.5	290.1	69.2	35.5
Gasoline	89.3	88.7	95.7	92.2	87.3	81.0	84.0	75.0	7.1	1.8
Distillate fuel oil	78.8	76.9	93.4	87.0	74.6	72.1	71.3	62.1	4.7	4.6
Residual fuel oil	170.5	78.8	172.1	111.5	188.0	141.3	169.3	113.3	43.1	12.9
Crude petroleum	210.5	116.3	333.6	77.9	480.2	174.2	404.2	178.4	225.8	—
Coal and lignite	225.4	154.1	219.0	152.8	256.4	164.1	263.1	156.5	.6	106.0
Nonmetallic minerals [1 2]	166.6	132.6	159.2	123.3	157.1	111.6	116.6	79.7	19.6	17.2
Sand and gravel [3]	78.4	73.9	72.4	67.9	65.1	60.8	49.5	46.9	1.5	1.1
Limestone	42.0	34.1	37.8	29.1	34.2	23.9	24.9	16.0	7.0	1.8
Phosphate rock	16.6	5.8	20.1	9.4	23.7	9.5	13.7	4.1	.2	9.5
Iron and concentrates	129.3	75.2	121.4	69.3	98.4	64.9	54.4	34.8	16.0	3.5
Farm products [1]	90.4	28.5	144.3	43.1	216.8	63.4	223.1	75.0	5.6	142.5
Corn	27.2	11.7	56.8	20.8	98.6	30.8	87.5	33.9	—	53.7
Wheat	25.0	5.8	44.4	10.4	53.4	14.3	62.7	17.7	—	44.9
Soybeans	21.2	8.3	23.2	9.4	39.6	16.1	47.7	19.8	—	28.9
Chemicals and allied products	62.0	39.7	66.5	40.0	91.9	49.4	79.5	41.7	10.8	27.0
Food and kindred products	35.0	11.0	35.5	13.3	54.8	20.4	51.6	19.3	10.6	21.7
Lumber and wood products [4]	49.9	27.3	48.2	24.7	52.0	22.7	42.0	17.0	3.1	21.9
Primary metal products	42.4	10.8	38.1	9.3	28.9	9.0	25.7	5.9	17.2	2.5
Waste and scrap	25.9	16.0	28.0	18.8	31.1	18.8	33.1	24.2	.4	8.5
Other	99.7	51.9	93.5	45.5	108.1	39.8	88.1	33.7	37.5	16.8

– Represents zero. [1] Includes categories not shown separately. [2] Excludes fuels. [3] Includes crushed rock. [4] Excludes furniture.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States,* annual.

No. 1091. Waterborne Imports and Exports—Cargo Tonnage, by Flag of Carrier Vessel: 1970 to 1983

[**In millions of short tons, except percent.** Excludes commodities classified for security reasons as "Special Category" (exports only) and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Q 524-529]

ITEM	DRY CARGO						TANKER CARGO					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Total trade	**358**	**387**	**497**	**485**	**443**	**445**	**181**	**311**	**392**	**385**	**334**	**283**
Percent by U.S. flag	6.4	5.5	4.8	5.2	4.7	5.2	4.2	5.2	2.6	4.2	4.8	7.4
Imports, total	138	137	134	137	112	116	161	291	354	326	264	251
U.S. flag	10	10	10	11	9	10	6	13	9	14	14	20
Foreign flag	128	127	124	126	103	106	156	278	345	312	250	231
Exports, total	220	250	362	347	331	329	20	21	39	60	70	32
U.S. flag	13	11	14	14	12	13	2	3	1	2	2	1
Foreign flag	207	238	348	333	319	316	18	16	38	58	68	31

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *U.S. Waterborne Exports and General Imports*, FT 985, annual; and unpublished data.

No. 1092. Waterborne Imports and Exports—Cargo Tonnage and Value, by Coastal District: 1970 to 1983

[Exports are free alongside ship (f.a.s.) value for all years; imports are f.a.s. value for 1975-1981 and customs value for 1970, 1982 and 1983, see text, p. 798. Includes commodities classified for security reasons as "Special Category" (exports only) and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III]

DISTRICT	CARGO TONNAGE (mil. sh. tons)						VALUE (bil. dol.)					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Imports:												
Atlantic	219	232	183	195	172	171	15.0	34.7	71.5	78.7	72.2	75.5
Gulf	47	134	243	214	160	140	2.9	14.3	56.4	56.9	40.8	32.5
Pacific	31	64	56	48	38	44	5.5	15.2	45.0	51.3	48.2	53.9
Great Lakes	26	22	16	20	14	16	1.3	1.7	1.9	2.5	2.0	2.0
Exports:												
Atlantic	79	80	117	116	119	87	11.9	28.7	51.0	53.4	50.2	41.2
Gulf	78	106	163	171	172	164	6.9	21.4	41.5	43.9	41.0	36.0
Pacific	48	49	78	78	74	78	4.1	10.0	25.2	27.1	25.5	25.1
Great Lakes	36	35	45	43	36	32	1.4	2.8	4.6	4.1	3.2	2.6

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *U.S. Waterborne Exports and General Imports*, FT 985, annual.

No. 1093. Containerized Cargo—Tonnage and Twenty-Foot Equivalent Units (TEU's), by Selected U.S. Ports: 1981 and 1982

[Based on reports filed for any vessel of 1,000 or more gross registered tonnage carrying 25 or more 8x8x20 foot TEU cargo container/trailer units]

PORT	LONG TONS (1,000)						TEU'S (1,000)					
	Total		Import		Export		Total		Import		Export	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
Total [1]	**37,335**	**37,330**	**16,726**	**17,390**	**20,609**	**19,940**	**3,884**	**3,946**	**1,834**	**1,952**	**2,050**	**1,994**
New York	7,737	7,186	4,563	4,350	3,174	2,836	805	757	480	463	325	294
Los Angeles	4,068	3,605	1,711	1,615	2,357	1,990	446	404	206	211	240	193
Oakland	3,226	3,259	964	1,004	2,262	2,255	353	388	119	142	234	246
Seattle	2,925	3,195	1,153	1,485	1,772	1,710	333	369	166	217	167	152
Long Beach	*2,986*	*3,088*	*1,793*	*1,798*	*1,253*	*1,290*	*361*	*364*	*241*	*242*	*120*	*122*
Baltimore	2,584	2,454	1,008	1,038	1,576	1,416	258	246	99	100	159	146
Norfolk	1,848	1,714	461	516	1,387	1,198	188	178	48	51	140	127
Houston	2,010	1,705	1,026	800	984	905	154	146	73	60	81	86
Charleston	1,303	1,299	426	439	877	860	134	140	44	46	90	94
Miami	1,228	1,316	339	438	889	878	126	130	35	42	91	88
Savannah	871	901	408	394	463	507	102	107	51	52	51	55
San Francisco	1,017	1,011	249	277	768	734	103	93	27	25	76	68
New Orleans	1,066	1,024	488	469	578	555	83	92	32	37	51	55
San Juan	*428*	*694*	*188*	*316*	*240*	*378*	*56*	*84*	*24*	*37*	*32*	*47*
Philadelphia	763	874	510	655	253	219	72	75	44	51	28	24
Portland, Oregon	521	485	103	106	418	379	44	41	12	11	32	30

[1] Includes other ports, not shown separately.

Source: U.S. Maritime Administration, *Containerized Cargo Statistics*, annual.

No. 1094. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Flag of Carrier Vessel: 1961 to 1983

[In millions of net tons, except as indicated. Includes Puerto Rico and Virgin Islands. Seaports comprise all ports except Great Lakes ports. See also *Historical Statistics, Colonial Times to 1970,* series Q 507-517]

Yearly average or year	All ports					Seaports					
	Number of vessels	Tonnage, all vessels				Tonnage, all vessels			Tonnage, with cargo		
		Total	U.S.	Percent U.S.	Foreign	Total	U.S.	Foreign	Total	U.S.	Foreign
Entered:											
1961-1965	49,670	188	33	17.9	155	166	30	136	128	19	109
1966-1970	53,459	232	29	12.5	203	206	27	180	157	18	139
1971-1975	53,760	319	30	9.5	290	292	28	264	220	24	196
1976-1980	53,700	458	40	8.7	418	425	38	387	316	30	286
1970	53,293	254	26	10.3	228	227	24	202	171	19	152
1975	51,443	355	32	9.9	323	326	30	297	240	26	215
1979	53,288	499	45	9.0	454	462	42	420	343	33	310
1980	53,645	492	52	10.6	440	460	50	410	310	34	276
1981	52,768	470	56	11.9	414	439	54	385	294	39	255
1982	47,940	438	59	13.5	379	412	57	355	255	36	219
1983	47,144	442	62	14.0	380	416	60	355	262	39	223
Cleared:											
1961-1965	48,098	189	34	17.9	155	168	30	137	96	20	76
1966-1970	52,415	232	30	12.8	202	206	27	179	122	23	99
1971-1975	53,039	324	31	9.9	293	296	29	267	149	21	127
1976-1980	52,931	453	41	9.1	412	420	38	382	203	26	177
1970	52,195	253	27	10.6	226	226	25	201	132	20	112
1975	51,017	363	34	10.3	329	334	31	303	168	23	144
1979	52,642	497	48	9.7	449	459	44	415	223	28	195
1980	52,928	487	54	11.1	433	456	51	405	246	33	213
1981	52,637	477	56	11.7	420	446	54	392	251	33	218
1982	48,409	448	60	13.4	388	421	58	363	257	35	222
1983	47,499	449	62	13.8	387	423	60	363	247	36	211

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *Vessel Entrances and Clearances,* FT 975, annual.

No. 1095. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Customs Districts: 1970 to 1983

[In millions of net tons. Excludes domestic trade. Virgin Islands and Puerto Rico included in South Atlantic Coast, Hawaii in South Pacific Coast, Alaska in North Pacific Coast]

Customs district	Vessels entered						Vessels cleared					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
North Atlantic Coast	102.1	114.2	118.6	113.4	109.9	107.2	99.9	116.6	115.2	111.4	104.5	101.2
With cargo	85.4	92.3	82.1	83.0	75.5	80.7	43.7	50.6	57.8	54.5	54.5	44.6
South Atlantic Coast	36.1	48.0	65.3	65.0	59.9	60.5	31.3	46.0	60.1	61.4	57.0	59.3
With cargo	27.1	33.8	41.9	40.1	37.3	38.3	11.9	14.3	22.4	24.8	24.6	23.7
Gulf Coast	36.1	89.1	172.7	162.3	145.2	141.3	42.8	96.1	175.0	169.2	148.6	143.9
With cargo	23.0	60.8	122.8	113.3	89.9	85.7	36.8	54.2	85.0	88.9	83.9	79.8
South Pacific Coast	27.5	38.4	53.3	53.4	55.5	59.6	27.7	41.2	45.1	48.9	55.5	55.2
With cargo	21.8	32.4	36.0	34.2	33.6	36.8	20.9	24.0	31.7	38.7	47.1	45.1
North Pacific Coast	24.9	36.8	50.6	44.8	41.5	46.9	24.3	33.8	60.3	54.4	55.9	63.2
With cargo	*13.6*	*21.1*	*26.6*	*23.4*	*18.9*	*20.7*	*19.0*	*24.5*	*49.0*	*44.3*	*47.5*	*53.8*
Great Lakes	27.5	28.8	31.1	31.0	26.0	26.1	27.2	29.4	31.5	31.4	26.2	26.6
With cargo	15.2	14.0	11.3	13.5	9.6	11.5	20.2	21.2	23.7	23.4	20.7	20.0

Source: U.S. Bureau of the Census, *Vessel Entrances and Clearances,* FT 975, annual.

No. 1096. Domestic Merchant Vessels Completed by U.S. Shipyards: 1960 to 1983

[Vessels of 1,000 gross tons and over. See also *Historical Statistics, Colonial Times to 1970,* series Q 438-448]

Item	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Merchant vessels	Number	26	13	13	15	16	17	14	15	10	12	11	13
Gross tons	1,000	410	173	342	452	615	884	912	1,149	375	275	337	376
Cargo	Number	15	11	6	3	4	2	2	4	6	2	6	6
Gross tons	1,000	134	121	120	65	57	25	27	53	105	53	221	228
Deadweight tons	1,000	163	154	134	71	76	37	30	47	114	73	219	219
Tankers	Number	11	2	7	12	12	15	12	11	4	10	5	7
Gross tons	1,000	276	52	222	387	558	859	885	1,096	270	222	116	148
Deadweight tons	1,000	456	92	427	742	1,176	1,585	1,392	1,901	354	358	226	277

Source: 1960, American Bureau of Shipping, New York, NY, annually in *The Bulletin;* thereafter, U.S. Maritime Administration, *New Ship Construction,* annual.

No. 1097. United States Flag Merchant Vessels—Number and Tons Carried: 1970 to 1983

[**Deadweight tonnage in thousands.** As of **June 30** except, beginning **1980,** as of **Sept. 30.** Covers oceangoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types such as tugs, barges, cable ships, fishing trawlers, and vessels employed on Great Lakes. See also *Historical Statistics, Colonial Times to 1970,* series Q 467-502]

ITEM	CARGO [1]						TANKER					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Number of vessels	**1,479**	**612**	**553**	**550**	**524**	**517**	**301**	**279**	**310**	**313**	**304**	**302**
Active:												
Foreign trade	354	228	195	184	171	141	32	39	32	32	26	43
Domestic trade [2]	70	49	46	40	42	40	175	156	211	195	182	164
Coastwise	10	17	12	11	7	8	132	136	103	87	77	72
Noncontiguous	43	29	34	27	32	30	35	12	45	44	39	29
Special service	146	34	44	49	37	45	42	26	23	39	38	27
Inactive:												
Temporarily	41	38	31	39	45	60	22	31	24	32	47	58
Reserve fleet	868	263	237	238	229	231	30	27	20	15	11	10
Tons carried	**15,445**	**8,175**	**7,872**	**7,919**	**7,597**	**7,991**	**7,835**	**9,433**	**16,107**	**16,556**	**16,511**	**16,746**
Active:												
Foreign trade	4,699	3,901	3,826	3,530	3,428	3,281	1,076	2,303	2,793	1,611	1,715	2,419
Domestic trade [2]	850	832	713	667	651	660	4,518	4,855	10,546	10,284	10,657	9,675
Coastwise	118	354	200	216	91	161	3,483	4,299	3,078	2,668	2,285	2,456
Noncontiguous	482	424	479	424	496	457	870	339	3,699	3,807	3,572	2,189
Special service	1,741	459	560	793	520	673	1,189	755	681	1,676	1,454	845
Inactive:												
Temporarily	472	541	451	555	644	931	691	1,173	1,806	2,748	2,492	3,608
Reserve fleet	7,684	2,442	2,322	2,374	2,356	2,446	361	347	301	239	193	199

[1] Includes combination passenger and cargo vessels, not shown separately. [2] Includes intercoastal, not shown separately.

Source: U.S. Maritime Administration, *Employment Report of the United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over,* annual.

No. 1098. Private Shipyards—Summary: 1970 to 1984

[***For calendar year, unless noted.*** *See also Historical Statistics, Colonial Times to 1970,* series Q 449-458 and series Q 467-472]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Employment	1,000	133.4	166.9	176.4	174.1	171.0	177.3	178.9	167.0	145.0	125.0
Production workers	1,000	108.5	133.4	139.9	138.4	136.7	141.8	142.2	130.2	108.7	93.8
Value of work done	Mil. dol	2,682	5,615	6,495	6,943	7,739	9,269	11,001	10,860	9,883	8,944
On ships only	Mil. dol	2,594	5,513	6,270	6,688	7,466	8,889	10,690	10,294	9,107	8,308
Value added	Mil. dol	1,616	2,923	3,825	4,107	4,587	5,338	6,304	6,407	5,752	5,206
Building activity:											
Merchant vessels: [1]											
Under construction [2]	Number	49	96	72	60	70	69	49	35	21	10
Ordered	Number	13	14	13	30	21	7	9	3	4	(NA)
Delivered	Number	13	19	25	19	21	23	22	17	15	(NA)
Cancelled	Number	–	12	–	1	1	4	1	–	–	(NA)
Under contract [3]	Number	49	79	60	70	69	49	35	21	10	(NA)
Naval vessels: [1]											
Under construction [2]	Number	108	63	88	91	102	99	91	93	105	111
Ordered	Number	6	16	15	25	13	11	28	30	27	(NA)
Delivered	*Number*	32	3	12	14	16	19	26	18	21	(NA)
Under contract [3]	Number	82	76	91	102	99	91	93	105	111	(NA)
Repairs/conversions:											
Commercial ships	Mil. dol	431	688	789	808	998	1,335	1,568	1,087	1,003	913
Naval ships	Mil. dol	359	554	718	911	969	1,134	1,251	1,386	1,819	1,909
Unfinished work: [2]											
Commercial ships	Mil. dol	765	4,350	3,000	2,120	1,940	2,070	1,000	838	372	100
Naval ships	Mil. dol	1,719	5,424	6,146	6,332	7,338	7,107	6,760	8,025	12,200	13,672

– Represents zero. NA Not available. [1] Vessels of 1,000 tons or larger. [2] As of Jan. 1. [3] As of Dec. 31.

Source: Shipbuilders Council of America, Washington, DC, *Annual Report.*

No. 1099. Employees in Government and Private Shipyards: 1960 to 1983

[**In thousands.** Annual average employment in establishments primarily engaged in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power or towed by other craft. Includes all full- and part-time employees]

YEAR	Total	Private yards	Navy yards	YEAR	Total	Private yards	Navy yards	YEAR	Total	Private yards	Navy yards
1960	208	112	96	1975	217	154	65	1980	251	178	73
1970	216	134	83	1976	233	168	65	1981	264	187	77
1972	216	146	70	1977	242	174	68	1982	252	172	80
1973	214	149	65	1978	243	172	71	1983	229	147	82
1974	225	161	64	1979	244	173	71				

Source: U.S. Bureau of Labor Statistics, unpublished data. (Data for private yards published monthly in *Employment and Earnings.*)

No. 1100. Employment on U.S. Flag Merchant Vessels, 1960 to 1983, and Basic Monthly (January) Wage Scale for Ablebodied Seamen, 1960 to 1984

[**Employment in thousands.** See also *Historical Statistics, Colonial Times to 1970,* series Q 414–416]

YEAR	Employment [1]	YEAR	Employment [1]	YEAR	East coast wage rate [2]	West coast wage rate [2]	YEAR	East coast wage rate [2]	West coast wage rate [2]
1960	49.2	1979	19.7	1970	$470	$662	1980	$967	$1,414
1970	37.6	1980	19.6	1975	612	900	1981	1,120	1,535
1975	20.5	1981	18.3	1976	688	1,001	1982	1,204	1,686
1977	20.9	1982	16.7	1977	737	1,072	1983	1,320	1,862
1978	19.9	1983	15.3	1978	804	1,172	1984	1,419	2,029
				1979	865	1,287			

[1] As of June 30, except beginning 1978, as of Sept. 30. Estimates of personnel employed on merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, U.S. Army and Navy, and special types such as cable ships, tugs, etc. [2] Basic monthly wage, over and above subsistence (board and room); excludes overtime and fringe pay benefits. West coast incorporates extra pay for Saturdays and Sundays at sea into base wages but east coast does not.

Source: U.S. Maritime Administration, 1960, *Seafaring Wage Rates;* thereafter, unpublished data.

No. 1101. Worldwide Tanker Casualties: 1974 to 1984

[Data for 1974–1982 covers tankers, ore/oil carriers and bulk/oil vessels of 6,000 deadweight tons and over; beginning 1983, 10,000 deadweight tons and over; excludes liquid gas carriers. Incident is counted in the year it is reported. Based on data from "Lloyd's List" published by Lloyd's of London. "Casualties" include weather damage, strandings, collisions and other contact, fires and explosions, machinery damage, and other mishaps]

ITEM	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984 [1]
Total losses [2]	Number	14	22	20	20	17	26	15	21	21	11	4
Deaths	Number	94	90	226	113	148	306	132	73	72	14	50
Oil spills	Number	48	45	29	49	35	65	32	33	9	17	5
Amount	1,000 tons	67.1	188.0	204.2	213.1	260.5	723.5	135.6	45.3	1.8	387.8	2.3

[1] Jan.–June. [2] Excludes losses due to hostilities.

Source: Tanker Advisory Center, Inc., New York, NY, "Worldwide Tanker Casualty Returns," quarterly.

No. 1102. Merchant Vessels—World and United States: 1960 to 1983

[**Vessels of 100 gross tons and over.** Excludes sailing ships, nonpropelled craft, and all ships built of wood. See also *Historical Statistics, Colonial Times to 1970,* series Q 473–480]

YEAR	WORLD: COMPLETED		WORLD: OWNED		U.S.: COMPLETED		U.S.: OWNED	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1960	2,005	8,382	36,311	129,770	49	379	4,059	24,837
1965	2,202	11,763	41,865	160,392	116	218	3,416	21,527
1970	2,814	20,980	52,444	227,490	156	375	2,983	18,463
1979	2,466	14,289	71,129	413,021	182	1,352	5,088	17,542
1980	2,412	13,101	73,882	419,911	205	555	5,579	18,464
1981	2,269	16,932	73,864	420,835	223	360	5,869	18,908
1982	2,312	16,820	75,151	424,742	204	216	6,133	19,111
1983	2,276	15,911	76,106	422,590	159	381	6,437	19,358

Source: Lloyd's Register of Shipping, London, England, *Statistical Tables,* annual; and *Annual Summary of Merchant Ships Completed in the World.*

No. 1103. Merchant Vessels—Ships and Tonnage Lost Worldwide, by Type of Ship: 1979 to 1982

[**For merchant vessels of 100 gross tons or more.** Excludes ships which have been declared constructive losses but have undergone repair during the year. Loss counted in the year the casualty is declared, as opposed to the year it is reported]

Type of ship	Ships lost					Gross tonnage lost (1,000)				
				1982					1982	
	1979	1980	1981	Total	Percent of total	1979	1980	1981	Total	Percent of total
Total [1]	**465**	**387**	**359**	**402**	**100.0**	**2,210**	**1,804**	**1,238**	**1,632**	**100.0**
Tankers	29	24	22	26	6.5	939	707	293	609	37.3
Ore/bulk carriers [2]	17	21	16	17	4.2	374	458	307	288	17.6
General cargo	273	211	217	212	52.7	785	478	533	610	37.4
Passenger [3]	5	9	3	2	.5	46	112	17	5	.3
Fishing	110	95	65	96	23.9	35	30	19	34	2.1

[1] Includes types not shown separately. [2] Includes ore/bulk/oil carriers. [3] Includes cargo-passenger ships.

Source: Lloyd's Register of Shipping, London, England, *Casualty Return*, annual.

No. 1104. Merchant Fleets of the World: 1970 to 1982

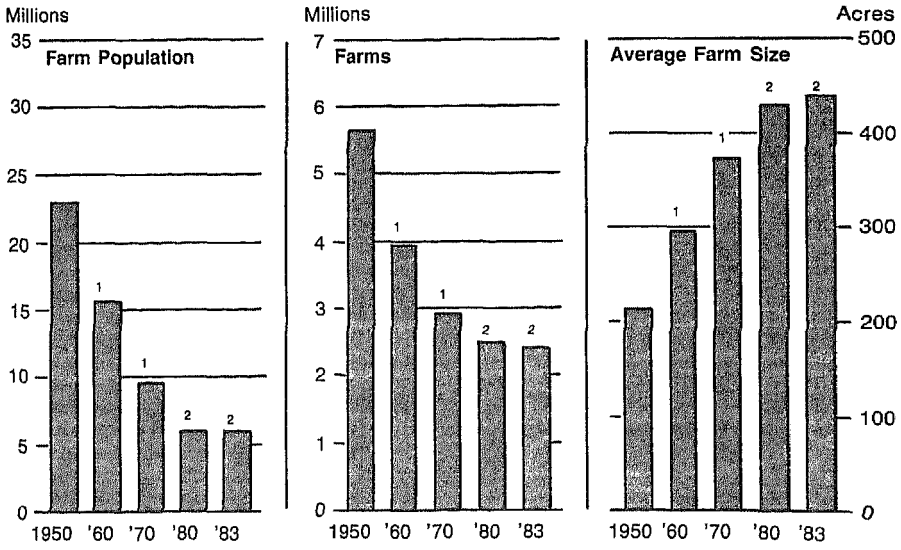
[**Vessels of 1,000 gross tons and over. 1970–1975** as of **Dec. 31. Beginning 1980,** as of **Jan. 1** of the following year. Specified *countries* have 100 or more ships]

Year and country of registry, **1982**	Total		Passenger/ cargo comb.		Freighters		Bulk carriers [1]		Tankers	
	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)
1970, world total	**19,980**	**13**	**895**	**21**	**11,899**	**13**	**2,954**	**8**	**4,232**	**11**
United States	1,579	22	171	25	1,076	23	38	25	294	19
Foreign	18,401	12	724	20	10,823	13	2,916	8	3,938	10
1975, world total	**22,872**	**12**	**714**	**21**	**12,575**	**13**	**4,272**	**9**	**5,311**	**11**
United States	857	21	60	29	511	21	19	25	267	19
Foreign	22,015	12	654	21	12,064	13	4,253	9	5,044	11
1980, world total	**24,867**	**13**	**468**	**24**	**14,242**	**14**	**4,798**	**10**	**5,359**	**12**
United States	864	23	65	34	471	23	20	22	308	20
Foreign	*24,003*	13	403	22	13,771	13	4,778	10	5,051	11
1981, world total	**25,110**	**13**	**405**	**25**	**14,201**	**14**	**4,987**	**10**	**5,517**	**12**
United States	853	23	63	35	457	24	19	21	314	20
Foreign	24,257	12	342	23	13,744	13	4,968	10	5,203	11
1982, world total	**25,482**	**13**	**404**	**24**	**14,280**	**14**	**5,215**	**10**	**5,583**	**12**
United States	832	23	55	35	446	25	25	19	306	19
Privately owned	*573*	18	8	25	247	17	25	19	293	19
Government-owned	259	35	47	37	199	34	–	–	13	38
Foreign	**24,650**	**13**	**349**	**23**	**13,834**	**14**	**5,190**	**10**	**5,277**	**12**
Argentina	193	18	1	31	107	16	18	16	67	21
Brazil	345	13	4	34	194	16	78	4	70	13
British Colonies	*259*	11	2	20	129	13	100	8	28	13
Bulgaria	110	12	4	8	46	14	43	10	17	14
Canada	103	20	6	25	34	19	16	24	47	19
China: Mainland	811	16	8	25	573	16	126	12	104	15
Taiwan	155	13	1	11	96	13	44	11	14	13
Cyprus	368	19	3	22	304	20	28	19	33	12
Denmark	*258*	7	3	18	154	6	22	6	79	6
Egypt	103	17	13	27	75	13	2	15	13	27
Finland	159	10	4	8	78	11	37	7	40	11
France	318	9	3	16	163	9	47	8	105	11
Germany Dem. Rep	158	12	2	28	132	11	20	16	4	11
Germany, Fed. Rep. of	439	7	3	1	305	7	40	9	91	6
Greece	*2,604*	16	47	30	1,241	18	909	13	407	17
India	385	13	7	17	224	14	114	11	40	8
Indonesia	311	16	10	22	231	17	13	11	57	13
Italy	605	16	16	25	228	16	132	15	229	17
Japan	1,755	7	8	9	689	8	508	7	552	6
Korea, Rep. of	474	11	–	–	250	12	154	10	70	12
Lebanon	*108*	22	–	–	102	22	4	20	–	–
Liberia	2,145	10	8	21	486	10	854	10	797	10
Malaysia	115	15	3	32	76	18	16	5	20	7
Netherlands	454	8	4	24	356	7	28	7	66	12
Norway	577	7	20	17	153	7	143	7	261	7
Panama	3,141	14	31	29	2,055	15	662	11	393	13
Philippines	292	16	16	20	182	17	55	11	39	21
Poland	310	12	4	18	212	13	81	10	13	7
Romania	223	8	1	44	164	8	50	7	8	8
Saudi Arabia	192	18	3	21	102	22	14	16	73	14
Singapore	588	14	6	19	393	15	84	10	105	11
Soviet Union	2,482	14	47	21	1,802	14	175	10	458	15
Spain	517	9	1	53	325	8	73	8	118	11
Sweden	221	8	4	13	121	8	20	8	76	8
Turkey	223	12	8	30	140	12	38	11	37	12
United Kingdom	816	10	9	16	321	9	164	9	322	10
Yugoslavia	253	15	4	20	189	16	50	11	10	14
All others	2,081	13	35	21	1,402	14	230	10	414	11

– Represents zero. [1] Includes bulk/oil, ore/oil, and ore/bulk/oil carriers.

Source: U.S. Maritime Administration, *A Statistical Analysis of the World's Merchant Fleets*, annual.

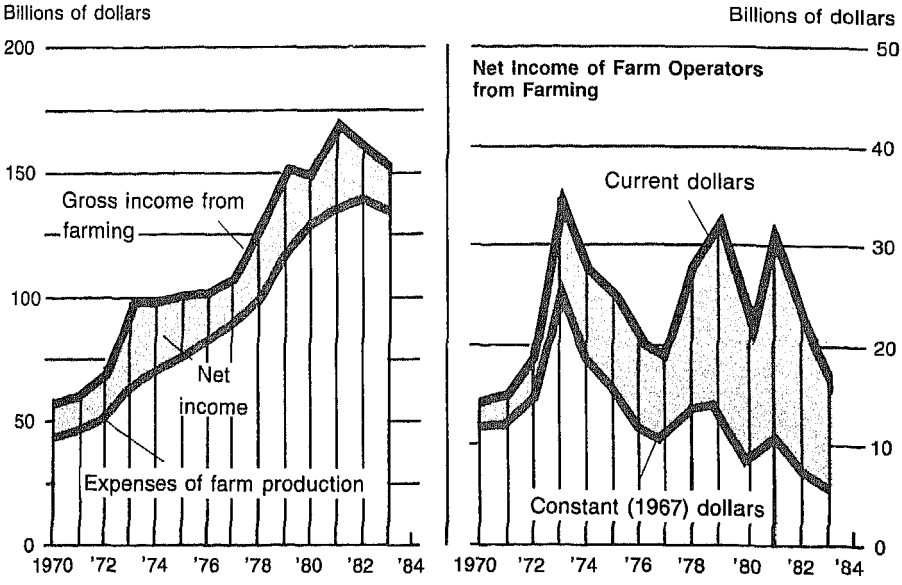
Figure 24.1
Changes in Farming: 1950 to 1983



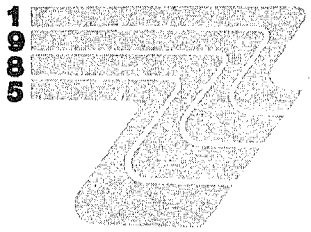
[1] 1969 definition, [2] 1974 definition.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1105 and 1109.

Figure 24.2
Farm Income and Expenses: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1133.



Section 24

Agriculture

This section presents statistics on farms and farm population; land use and irrigation; farm cooperatives; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources of these data are the reports issued by the U.S. Bureau of the Census and by the Statistical Reporting Service (SRS) and the Economic Research Service (ERS) of the U.S. Department of Agriculture. The Bureau of the Census has taken a census of agriculture every 10 years from 1840 to 1920 and roughly every 5 years from 1925 through 1974. Two 4-year censuses, taken for 1978 and 1982, adjusted the data reference year to coincide with the economic censuses for 1982. The 1982 Census of Agriculture is the most recent census for which reports are presently available. The Department of Agriculture publishes annually *Agricultural Statistics,* a general reference book on agricultural production, supplies, consumption, facilities, costs, and returns. The Economic Research Service publishes a series of annual reports, *Economic Indicators of the Farm Sector.* This series comprises five reports: *Income and Balance Sheet Statistics, State Income and Balance Sheet Statistics, Production and Efficiency Statistics, Costs of Production,* and *Farm Sector Review.* Situation reports issued periodically by the ERS present current data on a variety of crops. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade of the United States,* published by the ERS, and the reports of the Bureau of the Census, particularly *U.S. General Imports, Schedule A, Commodity by Country,* and *U.S. Exports, Schedule B, Commodity by Country.*

Agricultural statistics have been issued by the Department of Agriculture for over 100 years. The 44 field offices of the SRS collect data on crops, livestock products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 75 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Crop Reporting Board of SRS which reviews the estimates and issues reports containing State and national data. Among these reports are two annual summaries, *Crop Production* and *Crop Values.*

Farms and farmland.—Over time, the Bureau of the Census has used varying definitions of a farm. Data shown from the census of agriculture reflect the changes in definition since figures are presented for "farms" as defined during the years indicated. For the Census of Agriculture for 1974, 1978, and 1982, a farm was defined as any place from which $1,000 or more of agricultural products were sold, or would have been sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. Volume I census reports for 1978 and 1982 provide an explanation of the definition. The effect of the change in definition must be considered when comparing coverage estimates for all farms in the 1974, 1978, and 1982 censuses with those in previous censuses. In the 1969 census, as well as the 1959 and 1964 censuses, places of less than 10 acres were counted as farms if estimated sales of agricultural products for the year amounted to at least $250, and places of 10 or more acres if such sales amounted to at least $50. In the 1950 and 1954 censuses, places of 3 or more acres were counted as farms if the annual value of agricultural products, exclusive of homegarden products, amounted to $150 or more; places of less than 3 acres were counted as farms only if the annual sales amounted to $150 or more. For definitions used in earlier censuses, see *U.S. Census of Agriculture: 1978, Vol. 5, Part 4, Procedural History.*

Unless otherwise stated in the specific tables of this section, the definition of a farm applicable to data originated by the Department of Agriculture is the one used by the Bureau of the Census for the agriculture census immediately preceding the year or years for which the data are shown.

Currently included as farms are such diverse enterprises as nurseries, greenhouses, sod farms, mushroom operations, cranberry bogs, feedlots, fish farms, and hatcheries; excluded are business enterprises exclusively engaged in forest production and in production of fish, oysters, fowl, etc., from the ocean, game preserves, parks, and the like, when not grown in captivity. In the case of landowners who had one or more tenants, or renters, the land operated by each was counted as a separate farm.

Farmland refers to all land under the control of a farm operator and considered as part of his farm, including land not actually under cultivation or not used for pasture or grazing. Rent-free land was included as part of the farm only if the operator had sole use of it. Land used for pasture or grazing on a per head basis that was neither owned nor leased by a farm operator is not included except for grazing lands controlled by grazing associations leased on a per acre basis.

State totals for 1982 are not directly comparable with totals for 1978 or earlier censuses because of changes in the procedures of collecting data. For details, see 1982 census reports. Coverage estimates for 1982 indicate about 9.1 percent of all farms were not included in census totals. Coverage evaluation studies for the 1978 census indicated that 3.4 percent of all farms were not included in the census. Farms missed in the census were usually small and accounted for approximately 2 percent of the total value of agricultural products sold and approximately 2 percent of the land in farms. For more explanation about data comparability, see Appendixes A and C, *1982 Census of Agriculture, volume I reports and Coverage Evaluation, Volume 2, Part 2.*

Farm population.—Farm population consists of all persons living on farms in rural areas. Data prior to 1960 are based on self-identification by respondents as to whether they live on a farm, and are not based on any criterion for the definition of a farm. Except as noted, farm population data shown for 1960 to 1977 are based on the definition of a farm used for the 1969 Census of Agriculture. Farm population data for 1978 to 1983 are shown on the bases of both the 1969 and 1974 census farm definitions and are so indicated.

Irrigation.—Irrigated land is defined by the Bureau of the Census as the acreage in farms to which water is artificially applied during the census year. In addition to collecting information on irrigation from individual farms in the census of agriculture, the Bureau of the Census collects data on the operation of irrigation water supply organizations at 10-year intervals. In 1978, irrigation information was collected from both individual farms and irrigation organizations.

Farm income.—Gross farm income comprises cash receipts from farm marketings of crops and livestock, Federal government payments made directly to farmers for farm-related activities, rental value of farm homes, value of farm products consumed in farm homes and other farm-related income such as machine hire and custom work. Farm marketings represent agricultural products sold by farmers multiplied by prices received per unit of production at the local market.

Information on prices received for farm products is generally obtained by the SRS Crop Reporting Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities direct from producers. In some cases, the price information is obtained directly from the producers. Season average prices received by farmers are calculated by weighting monthly prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

Crops.—Estimates of crop acreage and production by the SRS are based on current sample survey data obtained from individual reporters and objective yield counts, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from other sources. Cotton acreage and production are based on sample survey data and on ginning information gathered by the Bureau of the Census.

Price supports.—Under law, farm income from many commodities is supported through two basic Government-supported mechanisms available to producers of eligible commodities: (1) *a market price support* (loan rate) through which producers may place any portion of their production in approved storage and receive a loan at a specified rate. The farmer may repay the loan with interest and retain the commodity or, at the end of the loan period (currently nine months), forfeit the commodity as full payment of the loan; (2) *a farm income support* (target price) whose payments vary inversely with the market price of the specified commodity. "Deficiency payments" are made when market prices for a specified period are below the target prices. The payment rate is the difference between the target price and market price, or between the target price and loan rate, whichever is smaller.

Livestock.—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods. The U.S. Census of Agriculture numbers of livestock are the result of field enumeration of farm and ranch operators up until 1969. The 1969 and later censuses were taken by mail and include adjustments for nonresponse. The 1978 census includes the results of an area sample to account for farms and ranches not on the mailing list.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau and Department of Agriculture data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1105. Farm Population, 1930 to 1983, and Farm Employment, by Type, 1930 to 1984

[**In thousands, except percent.** For definition of farm population, see text, p 630. See also *Historical Statistics, Colonial Times to 1970,* series C 76 and K 1-2 and K 174-176]

Year	Farm population [1]		Year	Farm population [1]		Year	Farm employment [3]		
	Total	Percent of total population [2]		Total	Percent of total population [2]		Total	Family members [4]	Hired workers [5]
1930	30,529	24.9	1969 definition—Con.			1930	12,497	9,307	3,190
1935	32,161	25.3				1935	12,733	9,855	2,878
1940	30,547	23.2	1970	9,712	4.8	1940	10,979	8,300	2,679
1945	24,420	17.5	1971	9,425	4.6	1945	10,000	7,881	2,119
1950	23,048	15.3	1972	9,610	4.6	1950	9,926	7,597	2,329
			1973	9,472	4.5				
1955	19,078	11.6	1974	9,264	4.4	1955	8,381	6,345	2,036
1956	18,712	11.2	1975	8,864	4.2	1960	7,057	5,172	1,885
1957	17,656	10.4				1965	5,610	4,128	1,482
1958	17,128	9.9	1976	8,253	3.8	1970	4,523	3,348	1,175
1959	16,592	9.4	1977	7,806	3.6				
			1978	8,005	3.7	1971	4,436	3,275	1,161
1969 definition			1979	7,553	3.4	1972	4,373	3,228	1,146
			1980	7,241	3.3	1973	4,337	3,169	1,168
1960	15,635	8.7	1981	6,942	3.1	1974	4,389	3,075	1,314
1961	14,803	8.1	1982	6,670	3.0				
1962	14,313	7.7	1983	7,029	3.0	1975	4,342	3,025	1,317
1963	13,367	7.1				1976	4,374	2,997	1,377
1964	12,954	6.8	1974 definition			1977	4,170	2,863	1,307
						1978	3,957	2,689	1,268
1965	12,363	6.4	1978	6,501	3.0				
1966	11,595	5.9	1979	6,241	2.8	1979	3,774	2,501	1,273
1967	10,875	5.5	1980	6,051	2.7	1980	3,705	2,402	1,303
1968	10,454	5.3	1981	5,790	2.6	1981	3,330	2,236	1,094
1969	10,307	5.1	1982	5,620	2.4	1982	4,043	2,494	1,549
			1983	5,787	2.5	1983	3,749	2,271	1,478
						1984	3,750	2,315	1,435

[1] As of April 1 except, beginning 1960, April-centered annual averages. Prior to 1959, excludes Alaska, and 1960, Hawaii. [2] Includes Armed Forces abroad. [3] Prior to 1974, averages of monthly estimates of employed during last full calendar week ending at least one day before end of month; 1974-1980 annual quarterly averages; 1981, average based on employment data from Jan. and April quarterly surveys; 1982-1984, based on July survey. [4] Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of farm work during survey week. [5] Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population Estimates, 1910-70; Farm Population Estimates,* annual and *Farm Labor,* quarterly through April 1981 and annual beginning July 1982. Population data also published by U.S. Bureau of the Census in *Current Population Reports,* series P-27, No. 57, and earlier reports.

No. 1106. Farm Population, by Characteristics: 1960 to 1983

[**1960,** as of **April**; beginning **1970, April-centered** annual averages. For definition of farm population, see text, p. 630]

Characteristic	Farm population (1,000)							Percent distribution			
	1969 definition			1974 definition				1969 definition		1974 definition	
					1983						
	1960	1970	1980	1980	Total	Male	Female	1960	1970	1980	1983
Total	**15,669**	**9,712**	**7,241**	**6,051**	**5,767**	**3,030**	**2,757**	**100.0**	**100.0**	**100.0**	**100.0**
White	13,092	8,775	6,828	5,714	5,563	2,917	2,645	83.6	90.4	94.4	96.1
Black and other races	2,577	938	413	337	225	113	112	16.4	9.7	5.6	3.9
Under 14 years of age	4,995	2,490	1,391	1,146	1,128	605	523	31.9	25.6	18.9	19.5
14 years of age and over	10,674	7,222	5,851	4,905	4,659	2,425	2,235	68.1	74.4	81.1	80.5
14–19 years	1,868	1,316	926	790	644	359	285	11.9	13.6	13.1	11.1
20–24 years	763	502	502	444	436	242	194	4.9	5.2	7.3	7.5
25–34 years	1,461	770	735	606	634	338	296	9.3	7.9	10.0	11.0
35–44 years	1,803	1,061	862	712	714	360	354	11.5	10.9	11.8	12.3
45–64 years	3,453	2,452	1,892	1,607	1,459	735	724	22.0	25.2	26.6	25.2
65 years and over	1,326	1,122	934	746	773	391	382	8.5	11.6	12.3	13.4
In labor force [1]	6,266	4,293	3,682	3,139	2,969	1,931	1,038	58.7	59.4	64.0	63.7
Employed, agriculture	4,025	2,333	1,722	1,642	1,571	1,253	318	37.7	32.3	33.5	33.7
Percent of total	64.2	54.3	46.8	52.3	52.9	64.9	30.6	(x)	(x)	(x)	(x)
Self-employed	2,405	1,411	1,083	1,034	991	861	130	22.5	19.5	21.1	21.3
Wage and salary workers	782	395	344	326	373	312	61	7.3	5.5	6.6	8.0
Unpaid family workers	838	526	295	282	207	80	127	7.9	7.3	5.7	4.4
Employed, nonagriculture	2,064	1,878	1,853	1,415	1,291	616	675	19.3	26.0	28.8	27.7
Self-employed	(NA)	159	210	161	143	85	58	(NA)	2.2	3.3	3.1
Wage and salary workers	(NA)	1,698	1,624	1,239	1,140	530	610	(NA)	23.5	25.3	24.5
Unpaid family workers	(NA)	21	19	16	8	1	7	(NA)	.3	.3	.2
Unemployed	177	82	106	82	108	62	46	1.7	1.1	1.7	2.3
Not in labor force [1]	4,408	2,929	2,169	1,766	1,690	493	1,196	41.3	40.6	36.0	36.3

NA Not available. X Not applicable. [1] 14 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-27, No. 57 and earlier reports, and unpublished data.

No. 1107. Characteristics of Farm and Nonfarm Families: 1970 to 1983

[As of **March**. 1970 based on 1969 census farm definition, 1980 and 1983 based on 1974 definition; see text, p. 630. Based on Current Population Survey, see text, pp.1 and 2 and Appendix III. 1970, 1980 and 1983 data are based on population controls from 1960, 1970 and 1980 censuses respectively; see text, p. 2]

Characteristic	1970			1980			1983		
	Total	Farm	Nonfarm	Total	Farm	Nonfarm	Total	Farm	Nonfarm
Total families (1,000)	51,237	2,457	48,781	58,426	1,666	56,760	61,393	1,617	59,777
Persons per family	3.62	3.77	3.61	3.28	3.35	3.27	3.26	3.30	3.26
With own children under 18 (1,000)	28,665	1,169	27,496	30,517	745	29,772	30,818	692	30,126
Mean number of own children	2.33	2.61	2.32	1.89	2.00	1.89	1.87	2.05	1.86
Percent with: 1 or 2 children	63.6	57.2	63.9	77.0	71.5	77.2	76.9	73.8	79.0
3 or 4 children	28.5	29.3	28.5	20.4	24.8	20.3	19.1	22.4	19.0
5 or more children	7.8	13.5	7.6	2.5	3.5	2.5	2.0	3.6	2.0
Percent distribution:									
Married couple	86.7	90.5	86.5	82.5	92.3	82.2	81.3	91.8	81.0
Male householder, no wife present	2.4	4.2	2.3	2.9	3.4	2.9	3.3	3.1	3.3
Female householder, no husband present	10.9	5.3	11.2	14.6	4.4	14.9	15.4	5.0	15.7
2-person families	34.5	37.0	34.3	39.2	42.7	39.1	39.7	42.0	39.7
3-to-5 person families	52.7	46.4	53.1	53.7	47.1	53.9	54.1	50.2	54.2
6-or-more person families	12.9	16.6	12.6	7.1	10.3	7.0	6.2	7.9	6.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 218, and series P-27, Nos. 54 and 57.

No. 1108. Money Income of Farm and Nonfarm Families, by Race: 1975 to 1982

[*Number of families as of* **March 1983.** *1975 data are based on population controls from 1970 census; 1980 and 1982 data are based on population controls from 1980 census. 1975 based on 1969 census farm definition, later data based on 1974 census farm definition. See headnote, table 742. For definition of median, see Guide to Tabular Presentation*]

Race	Median family income (constant 1982 dollars)			Number of families, 1983 (1,000)	Percent families with 1982 income of—				
	1975	*1980*	*1982*		Under $10,000	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000 or more
All families	24,594	24,627	23,433	61,393	16.6	12.5	12.1	12.3	46.4
Farm	19,450	18,455	18,756	1,617	24.9	14.0	14.1	13.5	33.5
Nonfarm	24,801	24,776	23,585	59,777	16.4	12.4	12.1	12.3	46.8
White	25,586	25,658	24,603	53,407	13.9	12.1	12.3	12.6	49.1
Farm	20,155	18,832	19,042	1,568	24.3	13.8	14.3	13.6	33.9
Nonfarm	25,809	25,841	24,799	51,839	13.6	12.0	12.2	12.6	49.5
Black	15,743	14,847	13,599	6,530	37.9	15.7	11.2	10.7	24.5
Farm	8,864	(B)	(B)	40	(B)	(B)	(B)	(B)	(B)
Nonfarm	15,910	14,877	13,648	6,490	37.8	15.6	11.3	10.7	24.6

B Base less than 75,000.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-27, No. 57.

No. 1109. Farms—Number and Acreage: 1950 to 1984

[Estimated. Prior to 1959, excludes Alaska and Hawaii. For definition of farms and farmland, see text, pp. 629 and 630. 1950 and 1954, farms and farmlands as defined in census year shown; beginning 1959, based on census year definition indicated. Data for *census years (indicated by italics)* have been adjusted for underenumeration and are used as reference points along with data from acreage and livestock surveys in estimating data for other years. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

Year	Farms		Land in farms		Year	Farms		Land in farms	
	Number (1,000)	Annual change [1] (1,000)	Total (mil. acres)	Average per farm (acres)		Number (1,000)	Annual change [1] (1,000)	Total (mil. acres)	Average per farm (acres)
1950	5,648	−64	1,202	213	1969 DEFINITION—Con.				
1954	4,798	−213	1,206	251	1976	2,736	−29	1,078	394
1969 DEFINITION					1977	2,706	−32	1,075	397
					1978	2,672	−34	1,072	401
1959	4,105	−139	1,183	288	1974 DEFINITION				
1960	3,963	−142	1,176	297					
1964	3,457	−127	1,146	332	1975	2,521	(X)	1,059	420
1965	3,356	−101	1,140	340	1976	2,497	−24	1,054	422
1969	3,000	−89	1,108	369	1977	2,456	−41	1,048	427
1970	2,949	−51	1,102	374	*1978*	2,436	−20	1,045	429
1971	2,902	−47	1,097	378	1979	2,432	−4	1,042	428
1972	2,860	−42	1,092	382	1980	2,433	−1	1,039	427
1973	2,823	−37	1,088	385	1981	2,434	1	1,034	425
1974	2,795	−28	1,084	388	*1982*	*2,401*	*−33*	*1,028*	*428*
1975	2,767	−28	1,081	391	1983	2,370	−31	1,024	432
					1984, prel	2,333	−37	1,020	437

X Not applicable. [1] Average annual change from preceding year shown. For 1950, change from 1945.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Number of Farms, 1910–1959; Land in Farms 1950–1959, by States* (Statistical Bulletin No. 316); *Number of Farms and Land in Farms, 1959–70* (Statistical Bulletin No. 507); *Farms and Land in Farms, 1969–75* (Statistical Bulletin No. 594); *Farm Numbers, 1975–80; and Crop Production* (August 1984 release).

No. 1110. Farm Population, by State: 1960 to 1980

[As of **April 1** except **1960** and **1970, April-centered** annual averages, **1960** and **1970,** based on **1969** census farm definition; **1980** based on **1974** census farm definition. See text, p. 648. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series K 17–81]

REGION, DIVISION, AND STATE	1960 (1,000)	1970 (1,000)	1980 Total (1,000)	1980 Percent of total population
U.S	**15,635**	**9,712**	**5,618**	**2.48**
Regions:				
Northeast	1,119	699	357	.73
Midwest	5,836	4,305	2,878	4.89
South	7,160	3,754	1,777	2.36
West	1,520	954	605	1.40
New England	**232**	**128**	**57**	**.46**
Maine	61	30	14	1.24
New Hampshire	22	11	7	.72
Vermont	*56*	*32*	*18*	*3.53*
Massachusetts	50	28	10	.17
Rhode Island	6	4	1	.12
Connecticut	36	23	7	.24
Mid. Atlantic	**887**	**571**	**300**	**.82**
New York	387	239	123	.70
New Jersey	71	47	19	.26
Pennsylvania	*428*	*284*	*158*	*1.33*
East No. Central	**2,821**	**2,053**	**1,322**	**3.17**
Ohio	581	415	272	2.51
Indiana	539	416	276	5.03
Illinois	621	473	314	2.75
Michigan	466	305	178	1.92
Wisconsin	594	445	283	6.01
West No. Central	**3,015**	**2,252**	**1,556**	**9.06**
Minnesota	624	482	315	7.74
Iowa	703	544	391	13.42
Missouri	695	395	282	5.74
North Dakota	207	154	104	15.92
South Dakota	217	172	113	16.34
Nebraska	329	253	178	11.35
Kansas	*340*	*252*	*173*	*7.91*
South Atlantic	**2,838**	**1,357**	**619**	**1.67**
Delaware	27	15	10	1.72
Maryland	132	79	45	1.07
Virginia	467	238	113	2.12
West Virginia	155	78	29	1.47
North Carolina	950	463	186	3.20
South Carolina	433	144	54	1.72
Georgia	515	228	121	2.22
Florida	157	113	59	.60
East So. Central	**2,494**	**1,329**	**593**	**4.04**
Kentucky	618	452	245	6.68
Tennessee	677	384	176	3.83
Alabama	519	216	88	2.25
Mississippi	680	277	85	3.36
West So. Central	**1,828**	**1,069**	**565**	**2.38**
Arkansas	415	228	108	4.71
Louisiana	313	160	59	1.40
Oklahoma	294	209	130	4.29
Texas	806	471	269	1.89
Mountain	**678**	**446**	**264**	**2.32**
Montana	115	90	58	7.42
Idaho	148	102	69	7.32
Wyoming	47	33	19	4.13
Colorado	143	94	59	2.05
New Mexico	72	45	20	1.54
Arizona	74	34	14	.51
Utah	65	38	18	1.26
Nevada	13	9	6	.69
Pacific	**842**	**508**	**342**	**1.07**
Washington	199	133	82	1.98
Oregon	165	119	78	2.96
California	463	249	176	.75
Alaska	3	2	1	.20
Hawaii	12	6	5	.47

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population Estimates, 1910–70* (Statistical Bulletin No. 523), and U.S. Bureau of the Census, *1980 Census of Population,* vol. I, chapter C (PC80–1–C).

No. 1111. Farms—Number and Acreage, by State: 1980 and 1984

[1984 data preliminary. Based on 1974 census definition of farms and farmland; see text, p. 629. See also *Historical Statistics, Colonial Times to 1970,* series K 4–7]

STATE	FARMS (1,000) 1980	FARMS (1,000) 1984	ACREAGE (mil.) 1980	ACREAGE (mil.) 1984	ACREAGE PER FARM 1980	ACREAGE PER FARM 1984
U.S	**2,433**	**2,333**	**1,039**	**1,020**	**427**	**437**
Alabama	59	54	12	12	207	213
Alaska	(z)	1	2	2	3,378	2,400
Arizona	6	8	38	36	5,080	4,518
Arkansas	59	55	17	16	280	293
California	*81*	*78*	*34*	*33*	*417*	*423*
Colorado	27	27	36	35	1,358	1,281
Connecticut	4	4	(z)	1	117	116
Delaware	4	4	1	1	186	183
Florida	39	40	13	13	344	325
Georgia	59	51	15	14	254	265
Hawaii	4	5	2	2	458	433
Idaho	*24*	*25*	*15*	*15*	623	598
Illinois	107	96	29	29	269	299
Indiana	87	82	17	16	193	200
Iowa	119	113	34	34	284	297
Kansas	75	74	48	48	644	649
Kentucky	102	101	15	15	143	144
Louisiana	37	36	10	10	273	281
Maine	8	8	2	2	195	195
Maryland	18	18	3	3	157	152
Massachusetts	6	6	1	1	116	111
Michigan	65	63	11	11	175	181
Minnesota	104	101	30	30	291	301
Mississippi	55	50	15	14	265	284
Missouri	120	117	31	31	261	265
Montana	24	24	62	61	2,601	2,546
Nebraska	65	60	48	47	734	787
Nevada	3	3	9	9	3,100	3,296
New Hampshire	3	4	1	1	160	157
New Jersey	9	9	1	1	109	103
New Mexico	14	14	47	46	3,467	3,271
New York	47	48	9	9	200	196
North Carolina	93	79	12	11	126	139
North Dakota	40	36	42	41	1,043	1,139
Ohio	95	90	16	16	171	176
Oklahoma	72	74	35	33	481	446
Oregon	35	37	18	18	517	486
Pennsylvania	62	58	9	9	145	150
Rhode Island	1	1	(z)	(z)	87	87
South Carolina	34	28	6	6	188	200
South Dakota	39	37	45	45	1,169	1,203
Tennessee	96	95	14	13	142	141
Texas	189	187	138	137	731	732
Utah	14	14	12	12	919	843
Vermont	8	7	2	2	226	233
Virginia	58	57	10	10	169	170
Washington	38	38	16	16	429	424
West Virginia	22	22	4	4	191	173
Wisconsin	93	86	19	18	200	209
Wyoming	9	9	35	35	3,846	3,824

Z Less than 500 farms or 500,000 acres.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production* (August 1984 release).

No. 1112. Farms—Number, 1959 to 1982, and Acreage, 1978 and 1982, by Size of Farm

[See *Historical Statistics, Colonial Times to 1970*, series K 162-173]

Size of farm	Number of farms (1,000)					Land in farms (mil. acres)		Cropland harvested (mil. acres)		Percent distribution, 1982		
	1959	1969	1974	1978	1982	1978	1982	1978	1982	Number of farms	All land in farms	Cropland harvested
Total	**3,711**	**2,730**	**2,314**	**2,258**	**2,241**	**1,014.8**	**986.8**	**317.1**	**326.3**	**100.0**	**100.0**	**100.0**
Under 10 acres	244	162	128	151	188	.6	.7	.2	.3	8.4	.1	.1
10-49 acres	*613*	*473*	*380*	*392*	*449*	*10.9*	*12.1*	*4.5*	*4.5*	*20.0*	*1.2*	*1.4*
50-99 acres	658	460	385	356	344	25.9	24.8	10.2	9.5	15.4	2.5	2.9
100-179 acres	773	542	443	403	368	55.0	49.9	23.3	21.2	16.4	5.1	6.5
180-259 acres	414	307	253	234	211	50.6	45.7	23.7	21.7	9.4	4.6	6.7
260-499 acres	472	419	363	348	315	124.6	113.0	64.5	60.5	14.1	11.5	18.5
500-999 acres	200	216	207	213	204	146.7	140.5	75.2	77.6	9.1	14.2	23.8
1,000-1,999 acres	79	91	93	98	97	133.0	132.4	56.2	64.5	4.3	13.4	19.8
2,000 acres and over	57	60	62	63	65	467.4	467.5	57.3	66.6	2.9	47.4	20.4

No. 1113. Farms—Number and Acreage, by Tenure of Operator: 1959 to 1982

[*Full owners* own all the land they operate. *Part owners* own a part, and rent from others the rest of the land they operate. See also *Historical Statistics, Colonial Times to 1970*, series K 109-113 and 142-146]

Item and year	Unit	Total	Full owner	Part owner	Tenant	Percent distribution			
						Total	Full owner	Part owner	Tenant
Number of farms:									
1959	1,000	[1] 3,711	2,119	811	760	[1] 100.0	57.1	21.9	20.5
1969	1,000	2,730	1,706	672	353	100.0	62.5	24.6	12.9
1974	1,000	2,314	1,424	628	262	100.0	61.5	27.2	11.3
1978	1,000	2,258	1,298	681	279	100.0	57.5	30.1	12.4
1982 [2]	1,000	2,241	1,326	656	259	100.0	59.2	29.3	11.5
Under 50 acres	1,000	637	505	68	63	100.0	79.3	10.7	9.9
50-179 acres	1,000	711	489	144	79	100.0	68.7	20.2	11.1
180-499 acres	1,000	526	232	221	73	100.0	44.1	42.0	13.8
500-999 acres	1,000	204	57	120	27	100.0	27.9	58.8	13.2
1,000 acres or more	1,000	161	41	103	17	100.0	25.4	64.0	10.6
Land in farms:									
1959	Mil. acres	[1] 1,124	349	498	167	[1] 100.0	31.0	44.3	14.9
1969	Mil. acres	1,063	375	550	138	100.0	35.2	51.8	13.0
1974	Mil. acres	1,017	359	535	122	100.0	35.4	52.6	12.0
1978	Mil. acres	1,015	332	561	122	100.0	32.7	55.3	12.0
1982	Mil. acres	987	342	531	114	100.0	34.7	53.8	11.6

[1] Includes managers, not shown separately. In subsequent censuses, managers were included under other tenure categories.
[2] Data by size of farm exclude abnormal farms; see footnote 2, table 1119.

No. 1114. Farm Operators—Tenure and Characteristics: 1978 and 1982

[**In thousands, except as indicated.** See also *Historical Statistics, Colonial Times to 1970*, series K 82-113]

Tenure and characteristic	All farms		Farms with sales of $10,000 and over	
	1978	1982	1978	1982
Total operators	**2,258**	**2,241**	**1,180**	**1,143**
White	2,200	2,187	1,163	1,127
Black and other	58	54	17	16
Operators of Spanish origin [1]	18	16	(NA)	6
Female	113	122	(NA)	37
Under 25 years old	67	62	(NA)	39
25-34 years old	285	294	(NA)	173
35-44 years old	434	443	(NA)	223
45-54 years old	549	505	(NA)	264
55-64 years old	552	536	(NA)	288
65 years old and over	371	400	(NA)	156
Average age (years)	50.3	50.5	(NA)	49.1
Full owner	1,298	1,326	485	482
Part owner	681	656	514	491
Tenant	279	259	180	170

Characteristic	All farms		Farms with sales of $10,000 and over	
	1978	1982	1978	1982
Principal occupation:				
Farming	1,269	1,235	934	901
Other	988	1,006	246	242
Place of residence: [2]				
On farm operated	1,586	1,581	876	833
Not on farm operated	422	429	197	202
Years on present farm: [2]				
2 years or less	(NA)	127	(NA)	53
3-4 years	(NA)	193	(NA)	83
5-9 years	(NA)	360	(NA)	167
10 years or more	(NA)	1,097	(NA)	638
Days worked off farm: [2]				
None	943	862	654	591
Less than 100 days	252	224	164	141
100-199 days	181	189	79	77
200 days or more	770	775	214	213

NA Not available. [1] Operators of Spanish origin may be of any race. [2] Excludes not reported.

Source of tables 1112-1114: U.S. Bureau of the Census, *Census of Agriculture: 1959* and *1969*, vol. II; *1974* vol. I and II; and *1982*, vol. 1.

No. 1115. Farms—Number, Acreage, and Value, by State: 1974 to 1982

[For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series K 17-18]

Region, division, and state	Number of farms (1,000)			All land in farms (mil. acres)			Average acreage per farm			Total value [1] (mil. dol.)		
	1974	1978	1982	1974	1978	1982	1974	1978	1982	1974	1978	1982
U.S.	**2,314**	**2,258**	**2,241**	**1,017.0**	**1,014.8**	**986.8**	**440**	**449**	**440**	**342,099**	**631,433**	**774,158**
Region:												
Northeast	128	131	131	23.4	23.7	23.0	183	181	175	15,460	24,079	28,272
Midwest	1,017	975	932	362.9	362.5	354.2	357	372	380	150,978	304,720	339,761
South	930	897	896	305.7	305.1	293.8	329	340	328	110,362	186,098	236,638
West	239	254	280	325.1	323.4	315.7	1,360	1,274	1,129	65,299	116,536	169,487
N.E	**23**	**24**	**26**	**4.8**	**4.8**	**4.6**	**206**	**196**	**178**	**2,915**	**4,339**	**5,385**
Maine	6	7	7	1.5	1.5	1.5	237	221	210	519	800	1,053
New Hampshire	2	3	3	.5	.5	.5	210	193	170	286	426	555
Vermont	6	6	6	1.7	1.6	1.6	282	279	249	770	1,065	1,305
Massachusetts	4	5	5	.6	.6	.6	134	125	113	578	907	1,111
Rhode Island	1	1	1	.1	.1	.1	102	98	86	92	159	173
Connecticut	3	4	4	.4	.5	.4	129	130	116	671	983	1,188
M.A	**104**	**107**	**106**	**18.6**	**19.0**	**18.4**	**178**	**177**	**174**	**12,545**	**19,740**	**22,887**
New York	44	43	42	9.4	9.5	9.2	215	220	218	4,800	6,315	7,509
New Jersey	7	8	8	1.0	1.0	1.0	130	124	111	1,737	2,549	2,840
Pennsylvania	53	56	56	8.2	8.5	8.3	154	152	149	6,008	10,877	12,538
E.N.C	**445**	**423**	**403**	**90.0**	**90.9**	**88.6**	**202**	**215**	**220**	**61,406**	**130,814**	**134,967**
Ohio	92	89	87	15.7	15.8	15.4	170	177	177	11,056	23,495	23,287
Indiana	88	82	77	16.8	16.8	16.3	191	204	211	12,078	26,658	26,128
Illinois	*111*	*105*	*98*	*29.1*	*29.4*	*28.7*	*262*	*282*	*292*	*24,628*	*54,931*	*53,061*
Michigan	64	60	59	10.8	11.0	10.9	169	183	187	5,989	10,585	13,389
Wisconsin	89	87	82	17.6	17.8	17.2	197	206	210	7,656	15,146	19,102
W.N.C	**573**	**552**	**529**	**272.9**	**271.6**	**265.6**	**477**	**492**	**502**	**89,572**	**173,906**	**204,793**
Minnesota	99	99	94	27.6	28.5	27.7	280	288	294	11,855	25,762	32,326
Iowa	126	121	115	33.0	33.3	32.6	262	274	283	23,754	51,829	54,349
Missouri	116	115	112	29.8	30.1	29.3	258	262	260	11,811	21,972	25,094
North Dakota	43	40	36	42.4	41.7	40.2	992	1,033	1,104	8,268	14,565	17,609
South Dakota	43	39	37	46.0	44.4	43.8	1,074	1,147	1,179	6,656	11,466	15,429
Nebraska	68	64	60	46.2	46.1	45.0	683	723	746	13,017	24,417	31,910
Kansas	79	74	73	47.9	47.5	47.1	605	640	642	14,211	23,895	28,076
S.A	**296**	**282**	**274**	**60.9**	**59.8**	**57.2**	**206**	**212**	**209**	**34,987**	**57,395**	**69,752**
Delaware	3	3	3	.6	.7	.7	185	197	196	612	964	1,218
Maryland	15	16	16	2.6	2.6	2.6	174	168	158	2,791	4,645	5,378
Virginia	53	50	52	9.7	9.5	9.4	184	189	182	5,396	8,572	10,622
West Virginia	17	17	19	3.5	3.5	3.6	207	202	190	1,050	2,082	2,421
North Carolina	91	82	73	11.2	11.0	10.3	123	135	142	6,634	11,560	13,669
South Carolina	29	27	25	6.2	6.0	5.6	211	226	224	2,887	4,581	5,193
Georgia	55	51	50	13.9	13.4	12.3	253	261	248	6,576	10,291	11,166
Florida	32	36	36	13.2	13.0	12.8	407	360	353	9,041	14,700	20,085
E.S.C	**306**	**284**	**283**	**53.7**	**51.6**	**49.2**	**175**	**182**	**174**	**22,006**	**39,460**	**46,466**
Kentucky	102	102	102	14.4	14.6	14.2	141	143	140	6,158	12,705	14,661
Tennessee	*94*	*87*	*91*	*13.1*	*12.7*	*12.5*	*140*	*146*	*138*	*6,117*	*10,884*	*12,592*
Alabama	57	51	48	11.9	11.1	10.2	209	220	211	4,310	7,021	8,290
Mississippi	54	44	42	14.3	13.2	12.4	267	300	293	5,421	8,849	10,923
W.S.C	**328**	**331**	**340**	**191.0**	**193.7**	**187.3**	**582**	**586**	**551**	**53,369**	**89,243**	**120,420**
Arkansas	51	52	51	14.6	15.0	14.7	287	291	291	6,135	11,445	14,460
Louisiana	33	31	32	9.1	9.3	8.9	275	296	282	4,679	9,111	12,070
Oklahoma	70	72	73	33.1	33.7	32.4	476	467	446	9,992	17,038	22,556
Texas	174	175	185	134.2	135.6	131.3	771	773	710	32,563	51,649	71,334
Mt	**112**	**117**	**122**	**253.0**	**252.6**	**246.1**	**2,262**	**2,168**	**1,857**	**32,028**	**56,761**	**76,179**
Montana	23	24	24	62.2	61.7	61.0	2,665	2,618	2,568	6,952	12,084	15,866
Idaho	24	24	25	14.3	14.7	13.9	603	606	563	4,833	8,449	11,353
Wyoming	8	8	9	34.3	33.6	33.5	4,274	4,182	3,781	2,751	4,813	6,484
Colorado	26	27	27	35.9	35.3	33.5	1,408	1,310	1,237	6,794	11,220	15,228
New Mexico	11	12	13	47.0	48.0	47.1	4,170	3,894	3,493	3,649	6,634	8,322
Arizona	6	6	7	37.9	38.5	37.8	6,539	6,114	5,148	4,197	7,550	10,972
Utah	*12*	*13*	*14*	*10.6*	*10.5*	*9.8*	*871*	*820*	*699*	*1,998*	*4,087*	*5,445*
Nevada	2	2	3	10.6	10.4	10.0	5,209	4,346	3,671	915	1,922	2,509
Pac	**127**	**137**	**158**	**72.0**	**70.8**	**69.6**	**567**	**515**	**441**	**33,271**	**59,775**	**93,307**
Washington	29	31	36	16.7	16.7	16.5	567	540	456	5,828	11,114	15,271
Oregon	27	29	34	18.2	18.1	17.7	682	633	520	4,552	8,588	12,665
California	68	73	82	33.4	32.7	32.2	493	447	390	21,793	38,152	61,532
Alaska	(z)	(z)	(z)	1.6	1.3	1.3	5,612	3,359	2,323	69	140	264
Hawaii	3	4	5	2.1	2.0	2.0	702	461	426	1,029	1,784	3,575

Z Less than 500. [1] Value of land and buildings. For 1978 and 1982, based on reports for a sample of farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1982*, vol. I.

NO. 1116. FARMS—NUMBER, ACREAGE, AND VALUE, BY TYPE OF ORGANIZATION: 1978 AND 1982

[Excludes abnormal farms, see footnote 2, table 1119]

ITEM	Unit	Total [1]	Individual or family	Partnership	Corporation	PERCENT DISTRIBUTION: Total [1]	Individual or family	Partnership	Corporation
ALL FARMS									
Number of farms: 1978	1,000	2,255	1,966	233	50	100.0	87.2	10.3	2.2
1982	1,000	2,239	1,946	223	60	100.0	86.9	10.0	2.7
Land in farms: 1978	*Mil. acres*	*959*	*673*	*158*	*120*	100.0	70.2	16.5	12.5
1982	Mil. acres	932	642	152	127	100.0	68.9	16.3	13.6
Value of land and buildings: 1978	Bil. dol	*623*	*(NA)*	*(NA)*	*(NA)*	*100.0*	*(NA)*	*(NA)*	*(NA)*
1982	Bil. dol	763	547	119	90	100.0	71.7	15.6	11.8
Value of farm products sold: 1978	Mil. dol	106,829	(NA)	(NA)	(NA)	100.0	(NA)	(NA)	(NA)
1982	Mil. dol	131,590	77,907	21,520	31,480	100.0	59.2	16.4	23.9
FARMS WITH SALES OF $10,000 AND OVER									
Number of farms: 1978	1,000	1,180	976	155	45	100.0	82.7	13.1	3.8
1982	1,000	1,143	934	152	52	100.0	81.7	13.3	4.5
Land in farms: 1978	*Mil. acres*	*829*	*557*	*147*	*118*	100.0	67.2	17.7	14.2
1982	Mil. acres	811	536	141	124	100.0	66.1	17.4	15.3

NA Not available. [1] Include other types, not shown separately.

Source: U.S. Bureau of the *Census, 1982 Census of Agriculture,* vol. 1.

NO. 1117. CHARACTERISTICS OF INDIVIDUAL AND FAMILY FARMS: 1982

[Excludes abnormal farms; see footnote 2, table 1119]

SIZE OF FARM AND VALUE OF SALE	INDIVIDUAL AND FAMILY FARMS: Number (1,000)	Percent distribution	Percent of all farms	ITEM	Unit	All farms	INDIVIDUAL AND FAMILY FARMS: Amount	Percent of all farms
Farms, total	**1,946**	**100.0**	**86.9**	**Land in farms**	**Mil. acres**	**932**	**642**	**68.9**
Under 50 acres	579	29.8	91.0	Average size of farm	Acres	416	330	(X)
50-179 acres	639	32.9	89.9					
180-499 acres	450	23.1	85.6	**Value of land and bldgs.**	**Bil. dol**	**763.2**	**547.0**	**71.7**
500-999 acres	163	8.4	80.0	Average per farm	$1,000	341	281	(X)
1,000 acres or more	*114*	*5.8*	*70.5*	*Average per acre*	*Dollars*	*819*	*852*	(X)
Less than $2,500	503	25.8	93.8	**Value of farm products sold**	**Bil. dol**	**131.6**	**77.9**	**59.2**
$2,500-$4,999	256	13.2	92.0	Average per farm	$1,000	58.8	40.0	(X)
$5,000-$9,999	253	13.0	89.9	Crops [1] [2]	Bil. dol	61.9	37.7	60.8
$10,000-$19,999	227	11.7	87.8	Grains	Bil. dol	36.4	26.4	72.4
$20,000-$39,999	214	11.0	86.0	Livestock, poultry and their products [2]	Bil dol	69.4	40.2	58.0
$40,000-$99,999	281	14.4	84.4	Cattle, calves	Bil. dol	31.5	15.3	48.6
$100,000-$249,999	165	8.5	76.4	Dairy products	Bil. dol	16.3	11.2	68.7
$250,000-$499,999	35	1.8	60.1	Poultry, poultry products	Bil. dol	9.8	5.8	59.2
$500,000 and over	11	.6	39.7	*Hogs and pigs*	*Bil. dol*	*9.8*	*6.8*	*69.3*

X Not applicable. [1] Includes nursery and greenhouse products. [2] Includes other commodities, not shown separately.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture,* vol. 1.

NO. 1118. CHARACTERISTICS OF CORPORATE FARMS, BY TYPE: 1982

ITEM	Unit	All corporations	FAMILY HELD CORPORATIONS: Total	1-10 stockholders	11 or more stockholders	OTHER CORPORATIONS: Total	1-10 stockholders	11 or more stockholders
Farms	Number	59,792	52,652	50,842	1,810	7,140	5,997	1,143
Percent distribution	Percent	100.0	88.1	85.0	3.0	11.9	10.0	1.9
Land in farms	Mil. acres	127.3	112.9	100.7	12.2	14.5	8.5	6.0
Average per farm	Acres	2,129	2,143	1,980	6,737	2,024	1,413	5,231
Value of—								
Land and buildings [1]	Bil. dol	89.9	76.1	70.1	6.0	13.8	7.7	6.1
Average per farm [1]	$1,000	1,520.0	1,455	1,389	3,221	2,028	1,363	5,185
Farm products sold	*Bil. dol*	*31.5*	*22.9*	*20.7*	*2.3*	*8.6*	*5.5*	*3.1*
Average per farm	$1,000	527	435	406	1,244	1,201	911	2,723

[1] Based on a sample of farms.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture,* vol. 1.

NO. 1119. FARMS—NUMBER, ACREAGE, AND VALUE OF SALES, BY SIZE OF SALES: 1982

ECONOMIC CLASS OF FARM (value of farm products sold)	Farms (1,000)	ACREAGE		VALUE OF SALES		PERCENT DISTRIBUTION		
		Total (mil.)	Average per farm	Total (mil. dol.)	Average per farm ($1,000)	Farms	Acreage, total	Value of sales, total
Sales less than $20,000	1,355	186	137	7,260	5,356	100.0	100.0	100.0
Occupation—Farming [1]	481	92	191	3,474	7,220	35.5	49.5	47.9
Occupation—Other than farming [1]	874	94	108	3,786	4,331	64.5	50.5	52.1
Less than $2,500	536	45	83	558	1.0	39.6	24.2	7.7
$2,500-$4,999	278	31	111	999	3.6	20.5	16.7	13.8
$5,000-$9,999	282	45	161	2,008	7.1	20.8	24.2	27.7
$10,000-$19,999	259	65	251	3,694	14.3	19.1	34.9	50.9
Sales of $20,000 or more	884	746	844	124,329	141	100.0	100.0	100.0
$20,000-$39,999	249	101	407	7,142	29	28.2	13.5	5.7
$40,000-$99,999	333	214	642	21,642	65	37.7	28.6	17.4
$100,000-$249,999	216	222	1,027	32,930	153	24.4	29.8	26.5
$250,000-$499,999	59	106	1,807	19,851	338	6.7	14.2	16.0
$500,000 and over	28	104	3,726	42,764	1,538	3.0	13.9	34.4
Abnormal farms [2]	2	55	32,638	311	185	100.0	100.0	100.0

[1] Occupation determined by 50 percent or more of work time on farm or other occupation.
[2] Represents institutional farms, experimental and research farms, Indian reservations, etc.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

NO. 1120. FARMS—NUMBER, BY VALUE OF PRODUCTS SOLD, BY STATE: 1982

[For composition of regions, see fig. I, inside front cover]

REGION, DIVISION AND STATE	With sales less than $10,000	WITH SALES OF—			
		$10,000-$39,999	$40,000-$99,999	$100,000-$249,999	$250,000 or more
U.S.	1,096,337	507,832	332,751	215,912	86,468
Region:					
Northeast	66,438	23,650	22,318	14,717	4,720
Midwest	320,199	253,641	200,557	122,337	35,703
South	585,458	175,795	75,167	53,038	26,667
West	144,242	54,746	34,709	25,820	19,378
N. Eng	14,263	3,994	3,878	2,801	975
ME	4,127	982	978	642	269
NH	1,839	364	277	191	74
VT	2,698	832	1,444	1,154	179
MA	2,983	1,054	706	431	210
RI	457	130	72	47	22
CT	2,159	632	401	336	221
Mid. Atl	52,175	19,656	18,440	11,916	3,745
NY	19,239	7,259	8,313	5,791	1,573
NJ	4,601	1,716	849	713	380
PA	28,335	10,681	9,278	5,412	1,792
E. No. Cent	158,764	103,186	76,895	50,024	14,461
OH	43,203	22,966	11,933	6,876	1,919
IN	32,609	20,467	12,310	8,621	3,144
IL	27,618	24,930	22,468	18,013	5,438
MI	30,210	14,579	7,233	4,706	1,914
WI	25,124	20,244	22,951	11,808	2,046
W. No. Cent	161,435	150,455	123,662	72,313	21,242
MN	27,406	25,962	23,957	13,656	3,391
IA	21,857	30,694	33,030	22,929	6,859
MO	61,236	28,455	13,602	7,224	1,902
ND	6,516	12,258	11,317	5,215	1,100
SD	7,618	12,401	10,904	4,892	1,237
NE	11,417	17,548	16,573	10,753	3,918
KS	25,385	23,137	14,279	7,644	2,835
So. Atl	164,774	51,742	25,290	20,370	11,457
DE	1,158	718	440	601	421
MD	8,058	3,378	1,965	1,795	969
VA	33,909	10,390	3,640	2,652	1,238
WV	15,938	1,842	488	299	155
NC	39,523	15,852	8,398	6,239	2,739
SC	16,352	4,248	1,985	1,475	856
GA	28,276	8,454	5,149	5,036	2,683
FL	21,560	6,860	3,225	2,273	2,396
E. So. Cent	186,653	59,555	19,781	11,826	5,159
KY	59,555	29,225	6,703	3,212	928
TN	65,096	17,233	4,712	2,565	934
AL	33,262	7,088	3,542	3,205	1,321
MS	28,740	6,009	2,824	2,844	1,976
W. So. Cent	214,031	64,498	30,096	20,842	10,051
AR	29,686	7,657	5,013	5,528	2,620
LA	20,108	4,488	3,054	2,638	1,300
OK	43,033	17,178	7,232	3,823	1,215
TX	121,204	35,175	14,797	8,853	4,916
Mt	55,368	27,725	18,983	12,474	6,718
MT	8,004	6,068	5,155	3,268	978
ID	9,980	5,684	4,319	2,940	1,687
WY	3,445	2,434	1,613	934	394
CO	12,034	6,380	4,274	2,773	1,602
NM	8,219	2,489	1,299	863	551
AZ	4,116	1,030	607	576	925
UT	8,213	3,062	1,368	890	399
NV	1,357	578	348	232	182
Pac	88,874	27,021	15,726	13,346	12,660
WA	20,426	5,431	4,020	3,814	2,356
OR	22,274	5,304	2,669	2,397	1,395
CA	42,899	15,142	8,677	6,925	8,740
AK	462	65	17	18	8
HI	2,813	1,079	343	192	161

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

NO. 1121. FARMS—NUMBER, ACREAGE, AND VALUE OF SALES, BY TYPE OF FARM: 1982

[Farms were classified in a particular group if its sales for that product group amounted to 50 percent or more of the total value of farm products sold. The Standard Industrial Classification (SIC) code for each farm type is shown in parentheses. Excludes abnormal farms]

ITEM	Unit	Total	Cash grain [1] (011)	Cotton (0131)	Tobacco (0132)	Livestock [2] (021)	Dairy (024)	Poultry, eggs (025)	Fruit and nut (017)	Vegetable (016)	All other
Number of farms	1,000	2,239	576	21	131	906	164	42	84	31	283
With sales under $10,000	Percent	48.9	28.5	17.2	59.4	65.5	3.5	20.3	55.4	52.0	63.6
With sales between $10,000 and $39,999	Percent	22.7	31.7	27.4	28.1	18.7	21.5	8.0	21.0	23.1	17.4
With sales of $40,000 or more	Percent	28.4	39.8	55.4	12.5	15.8	75.0	71.7	23.6	24.9	19.0
Land in farms	Mil. acres	932	287	17	14	476	50	5	9	5	69
Products sold, value	Mil. dol	131,590	33,723	3,141	2,782	39,849	18,129	10,081	5,782	3,922	14,161
Percent distribution:											
Number of farms	Percent	100.0	25.7	.9	5.9	40.5	7.3	1.9	3.8	1.4	12.7
Land in farms	Percent	100.0	30.8	1.8	1.5	51.0	5.3	.5	1.0	.6	7.5
Products sold, value	Percent	100.0	25.6	2.3	2.1	30.2	13.7	7.6	4.3	2.9	10.7

[1] Includes wheat, rice, corn for grain, soybeans, and other cash grains not elsewhere classified. [2] Excludes dairy, poultry, and animal specialty farms.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

NO. 1122. SALES OF FARM PRODUCTS—NUMBER OF FARMS SELLING SPECIFIED COMMODITIES AND VALUE OF SALES: 1978 AND 1982

COMMODITY	FARMS SELLING COMMODITY				VALUE OF SALES			
	Number (1,000)		Percent distribution		Amount (mil. dol.)		Percent distribution	
	1978	1982	1978	1982	1978	1982	1978	1982
Total	**[1] 2,258**	**[1] 2,241**	**[1] 100.0**	**[1] 100.0**	**107,073**	**131,900**	**100.0**	**100.0**
Crops	[1] 1,487	[1] 1,357	[1] 65.9	[1] 60.6	48,203	62,256	45.0	47.2
Grains [2]	[1] 1,024	[1] 951	[1] 45.3	[1] 42.4	26,747	36,409	25.0	27.6
Corn for grain	(NA)	505	(NA)	22.5	(NA)	13,516	(NA)	10.2
Wheat	(NA)	436	(NA)	19.5	(NA)	7,754	(NA)	5.9
Soybeans	(NA)	508	(NA)	22.7	(NA)	10,382	(NA)	7.9
Cotton and cottonseed	52	38	2.3	1.7	3,101	3,233	2.9	2.5
Tobacco	188	179	8.3	8.0	2,319	2,774	2.2	2.1
Hay, silage, and field seeds	407	300	18.0	13.4	2,275	2,312	2.1	1.8
Vegetables, sweet corn, and melons	73	69	3.2	3.1	3,239	4,145	3.0	3.1
Fruits, nuts, and berries	94	90	4.2	4.0	4,601	5,846	4.3	4.4
Nursery and greenhouse products	35	36	1.6	1.6	2,836	3,821	2.6	3.0
Other crops	61	54	2.7	2.4	3,084	3,716	2.9	2.8
Livestock, poultry, and their products	[1] 1,569	[1] 1,517	[1] 69.5	[1] 67.7	58,870	69,644	55.0	52.8
Poultry and poultry products	122	114	5.4	5.1	8,463	9,797	7.9	7.4
Dairy products	217	200	9.6	8.9	11,229	16,320	10.5	12.4
Cattle and calves	1,320	1,279	58.5	57.1	29,611	31,635	27.7	24.0
Hogs and pigs	424	315	18.8	14.1	8,072	9,868	7.5	7.5
Sheep, lambs, and wool	89	99	3.9	4.4	645	608	.6	.5
Other livestock and livestock products	109	122	4.8	5.4	851	1,415	.8	1.1

NA Not available. [1] The sum of components is larger than the total because some farms sell more than one commodity. [2] Includes other grains not shown separately.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1123. Irrigation of Agricultural Land—Summary: 1959 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series J 85-91]

ITEM	Unit	17 WESTERN STATES AND LA.					ALL STATES		
		1959	1969	1974	1978	1982	1974	1978	1982
Approximate land area	Mil. acres	1,189	1,187	1,187	1,187	1,186	2,266	2,266	2,265
Farms, total	1,000	1,044	850	745	745	771	2,314	2,258	2,241
Irrigated	1,000	267	210	197	223	220	237	281	278
Percent irrigated of total farms	Percent	25.6	24.7	26.4	29.9	28.5	10.2	12.4	12.4
Land in farms, total	Mil. acres	715	700	660	679	661	1,017	1,015	987
In irrigated farms	Mil. acres	213	218	211	227	220	229	252	247
Land irrigated, total	Mil. acres	31	35	37	44	42	41	50	49
Percent irrigated of total land in farms	Percent	4.3	5.0	5.4	6.5	6.4	4.0	5.0	5.0

Source: U.S. Bureau of the Census, *Census of Agriculture: 1959, 1969*, and *1982*.

No. 1124. Federal Irrigation Projects, by Type of Service: 1960 to 1982

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
All projects: Irrigable acreage	1,000	8,171	9,612	10,198	10,930	11,409	12,236	11,944	11,941	12,592
Irrigated acreage	1,000	6,900	8,012	8,570	9,309	9,576	10,234	10,093	10,122	10,635
Gross crop value	Mil. dol	1,158	1,557	1,882	4,419	4,993	6,909	7,438	6,744	7,323
Full service: [1] Irrigable acreage	1,000	4,326	4,540	4,844	4,925	5,012	5,076	5,082	5,089	5,085
Irrigated acreage	1,000	3,488	3,731	4,037	4,213	4,222	4,254	4,275	4,290	4,249
Gross crop value	Mil. dol	581	675	847	1,858	2,036	2,348	2,668	2,553	2,514
Supplemental and temporary service: [2]										
Irrigable acreage	1,000	3,845	5,072	5,354	6,005	6,397	7,160	6,862	6,852	7,507
Irrigated acreage	1,000	3,412	4,281	4,533	5,096	5,354	5,980	5,818	5,832	6,386
Gross crop value	Mil. dol	577	882	1,035	2,561	2,957	4,561	4,770	4,191	4,809

[1] Applies to irrigable land receiving its sole irrigation supply through Bureau of Reclamation-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities was constructed, rehabilitated, or replaced by the Bureau. [2] Applies to irrigable land receiving irrigation water through Bureau projects in addition to supply from non-project sources and to land for which water is delivered under temporary arrangements.

Source: U.S. Bureau of Reclamation, *Annual Report*.

No. 1125. Foreign Ownership of U.S. Agricultural Land: 1983

[In thousands of acres, except percent. Covers "foreign persons" reporting under the Agricultural Foreign Investment Disclosure Act of 1978. As defined in the Act, a "foreign person" is any person who is not a U.S. citizen and who is not a permanent resident alien of the U.S. Foreign governments and entities are also "foreign persons." Also, each successive link in a chain of U.S. entities containing foreign interests is considered a "foreign person." An entity is deemed a "foreign person" because another "foreign person" holds at least a 5 percent or more interest in the entity. Therefore acreage figures reported do not necessarily mean that they are wholly owned by foreign investors. Covers reports received and accepted as of December 31, 1983]

CHARACTERISTIC	ACREAGE OWNED [1]		ACREAGE ACQUIRED [2]		CHARACTERISTIC	ACREAGE OWNED [1]		ACREAGE ACQUIRED [2]	
	Total	Percent	Total	Percent		Total	Percent	Total	Percent
Total [3]	**13,740**	**100.0**	**332**	**100.0**	Country of foreign owner:				
Type of owner:					Canada	1,471	10.7	13	3.9
Corporation	11,357	82.6	39	11.7	Germany, Fed. Rep	705	5.1	32	9.6
Partnership	1,277	9.3	252	75.9	Hong Kong	176	1.3	–	–
Individual	916	6.7	40	12.1	Mexico	214	1.6	1	.3
Other	190	1.4	1	.3	Netherlands Antilles	540	3.9	9	2.7
Size of holding:					Switzerland	249	1.8	7	2.1
Less than 100 acres	122	.9	5	1.5	United Kingdom	402	2.9	6	1.8
100-299 acres	*276*	*2.0*	*17*	*5.1*	Through U.S. interest: [4]				
300-999 acres	835	6.0	45	13.6	Canada	2,855	20.6	40	12.0
1,000 acres or more	12,507	91.1	265	79.8	France	328	2.4	2	.6
Land use:					Germany, Fed. Rep	491	3.6	7	2.1
Cropland	1,914	13.9	69	20.8	Hong Kong	1,692	12.3	–	–
Pasture	2,770	20.2	61	18.4	Netherlands	341	2.5	19	5.7
Forest	7,813	56.9	168	50.6	Netherlands Antilles	237	1.7	9	2.7
Other agriculture	566	4.1	17	5.1	United Kingdom	1,527	11.1	15	4.5
Other nonagriculture	677	4.9	17	5.1					

– Represents zero. [1] Landholdings by foreign interests as of Dec. 31. [2] Acquisitions by foreign interests from Jan. 1-Dec. 31, 1983. [3] Includes other countries not shown separately. [4] Reports filed by U.S. corporations with foreign shareholders.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Foreign Ownership of U.S. Agricultural Land through December 31, 1983* (Economic Research Service Staff Report AGES 840328), 1984.

No. 1126. Farm Real Estate—Summary: 1970 to 1984

[Through 1975, value data as of Mar. 1; 1977–1981, as of Feb. 1; 1982–1984, as of April 1. Excludes Alaska and Hawaii. 1970 value data based on 1969 census definition of farms and farmland; beginning 1975, based on 1974 census definition, see text, p. 629. Total value of land and buildings is estimated by multiplying the number of acres of farmland by the average value per acre of land and buildings. Average values are based on land-value data obtained from the census of agriculture. For intercensal years, estimates are made using indexes of average value per acre. Indexes of average value per acre are based on surveys conducted by the U.S. Dept. of Agriculture]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984
Total value	Bil. dol.	215.0	358.6	495.0	553.0	653.1	753.6	826.1	816.3	767.0	762.3
Land	Bil. dol.	175.5	300.5	419.6	471.1	559.7	649.8	713.4	706.9	665.1	662.1
Buildings	Bil. dol.	39.5	58.1	75.4	81.9	93.4	103.8	112.7	109.4	101.8	100.3
Average value per acre [1]	Dollars	196	340	474	531	628	725	795	789	743	739
Index	1977=100	42	75	100	109	125	145	158	157	148	146
Average value, operating unit	$1,000	73.0	142.5	201.9	227.4	269.3	311.0	340.0	340.9	324.3	322.3

[1] Land and buildings.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

No. 1127. Farm Real Estate—Value of Land and Buildings, by State: 1980 to 1984

[See headnote, table 1126. See also *Historical Statistics, Colonial Times to 1970*, series K 16]

STATE	VALUE OF LAND AND BUILDINGS (mil. dol.)				AVERAGE VALUE OF LAND AND BUILDINGS, PER ACRE				INDEXES OF AVERAGE VALUE PER ACRE (1977=100)			
	1980	1982	1983	1984	1980	1982	1983	1984	1980	1982	1983	1984
U.S	**753,608**	**816,323**	**766,962**	**762,320**	**$725**	**$789**	**$743**	**$739**	**145**	**157**	**148**	**146**
Alabama	10,055	11,341	10,600	10,382	792	922	876	858	149	174	165	162
Arizona	10,260	11,466	10,883	11,087	264	294	279	285	[1] 167	[2] 186	[2] 177	[2] 181
Arkansas	15,201	18,106	15,925	15,293	921	1,104	993	944	163	196	174	167
California	48,345	64,198	64,873	64,873	1,426	1,905	1,925	1,925	166	221	223	223
Colorado	13,737	15,000	14,673	15,101	376	419	411	423	147	164	161	166
Connecticut	1,173	1,291	1,343	1,431	2,395	2,634	2,687	2,862	[3] 135	[3] 149	[3] 152	[3] 162
Delaware	1,141	1,095	1,078	1,100	1,755	1,659	1,659	1,692	151	143	143	146
Florida	18,112	18,616	18,701	19,072	1,352	1,432	1,461	1,490	[4] 141	[4] 149	152	155
Georgia	13,460	12,798	12,255	12,015	868	842	817	801	132	128	124	122
Idaho	10,301	11,370	10,570	10,570	669	753	700	700	134	151	140	140
Illinois	57,976	55,678	49,565	48,560	2,013	1,940	1,727	1,692	135	131	117	115
Indiana	30,791	28,983	25,066	24,814	1,833	1,715	1,492	1,477	150	140	122	121
Iowa	61,207	60,908	52,842	47,045	1,811	1,802	1,568	1,396	139	139	121	108
Kansas	27,585	28,372	26,384	25,608	573	585	544	528	134	136	126	122
Kentucky	13,942	14,442	14,007	13,441	955	996	966	927	147	154	149	143
Louisiana	13,007	15,412	14,958	14,958	1,288	1,511	1,481	1,481	169	199	195	195
Maine	934	992	1,012	1,078	579	636	649	691	[3] 135	[3] 149	[3] 152	[3] 162
Maryland	6,190	6,644	5,870	6,045	2,251	2,416	2,174	2,239	166	178	160	165
Massachusetts	1,055	1,075	1,045	1,112	1,552	1,707	1,741	1,854	[3] 135	[3] 149	[3] 152	[3] 162
Michigan	12,331	13,708	12,754	12,754	1,082	1,192	1,109	1,109	138	152	141	141
Minnesota	31,832	36,389	32,376	30,096	1,061	1,197	1,065	990	154	174	155	144
Mississippi	12,050	14,500	13,156	13,814	825	1,000	920	968	156	189	174	183
Missouri	27,660	27,361	23,833	23,833	878	872	759	759	154	153	133	133
Montana	14,230	15,773	14,656	14,966	229	254	236	241	142	157	146	149
Nebraska	28,623	29,798	26,799	23,562	600	626	563	495	137	143	129	114
Nevada	2,276	2,510	2,385	2,430	253	282	268	273	[1] 178	[2] 198	[2] 188	[2] 192
New Hampshire	539	587	599	638	988	1,087	1,109	1,181	[3] 135	[3] 149	[3] 152	[3] 162
New Jersey	2,984	3,212	3,148	3,242	2,926	3,118	3,056	3,148	120	128	125	129
New Mexico	8,870	10,001	9,400	9,588	190	211	200	204	[1] 166	[2] 185	[2] 176	[2] 180
New York	6,656	7,467	7,315	7,533	708	786	770	793	119	132	129	133
North Carolina	14,221	14,252	14,008	14,710	1,215	1,284	1,297	1,362	141	149	150	158
North Dakota	16,627	18,181	17,264	17,264	399	436	414	414	136	149	142	142
Ohio	27,347	23,879	20,882	20,044	1,678	1,474	1,297	1,245	156	137	121	116
Oklahoma	20,899	23,873	22,474	22,474	604	696	661	661	143	164	156	156
Oregon	10,067	11,120	10,556	10,447	556	611	580	574	132	145	138	137
Pennsylvania	12,633	11,722	11,127	12,015	1,404	1,332	1,279	1,381	140	133	128	138
Rhode Island	191	224	229	244	2,548	2,804	2,860	3,046	[3] 135	[3] 149	[3] 152	[3] 162
South Carolina	5,627	5,600	5,092	4,991	879	918	863	846	130	136	126	125
South Dakota	12,271	12,949	12,060	11,703	273	291	271	263	141	150	140	136
Tennessee	12,959	13,025	12,368	12,743	953	972	923	951	136	138	131	135
Texas	62,120	79,718	82,012	89,342	448	576	593	646	144	185	191	208
Utah	6,660	7,257	6,900	7,036	530	590	561	572	[1] 169	[2] 188	[2] 179	[2] 183
Vermont	1,235	1,328	1,355	1,443	710	781	797	849	[3] 135	[3] 149	[3] 152	[3] 162
Virginia	9,891	10,192	10,290	10,192	1,009	1,040	1,050	1,040	139	143	144	143
Washington	11,671	14,474	14,474	14,914	725	888	888	915	124	152	152	157
West Virginia	2,959	3,565	3,565	3,457	704	829	829	804	150	177	177	172
Wisconsin	16,232	19,850	18,546	17,436	980	1,073	1,019	958	159	174	165	155
Wyoming	5,357	6,001	5,719	5,824	153	170	162	165	126	[2] 140	[2] 133	[2] 136

[1] Estimated by combining survey data to obtain an average rate of change for Arizona, Nevada, New Mexico, and Utah.
[2] Estimated using the average of the percentage changes in the Colorado, Idaho, and Montana indexes.
[3] Estimated by combining survey data to obtain an average rate of change for New England States.
[4] Estimated using the average of the percentage changes in the Alabama and Georgia indexes.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

NO. 1128. BALANCE SHEET OF THE FARMING SECTOR: 1970 TO 1984

[**In billions of dollars, except percent.** As of **January 1.** Includes farm households. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series K 204-219, for data before revisions]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS [1]					
	1970	1975	1980	1982	1983	1984, prel.	1970	1975	1980	1982	1983	1984, prel.
Assets	**314.9**	**502.6**	**1,005.5**	**1,083.5**	**1,045.2**	**1,031.1**	**362.8**	**436.7**	**615.4**	**555.2**	**505.2**	**478.2**
Annual percent change [2]	5.3	9.8	14.9	3.8	–3.5	–1.3	1.6	3.8	7.1	–5.0	–9.0	–5.4
Physical assets:												
Real estate	215.8	359.7	755.9	818.9	769.2	764.5	248.6	312.5	462.6	419.6	371.8	354.5
Non-real estate:												
Livestock and poultry [3]	23.5	24.5	61.4	53.6	53.0	49.8	27.1	21.3	37.6	27.5	25.6	23.1
Machinery, motor vehicles	32.3	54.7	96.8	108.8	111.0	108.2	37.2	47.5	59.2	55.8	53.7	50.2
Crops stored [4]	10.9	23.3	33.5	36.3	41.3	33.7	12.6	20.2	20.5	18.6	20.0	15.6
Household furnishings, equipment	9.6	11.2	17.2	20.8	23.0	24.8	11.1	9.7	10.5	10.7	11.1	11.5
Financial assets:												
Deposits and currency	11.9	14.0	15.9	16.7	17.4	18.2	13.7	12.2	9.7	8.6	8.4	8.4
United States savings bonds	3.7	3.8	4.0	3.6	3.5	3.6	4.3	3.3	2.4	1.8	1.7	1.7
Investments in cooperatives	7.2	11.4	20.8	25.0	27.2	28.6	8.3	9.9	12.7	12.8	13.1	13.2
Claims	**314.9**	**502.6**	**1,005.5**	**1,083.5**	**1,045.2**	**1,031.1**	**362.8**	**436.7**	**615.4**	**555.2**	**505.2**	**478.2**
Liabilities	53.0	81.6	165.8	201.7	216.3	214.7	61.1	70.9	101.5	103.4	104.6	99.6
Real estate debt	29.2	44.6	85.4	105.5	109.9	111.6	33.6	38.7	52.3	54.1	53.5	52.9
Non-real estate debt to—												
Commodity Credit Corp. [5]	2.7	.3	5.1	8.0	15.4	10.8	3.1	.3	3.1	4.1	7.5	5.0
Other reporting agencies [6]	15.8	29.1	58.7	69.3	71.8	73.3	18.2	25.3	35.9	35.5	34.7	34.0
Non-reporting creditors [7]	5.3	7.5	16.6	18.8	19.5	18.9	6.1	6.5	10.2	9.6	9.4	8.8
Proprietors' equities	261.9	421.0	839.7	881.9	828.8	816.4	301.7	365.8	513.9	451.9	400.6	378.6

[1] Constant dollar figures are based on gross national product implicit price deflators for preceding year as published in the *Economic Report of the President, 1984* by Council of Economic Advisers. [2] Average change from prior year shown; for 1970, change from 1965. For explanation of annual percent change, see Guide to Tabular Presentation. [3] Excludes horses and mules. [4] Includes all crops held on farms and crops held off farms by farmers as security for CCC loans. [5] Nonrecourse CCC loans secured by crops owned by farmers are included as assets in this balance sheet. [6] Loans of all operating banks, production credit associations, and Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies. [7] Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual, and unpublished data.

NO. 1129. GROSS FARM PRODUCT—SUMMARY: 1970 TO 1983

[**In billions of dollars.** For definition of gross product, see text, pp. 427-429. Minus sign (–) indicates decrease. See *Historical Statistics, Colonial Times to 1970,* series K 220-239, for single-year figures prior to minor revisions issued in 1981]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS											
Total value of farm output [1]	**54.9**	**97.8**	**99.5**	**101.1**	**106.8**	**124.2**	**149.9**	**149.0**	**165.6**	**158.1**	**142.0**
Farm marketings cash receipts [2]	50.4	92.7	88.1	94.5	96.0	112.5	131.7	140.5	142.6	144.3	137.4
Farm products consumed [3]	.8	1.3	1.3	1.3	1.2	1.2	1.3	1.1	1.1	1.0	1.0
Change in farm inventories	.1	–1.8	3.5	–2.0	1.1	1.1	5.7	–5.3	7.8	–2.1	–10.4
Gross rental value of farm housing	3.0	4.7	5.4	6.0	7.3	8.2	9.8	11.1	12.2	12.9	12.4
Less: Intermediate products purchased	29.1	50.1	50.7	55.2	58.4	65.5	78.4	81.3	84.8	83.0	80.5
Equals: Gross farm product	**25.8**	**47.7**	**48.9**	**45.9**	**48.4**	**58.7**	**71.6**	**67.7**	**80.8**	**75.1**	**61.5**
Less: Capital consumption allowances [4]	5.9	8.5	10.1	11.1	12.6	14.2	16.3	18.9	20.6	21.9	22.4
Indirect business taxes	2.0	2.3	2.5	2.7	2.8	2.8	3.0	3.4	3.3	3.4	3.5
Plus: Subsidies to farm operators	3.3	.5	.7	.6	1.6	2.7	1.2	1.2	1.8	3.3	8.8
Equals: Income	**21.2**	**37.4**	**37.0**	**32.7**	**34.6**	**44.4**	**53.4**	**46.6**	**58.8**	**53.1**	**44.4**
CONSTANT (1972) DOLLARS											
Total value of farm output [1]	**63.1**	**65.1**	**65.9**	**66.7**	**69.6**	**71.2**	**74.4**	**71.9**	**78.2**	**74.7**	**67.9**
Farm marketings cash receipts [2]	57.6	60.4	59.8	63.7	65.4	67.0	67.9	70.6	69.3	72.8	69.4
Farm products consumed [3]	.8	1.0	1.0	1.0	.8	.7	.7	.6	.6	.5	.5
Change in farm inventories	.4	–.3	1.2	–1.9	–.3	–	2.4	–2.3	3.4	–1.2	–4.2
Gross rental value of farm housing	3.7	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.1	1.8	1.6
Less: Intermediate products purchased	32.0	33.3	32.3	34.6	36.5	38.6	40.3	36.9	35.9	35.7	34.1
Equals: Gross farm product	**31.1**	**31.8**	**33.6**	**32.1**	**33.1**	**32.6**	**34.2**	**35.0**	**40.3**	**38.9**	**33.8**

– Represents zero. [1] Includes other farm income not shown separately. [2] Includes net CCC loans. [3] In households where raised. [4] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July issues.

No. 1130. Farm Debt Outstanding, by Type of Lender: 1970 to 1984

[**In billions of dollars, except percent.** As of **Jan. 1.** Minus sign (—) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 361-367 and K 376-380]

LENDER	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, prel.
Farm debt, total	**53.0**	**73.3**	**81.6**	**91.5**	**103.9**	**122.7**	**140.8**	**165.8**	**182.0**	**201.7**	**216.3**	**214.7**
Annual percent change [1]	7.6	8.4	11.3	12.1	13.6	18.1	14.8	17.8	9.8	10.8	7.3	—.9
Farm debt/asset ratio (percent)	16.8	15.3	16.2	15.9	15.6	16.7	16.1	16.5	16.7	18.6	20.7	20.8
Real estate debt	29.2	39.5	44.6	49.6	55.2	63.3	71.4	85.4	95.5	105.5	109.5	111.6
Federal land banks	6.7	10.9	13.4	15.9	18.5	21.4	24.6	29.6	35.9	43.6	47.2	47.9
Life insurance companies	5.7	6.0	6.3	6.7	7.4	8.8	10.5	12.2	12.9	13.1	12.8	12.7
Commercial and savings banks	3.5	5.5	6.0	6.3	6.8	7.8	8.6	8.6	8.7	8.4	8.4	9.3
Farmers Home Administration [2]	2.3	3.0	3.2	3.4	3.7	4.0	4.1	7.1	7.7	8.7	9.1	9.3
Individuals and others [3]	11.0	14.2	15.8	17.3	18.9	21.3	23.6	27.9	30.2	31.8	32.0	32.3
Non-real estate debt	23.8	33.8	37.0	41.9	48.7	59.4	69.4	80.4	86.4	96.1	106.8	103.0
Commercial and savings banks	10.3	17.2	18.2	20.2	23.3	25.7	28.3	31.0	31.6	32.9	36.1	39.0
Production credit associations [4]	4.7	8.1	9.9	11.1	12.5	13.8	15.4	18.7	20.4	21.9	20.9	19.7
Farmers Home Administration	.8	.9	1.0	1.8	1.9	3.1	5.8	9.0	11.8	14.5	14.8	14.6
Individuals and others [5]	5.3	6.9	7.5	8.6	10.0	12.2	14.3	16.6	17.7	18.8	19.5	18.9
Commodity Credit Corporation	2.7	.8	.3	.4	1.0	4.5	5.7	5.1	5.0	8.0	15.4	10.8

[1] Annual change from prior year shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes direct and insured farm ownership, farm housing, soil and water and recreation loans secured by farm real estate. [3] Includes seller and other individual financing of farm real estate sales and unclassified credit sources. [4] Also includes Federal intermediate credit bank loans to financial groups other than production credit associations. [5] Includes merchants and dealers, individuals, Small Business Administration, and all other unclassified credit sources.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

No. 1131. Indicators of Financial Stress in Agriculture, 1979 to 1983, and by Farm Region, 1983

[**In percent.** For years ending in **June**, except as noted. Based on a survey of approximately 1,000 bankers which reflects their perception of farm financial conditions in their lending areas]

FINANCIAL STRESS INDICATOR	1979	1980	1981	1982	1983					
					Total	Northeast [1]	Corn Belt [2]	South [3]	Plains [4]	West [5]
Average delinquency rate [6] [7]	2.9	(NA)	(NA)	3.9	3.7	3.5	3.5	4.3	3.5	4.5
Farm borrowers who had bank financing discontinued	3.8	4.5	2.9	3.3	2.9	2.7	2.5	4.4	3.0	3.3
Farm borrowers loaned-up to practical limit [7] [8]	29	27	(NA)	32	28	27	26	40	27	32
Farmers in bank lending area who went out of business	(NA)	2.1	(NA)	2.2	2.3	2.0	2.2	3.1	2.4	2.3
Farmers in bank lending area who went through bankruptcy	(NA)	(NA)	(NA)	.8	1.1	1.0	1.0	1.9	.9	1.2

NA Not available. [1] ME, NH, VT, MA, RI, CT, NY, NJ, PA, DE, MD, DC, MI, WI, and MN. [2] OH, IN, IL, IA, and MO. [3] VA, WV, NC, SC, GA, FL, KY, TN, AL, MS, AR, and LA. [4] ND, SD, NE, KS, OK, and TX. [5] MT, ID, WY, CO, NM, AZ, UT, NV, WA, OR, CA, AK, and HI.
[6] Percentage of dollar farm loan volume 30 days or more delinquent. [7] As of June of year shown. [8] Farm customers who have reached their maximum debt load.

Source: American Bankers Association, Washington, DC, *Agricultural Banker*, November 1983, and prior issues.

No. 1132. Cash Sources and Uses of Funds for the Farm Sector: 1970 to 1983

[**In billions of dollars.** Excludes funds from sale of real estate to nonfarm sector. Gross farm operating expenses have been deducted from gross farm income. Changes in the definition of "farm" starting in 1977 caused a significant reduction in the level of nonfarm income of farm firms]

SOURCE AND USE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total funds	**39.9**	**67.7**	**72.1**	**72.7**	**88.3**	**105.2**	**98.3**	**97.2**	**88.1**	**93.7**
Sources:										
Net cash farm and nonfarm income	37.6	57.8	60.4	57.3	71.4	79.6	82.0	80.5	80.9	89.9
Net flow of real estate loans	1.1	5.0	5.6	8.2	8.1	14.0	10.1	10.1	3.9	2.4
Net flow of non-real estate loans [1]	1.2	4.9	6.1	7.2	8.8	11.6	6.2	6.6	3.3	1.4
Uses:										
Personal consumption, and purchases of real estate [2]	30.4	51.4	54.5	52.8	61.9	79.3	73.9	75.4	67.5	74.6
Annual capital formation—										
Purchases of machinery and motor vehicles	4.9	8.7	10.0	10.6	12.7	14.3	12.8	12.1	10.0	10.0
Capital improvement to real estate assets	2.4	4.7	5.0	5.9	6.9	6.7	6.9	5.9	5.4	5.2
Other capital purchases [3]	2.2	2.9	2.6	3.4	6.8	4.9	4.7	3.8	5.2	3.9

[1] Excludes CCC loans. [2] Purchases of real estate are from discontinuing proprietors. Includes other cash uses and nonfarm investment. [3] Includes net additions to household furnishings, commercial bank deposits and currency, and purchases of breeding livestock.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Finance Outlook*, annual.

No. 1133. Farm Income and Expenses: 1970 to 1983

[In billions of dollars, except as indicated. See also *Historical Statistics, Colonial Times to 1970,* series K 192, K 259-260, K 264-285, and K 326]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Gross income from farming	58.8	99.0	98.3	100.6	102.9	108.7	127.2	150.4	150.2	167.9	161.8	151.4
Marketings, cash receipts	50.5	86.9	92.4	88.9	95.4	96.2	112.9	131.8	140.5	142.6	144.8	138.7
Crops	21.0	41.1	51.1	45.8	49.0	48.6	53.7	63.2	72.7	73.3	74.6	69.5
Net CCC loans [1]	−.1	−.9	−.2	.2	1.0	3.6	(z)	−.9	.5	2.0	9.1	−.7
Livestock	29.5	45.8	41.3	43.1	46.3	47.6	59.2	68.6	67.8	69.2	70.1	69.2
Government payments	3.7	2.6	.5	.8	.7	1.8	3.0	1.4	1.3	1.9	3.5	9.3
Value of home consumption	.8	1.1	1.2	1.1	1.2	1.2	1.2	1.3	1.1	1.1	1.1	1.0
Rental value of dwellings	3.3	4.1	4.9	5.4	6.1	7.3	8.1	9.4	11.3	12.5	13.1	12.7
Other farm income	.6	.8	.8	1.0	1.0	1.2	1.2	1.6	1.5	1.9	2.0	1.5
Value of change in inventories [2]	(z)	3.4	−1.6	3.4	−1.5	1.1	.8	4.9	−5.5	7.9	−2.6	−11.7
Expenses of farm production	44.5	64.6	71.0	75.0	82.7	88.9	99.5	118.1	128.9	136.9	139.5	135.3
Intermediate products	25.6	38.6	42.0	43.1	47.9	50.6	57.2	68.6	73.3	75.4	73.7	72.2
Farm origin	13.3	22.9	21.6	20.0	22.6	23.5	27.3	33.2	32.6	31.7	30.5	31.2
Feed	8.0	13.2	14.5	12.9	14.4	14.0	14.5	17.7	18.8	18.8	16.9	19.0
Livestock	4.3	8.1	5.1	5.0	5.9	7.1	10.2	12.6	10.4	9.0	9.7	8.8
Seed [3]	.9	1.6	1.9	2.1	2.4	2.5	2.6	3.0	3.4	3.9	4.0	3.5
Manufactured inputs	5.4	7.2	10.8	12.4	13.4	13.9	15.3	18.5	22.9	24.5	22.9	20.9
Fertilizer and lime	2.4	3.5	6.1	6.7	6.5	6.5	6.6	7.5	9.9	10.1	8.8	7.4
Pesticides	1.0	1.4	1.5	1.8	2.1	1.9	2.7	3.1	3.3	3.6	3.6	3.5
Fuel and oil	1.7	1.9	2.7	3.3	4.0	4.4	4.6	6.2	7.9	8.9	8.3	7.7
Electricity	.3	.4	.5	.6	.9	1.1	1.4	1.6	1.8	2.0	2.1	2.3
Repairs and operation [4]	2.8	3.4	4.0	4.5	5.1	5.8	6.6	7.3	8.1	8.1	8.2	8.2
Machine hire, custom work, and contract labor	1.3	1.8	1.9	2.2	2.3	2.5	2.6	3.2	3.3	3.8	4.1	3.3
Other	2.8	3.4	3.9	4.1	4.4	5.0	5.5	6.3	6.5	7.3	8.0	8.6
Interest	3.4	4.7	5.7	6.4	7.4	8.5	10.2	13.1	16.3	19.9	22.2	21.2
Real estate	1.8	2.4	2.8	3.3	3.8	4.3	5.1	6.2	7.5	9.1	10.5	10.9
Non-real estate	1.6	2.3	2.9	3.1	3.6	4.2	5.2	6.9	8.7	10.7	11.7	10.4
Wages paid hired farm labor [5]	3.9	4.7	5.5	6.0	6.8	7.2	7.5	8.6	9.2	9.1	10.8	10.5
Net rent to nonoperator landlords	2.1	4.8	4.1	4.0	3.5	3.4	4.0	4.8	4.8	4.9	4.8	3.7
Capital consumption [6]	6.9	8.9	10.5	12.4	13.8	15.5	17.0	19.2	21.4	23.4	23.6	23.1
Business taxes	2.6	2.9	3.1	3.2	3.5	3.7	3.8	3.9	3.9	4.2	4.4	4.6
Net income of farm operators from farming	14.4	34.4	27.3	25.6	20.1	19.8	27.7	32.3	21.2	31.0	22.3	16.1
In constant (1967) dollars	12.4	25.9	18.5	15.9	11.8	10.9	14.2	14.9	8.6	11.4	7.7	5.4
Avg. income per farm [7] *($1,000)*	4.9	12.2	9.8	10.1	8.1	8.1	11.4	13.3	8.7	12.7	9.3	6.8
In constant (1967) dollars	4.2	9.2	6.6	6.3	4.7	4.4	5.8	6.1	3.5	4.7	3.2	2.3

Z Less than $50 million. [1] Commodity Credit Corporation (CCC) loans made minus loans repaid. [2] Minus sign (−) indicates decrease in inventories.
[3] Includes bulbs, plants, and trees. [4] Expenditures for repairs and maintenance of farm buildings, motor vehicles, and machinery. [5] Includes social security payments and perquisites. [6] *Depreciation* and accidental damage. [7] 1970–1974 based on 1969 census farm definition; beginning 1975, based on 1974 census definition. See text, p. 629.

No. 1134. Personal Income of the Farm Population: 1970 to 1983

[In billions of dollars, except as indicated. Through 1974 based on 1969 census farm definition; beginning 1975 based on 1974 census definition. See text, p. 629. See *Historical Statistics, Colonial Times to 1970,* series K 256-258 and K 261-263, for data prior to revisions]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Net income of farm operators [1]	14.4	34.4	27.3	25.6	20.1	19.8	27.7	32.3	21.2	31.0	22.3	16.1
Less: Net income of nonresident operators	2.3	6.2	5.1	4.9	3.9	3.9	5.6	6.6	4.3	6.3	4.5	3.3
Plus: Wages, salaries, and other labor income of workers [2]	1.3	1.4	1.6	1.7	1.6	2.1	1.9	1.8	1.9	1.9	2.2	2.2
Less: Contributions of operators and workers to social insurance [2]	.4	.7	.7	.7	.7	.7	.8	1.0	1.0	1.2	1.2	1.3
Equals: Personal income of farm population from farm sources	12.9	28.9	23.1	21.6	17.1	17.2	23.1	26.6	17.9	25.3	18.8	13.6
Plus: Personal income of farm population from nonfarm sources	14.5	19.7	22.0	18.9	19.4	20.5	24.5	26.5	28.5	29.9	30.4	33.3
Equals: Personal income of farm population	27.5	48.6	45.1	40.5	36.5	37.8	47.5	53.1	46.4	55.2	49.2	46.9
Per capita personal income:												
From all sources (dol.)	2,828	5,136	4,873	5,605	5,512	6,095	7,312	8,505	7,667	9,532	8,756	8,109
From farm sources (dol.)	*1,333*	*3,054*	*2,495*	*2,994*	*2,562*	*2,781*	*3,551*	*4,256*	*2,950*	*4,376*	*3,354*	*2,357*
From nonfarm sources (dol.)	1,495	2,082	2,378	2,611	2,930	3,314	3,761	4,249	4,717	5,156	5,402	5,752
Per capita disposable personal income:												
Of farm population (dol.)	2,421	4,401	4,162	4,854	4,735	5,199	6,222	7,196	6,471	8,007	7,390	6,917
Of nonfarm population (dol.)	3,439	4,311	4,691	5,083	5,501	5,989	6,634	7,336	8,074	8,906	9,446	10,057
Percent farm of nonfarm	*70.4*	*102.1*	*88.7*	*95.5*	*86.1*	*86.8*	*93.8*	*98.1*	*80.1*	*89.9*	*78.2*	*68.8*

[1] Income from farming; includes government payments. [2] Farm residents only.

Source of tables 1133 and 1134: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

No. 1135. Government Payments to Farms by Program, and by Value of Farm Sales: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series K 326-329]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total [1]	**Mil. dol**	**3,717**	**807**	**1,819**	**3,030**	**1,375**	**1,286**	**1,932**	**3,492**	**9,294**
Feed grain [2]	Mil. dol	1,504	279	187	1,172	494	382	243	713	1,346
Wheat [2]	Mil. dol	871	77	887	963	114	211	625	652	864
Cotton [2]	Mil. dol	919	138	89	127	185	172	222	800	662
Conservation	Mil. dol	208	193	328	239	197	214	201	179	188
Rice [2]	Mil. dol	(X)	(X)	130	3	59	2	2	156	278
Grain Reserve Extended Storage	Mil. dol	(X)	(X)	(X)	(X)	(X)	160	310	908	555
Emergency Livestock Feed	Mil. dol	(X)	(X)	57	164	59	87	267	12	(Z)
Wool	Mil. dol	49	13	5	27	33	28	35	46	84
Payments to farms with sales of: [3]										
Less than $2,500	Mil. dol	355	37	55	63	22	18	27	46	130
$2,500-$4,999	Mil. dol	227	38	53	65	27	25	37	65	176
$5,000-$9,999	Mil. dol	400	54	96	136	57	52	77	138	372
$10,000-$19,999	Mil. dol	671	82	126	159	64	56	83	147	401
$20,000-$39,999	Mil. dol	826	140	279	397	157	138	205	359	985
$40,000-$99,999	Mil. dol	706	230	618	1,059	466	431	646	1,161	3,106
$100,000-$199,999	Mil. dol	266	105	305	601	298	288	436	799	2,096
$200,000-$499,999	Mil. dol	140	64	184	377	195	191	289	533	1,391
$500,000 and over	Mil. dol	124	57	103	173	89	87	132	244	637
Avg. payment per farm [3]	**Dollar**	**1,260**	**320**	**741**	**1,244**	**566**	**530**	**794**	**1,455**	**3,922**
Farms with sales of—										
Less than $2,500	Dollar	251	46	74	96	39	35	52	93	257
$2,500-$4,999	Dollar	631	123	172	205	84	75	111	199	547
$5,000-$9,999	Dollar	1,074	174	311	430	175	156	232	416	1,146
$10,000-$19,999	Dollar	1,855	260	415	539	219	196	291	521	1,437
$20,000-$39,999	Dollar	2,734	445	923	1,360	553	494	734	1,316	3,626
$40,000-$99,999	Dollar	4,305	729	1,914	3,053	1,243	1,109	1,647	2,954	8,143
$100,000-$199,999	Dollar	7,331	1,091	2,800	4,439	1,806	1,612	2,395	4,295	11,837
$200,000-$499,999	Dollar	10,555	1,665	4,043	6,299	2,564	2,287	3,399	6,094	16,798
$500,000 and over	Dollar	29,795	5,193	7,944	10,051	4,091	3,650	5,423	9,725	26,805

X Not applicable. Z Less than $500,000. [1] Includes cropland adjustment and miscellaneous programs, not shown separately. Data for 1983 also include PIK (payment in kind) program. [2] Covers deficiency, disaster, and voluntary acreage diversion payments. [3] 1970 based on 1969 census definition; beginning 1975 based on 1974 census definition.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

No. 1136. Farm Income—Cash Receipts From Farm Marketings: 1970 to 1983

[Represents gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. See also *Historical Statistics, Colonial Times to 1970,* series K 286-302]

ITEM	FARM MARKETINGS (mil. dol.)									PERCENT		
	1970	1975	1977	1978	1979	1980	1981	1982	1983	1970	1980	1983
Total	**50,509**	**88,902**	**96,235**	**112,870**	**131,768**	**140,507**	**142,557**	**144,762**	**138,719**	**100.0**	**100.0**	**100.0**
All crops	20,977	45,813	48,600	53,708	63,174	72,707	73,342	74,623	69,516	41.5	51.7	50.1
Cotton lint, seed	1,254	2,311	3,470	3,465	4,305	4,478	4,551	4,948	4,283	2.5	3.2	3.1
Tobacco	1,388	2,155	2,331	2,604	2,271	2,674	3,250	3,342	2,831	2.7	1.9	2.0
Food grains	2,542	8,195	6,055	5,839	9,047	10,386	11,616	11,548	9,956	5.0	7.4	7.2
Wheat	2,067	7,026	5,077	4,689	7,823	8,837	9,848	9,990	9,016	4.1	6.3	6.5
Oilbearing crops	3,591	7,480	9,722	13,023	14,326	15,497	13,857	13,961	13,300	7.1	11.0	9.6
Soybeans	3,164	6,637	8,689	11,822	12,964	14,246	12,247	12,661	12,008	6.3	10.2	8.7
Feed crops	5,109	12,183	11,906	11,427	14,042	18,318	17,144	18,274	16,808	10.1	13.0	12.1
Corn	3,326	8,530	8,629	8,246	10,283	13,966	12,790	13,543	12,193	6.6	9.9	8.8
Vegetables [1]	2,814	5,348	5,609	5,941	6,454	7,285	8,743	8,064	8,233	5.6	5.2	6.0
Fruits, tree nuts [1]	2,071	3,563	4,603	5,764	6,436	6,532	6,561	6,726	6,153	4.1	4.6	4.4
Other [2]	2,208	4,579	4,904	5,645	6,293	7,538	7,620	7,760	7,952	4.4	5.4	5.7
All livestock and products	29,532	43,089	47,635	59,162	68,594	67,800	69,215	70,139	69,203	58.5	48.3	49.9
Hogs	4,478	7,916	7,281	8,754	9,027	8,921	9,785	10,586	9,714	8.9	6.4	7.0
Cattle and calves	13,633	17,520	20,225	28,248	34,400	31,464	29,578	29,906	28,694	27.0	22.4	20.7
Sheep and lambs	334	386	386	453	474	470	416	447	418	.7	.3	.3
Wool	57	54	77	76	91	93	104	72	61	.1	.1	(Z)
Dairy products	6,527	9,923	11,752	12,724	14,650	16,587	18,128	18,273	18,808	12.9	11.8	13.6
Eggs	2,109	2,814	2,919	2,939	3,328	3,247	3,648	3,437	3,443	4.1	2.3	2.5
Broilers	1,464	2,953	3,104	3,715	4,025	4,305	4,650	4,482	4,849	2.9	3.1	3.5
Farm chickens	100	110	131	130	164	128	130	119	147	.2	.1	.1
Turkeys, other poultry [3]	494	809	1,059	1,326	1,408	1,478	1,522	1,497	1,521	1.0	1.1	1.1
Other [4]	336	604	702	797	1,027	1,102	1,254	1,320	1,548	.7	.7	1.1

Z Less than .05 percent. [1] Melons included with vegetables. [2] Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broom-corn, popcorn, hemp fiber and seed, and flax fiber. [3] Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. [4] Mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

No. 1137. Farm Income—Farm Marketings, 1982 and 1983, and Principal Commodities in Order of Marketing Receipts, 1983, by State

[In millions of dollars. Cattle include calves; sheep include lambs; and greenhouse includes nursery. See table 1133]

Division and state	1982			1983				State rank for total farm marketings and principal commodities in order of marketing receipts, 1983
	Farm marketings, total	Crops	Livestock and products	Farm marketings			Government payments	
				Total	Crops	Livestock and products		
U.S.	144,762	74,623	70,139	138,719	69,516	69,203	9,294	Cattle, dairy products, corn, soybeans.
N.E.	1,679	617	1,062	1,673	593	1,079	7	
ME	422	164	258	413	153	260	3	43—Dairy prod., eggs, potatoes, cattle.
NH	111	35	76	114	36	78	1	48—Dairy prod., greenhouse, eggs, cattle.
VT	414	34	380	427	37	390	1	42—Dairy prod., cattle, maple prod., apples.
MA	373	237	136	367	231	136	1	44—Greenhouse, dairy prod., cranberries, eggs.
RI	35	21	14	31	19	12	-	49—Greenhouse, dairy prod., eggs, potatoes.
CT	324	127	197	321	118	203	1	45—Dairy prod., eggs, greenhouse, tobacco.
M.A	6,111	1,957	4,154	6,192	1,906	4,286	71	
NY	2,596	736	1,860	2,672	743	1,929	38	23—Dairy prod., cattle, greenhouse, apples.
NJ	560	428	132	543	407	136	4	39—Greenhouse, dairy prod., peaches, soybeans.
PA	2,955	793	2,162	2,977	756	2,221	29	18—Dairy prod., cattle, eggs, mushrooms.
E.N.C	24,035	13,080	10,955	24,031	12,985	11,046	1,280	
OH	3,654	2,089	1,565	3,674	2,136	1,538	171	13—Soybeans, corn, dairy prod., cattle.
IN	4,500	2,756	1,744	4,009	2,180	1,829	265	10—Corn, soybeans, hogs, cattle.
IL	7,892	5,524	2,368	8,144	5,849	2,295	543	4—Corn, soybeans, hogs, cattle.
MI	2,794	1,623	1,171	3,001	1,758	1,243	141	16—Dairy prod., corn, cattle, greenhouse.
WI	5,195	1,088	4,107	5,203	1,062	4,141	160	8—Dairy prod., cattle, corn, hogs.
W.N.C	39,073	17,649	21,423	36,285	15,785	20,500	3,953	
MN	6,651	3,101	3,550	6,277	2,949	3,328	611	5—Dairy prod., soybeans, corn, cattle.
IA	10,303	4,279	6,024	9,335	3,940	5,395	899	2—Hogs, cattle, soybeans, corn.
MO	3,890	1,827	2,063	3,988	1,729	2,259	237	11—Cattle, soybeans, hogs, dairy prod.
ND	2,635	2,029	606	2,691	2,028	663	579	22—Wheat, cattle, sunflower, barley.
SD	2,571	944	1,627	2,586	930	1,656	267	24—Cattle, wheat, hogs, dairy prod.
NE	7,080	2,852	4,228	6,010	2,007	4,003	762	6—Cattle, corn, hogs, soybeans.
KS	5,943	2,617	3,326	5,398	2,202	3,196	598	7—Cattle, wheat, hogs, soybeans.
S.A	16,031	9,272	6,759	15,632	8,824	6,808	260	
DE	404	116	288	455	139	316	4	41—Broilers, soybeans, corn, dairy prod.
MD	1,038	330	708	1,032	330	702	12	35—Broilers, dairy prod., corn, soybeans.
VA	1,681	684	997	1,440	582	858	29	33—Dairy prod., tobacco, broilers, cattle.
WV	224	53	171	228	55	173	4	46—Cattle, dairy prod., broilers, apples.
NC	4,064	2,478	1,586	3,784	2,127	1,657	68	12—Tobacco, broilers, hogs, soybeans.
SC	1,143	748	395	1,058	653	405	46	34—Soybeans, tobacco, cattle, dairy prod.
GA	3,318	1,645	1,673	3,310	1,605	1,705	82	14—Broilers, peanuts, soybeans, eggs.
FL	4,159	3,218	941	4,325	3,333	992	13	9—Oranges, greenhouse, tomatoes, cattle.
E.S.C	9,504	5,178	4,326	9,131	4,565	4,566	422	
KY	2,925	1,645	1,280	2,798	1,323	1,475	60	20—Tobacco, horses/mules, cattle, dairy prod.
TN	2,033	1,134	899	1,930	1,023	907	68	28—Cattle, dairy prod., tobacco, soybeans.
AL	2,176	969	1,207	2,112	854	1,258	64	26—Broilers, cattle, soybeans, eggs.
MS	2,370	1,430	940	2,291	1,365	926	230	25—Cotton, soybeans, broilers, cattle.
W.S.C	18,006	8,442	9,564	16,514	7,320	9,194	1,946	
AR	3,340	1,795	1,545	2,999	1,499	1,500	295	17—Broilers, soybeans, rice, cattle.
LA	1,817	1,309	508	1,853	1,370	483	158	29—Soybeans, cotton, cane for sugar, cattle.
OK	3,200	1,110	2,090	2,692	1,003	1,689	365	21—Cattle, wheat, dairy prod., cotton.
TX	9,649	4,228	5,421	8,970	3,448	5,522	1,128	3—Cattle, cotton, dairy prod., wheat.
Mt	10,561	4,810	5,771	10,448	4,493	5,955	750	
MT	1,562	907	655	1,503	847	656	239	32—Wheat, cattle, barley, dairy prod.
ID	2,047	1,233	814	2,016	1,132	884	136	27—Cattle, wheat, dairy prod., potatoes.
WY	527	113	414	593	115	478	20	37—Cattle, wheat, sugarbeets, hay.
CO	3,052	1,038	2,014	2,927	927	2,000	164	19—Cattle, wheat, corn, dairy prod.
NM	950	323	627	962	327	635	57	36—Cattle, dairy prod., hay, wheat.
AZ	1,679	996	683	1,644	928	716	111	31—Cattle, cotton, dairy prod., lettuce.
UT	528	130	398	579	146	433	19	38—Cattle, dairy prod., hay, wheat.
NV	236	70	166	224	71	153	4	47—Cattle, hay, dairy prod., sheep.
Pac	19,742	13,619	6,123	18,813	13,044	5,769	605	
WA	2,985	1,993	992	3,063	2,104	959	159	15—Wheat, dairy prod., cattle, apples.
OR	1,799	1,146	653	1,700	1,145	555	67	30—Cattle, wheat, dairy prod., greenhouse.
CA	14,429	10,036	4,393	13,494	9,334	4,160	372	1—Dairy prod., cattle, cotton, grapes.
AK	16	9	7	19	11	8	-	50—Greenhouse, dairy prod., hay, potatoes.
HI	513	434	79	537	450	87	7	40—Cane for sugar, pineapples, greenhouse, cattle.

- Represents zero.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics*, annual.

No. 1138. Farm Income, Assets and Debt, by State: 1980 to 1983

[Farm income data are before inventory adjustment. Includes farm households. Minus sign (–) indicates net loss]

Division and state	Gross farm income (mil. dol.)			Net farm income (mil. dol.)			Assets [1] (bil. dol.)		Debt [1] (bil. dol.)		Debt/asset ratio,[1] 1983 (percent)	Net farm income/debt ratio, 1983 (percent)
	1980	1982	1983	1980	1982	1983	1982	1983	1982	1983		
U.S.	155,723	164,381	163,163	26,776	24,899	27,842	1,083	1,045	202	216	20.7	12.9
N.E.	1,734	1,901	1,902	179.6	257.8	216.6	8.2	8.3	1.5	1.5	18.1	14.4
ME	478	467	454	–1.3	–15.2	–28.3	1.7	1.7	.4	.4	24.7	–6.8
NH	117	135	139	3.6	12.0	10.1	.8	.8	.1	.1	11.9	10.1
VT	420	460	476	77.2	83.5	77.6	2.2	2.2	.4	.4	17.3	20.2
MA	356	426	420	56.3	107.9	101.1	1.5	1.5	.3	.3	17.2	38.7
RI	38	41	39	1.6	3.9	.5	.3	.3	(Z)	(Z)	10.1	1.7
CT	325	372	374	42.2	65.7	55.6	1.7	1.8	.3	.3	14.1	21.7
M.A.	6,326	6,946	7,062	727.2	849.4	814.7	34.9	34.3	6.4	6.7	19.5	12.2
NY	2,736	2,889	2,998	269.4	168.4	194.9	13.0	13.0	3.0	3.2	24.9	6.0
NJ	533	666	657	55.7	124.2	124.7	4.1	4.1	.5	.5	12.3	24.6
PA	3,057	3,391	3,407	402.1	556.8	495.1	17.8	17.2	2.9	3.0	17.2	16.8
E.N.C.	27,298	27,419	28,130	5,368.6	3,777.1	5,362.1	193.9	180.3	34.7	36.8	20.4	14.6
OH	4,818	4,275	4,365	1,050.6	401.3	657.3	32.5	29.9	5.3	5.4	18.2	12.1
IN	5,354	5,227	4,862	1,026.4	662.3	518.7	38.3	35.0	7.5	7.8	22.3	6.6
IL	8,742	8,801	9,382	1,727.3	1,209.8	2,474.0	71.2	65.3	11.0	11.8	18.0	21.1
MI	3,118	3,265	3,559	474.6	327.5	589.5	19.8	19.1	4.0	4.4	22.9	13.4
WI	5,266	5,851	5,962	1,089.7	1,176.2	1,122.6	32.1	31.0	6.9	7.4	23.8	15.2
W.N.C.	42,502	44,079	43,513	6,436.7	5,637.1	6,664.3	295.2	276.7	60.2	67.5	24.4	9.9
MN	7,216	7,484	7,493	1,471.1	1,155.7	1,375.0	51.5	48.0	10.7	12.0	25.0	11.5
IA	11,422	11,527	11,094	1,464.7	1,438.0	1,874.4	80.5	73.3	15.7	17.5	23.9	10.7
MO	4,810	4,609	4,784	766.4	372.7	686.7	37.6	34.2	6.8	7.1	20.9	9.3
ND	2,937	3,076	3,501	720.4	318.0	858.5	25.7	25.3	4.9	5.7	22.5	15.1
SD	2,985	2,892	3,061	599.6	260.3	510.5	19.4	18.7	4.8	5.3	28.4	9.6
NE	6,898	7,774	7,141	685.6	1,051.4	721.2	42.0	39.9	9.6	11.2	28.0	6.5
KS	6,234	6,717	6,439	728.9	1,041.0	658.0	38.5	37.3	7.7	8.7	23.3	7.6
S.A.	16,159	17,912	17,631	2,733.0	3,475.1	3,572.2	96.1	95.1	18.7	19.1	20.1	18.7
DE	366	433	486	52.0	101.8	148.1	1.4	1.4	.3	.3	21.6	47.8
MD	1,084	1,221	1,201	133.7	194.6	178.9	8.4	7.7	1.1	1.1	14.7	15.8
VA	1,735	2,001	1,784	118.6	191.7	26.5	14.3	14.5	2.2	2.2	15.2	1.2
WV	313	347	354	–22.0	–29.1	–31.2	4.6	4.7	.4	.4	8.4	–8.0
NC	4,048	4,542	4,305	808.1	989.1	853.0	19.7	19.6	4.0	4.2	21.3	20.4
SC	1,249	1,300	1,232	115.1	106.4	92.9	7.8	7.3	1.7	1.8	24.2	5.2
GA	3,058	3,645	3,679	175.1	642.4	750.4	17.6	17.3	4.9	4.9	28.2	15.4
FL	4,306	4,423	4,590	1,352.4	1,278.2	1,553.6	22.3	22.6	4.1	4.2	18.8	36.7
E.S.C.	10,228	11,249	11,061	2,002.0	2,054.6	2,294.4	73.2	71.1	14.2	14.2	20.0	16.2
KY	3,171	3,407	3,322	910.2	812.5	876.3	20.8	20.7	4.1	4.1	19.9	21.3
TN	2,335	2,521	2,442	343.8	324.6	267.8	18.5	18.4	3.3	3.2	17.6	8.3
AL	2,233	2,544	2,498	320.6	509.6	559.6	15.0	14.3	2.6	2.6	18.1	21.6
MS	2,489	2,777	2,799	427.4	407.9	590.7	18.9	17.7	4.2	4.3	24.5	13.7
W.S.C.	18,939	21,071	20,482	2,452.0	3,008.7	2,892.1	169.9	170.0	25.6	27.2	16.0	10.6
AR	3,379	3,792	3,584	512.0	780.5	649.7	23.2	21.1	4.1	4.3	20.3	15.2
LA	1,865	2,177	2,280	200.6	351.0	590.9	19.1	18.7	3.3	3.4	18.4	17.2
OK	3,576	3,780	3,475	605.2	669.9	376.4	30.3	29.2	5.6	5.8	20.0	6.5
TX	10,119	11,322	11,143	1,134.2	1,207.3	1,275.1	97.3	101.0	12.6	13.7	13.5	9.3
Mt.	12,170	12,104	12,294	1,344.4	890.5	1,165.9	99.0	95.5	17.6	18.7	19.6	6.2
MT	1,632	1,875	1,924	78.7	44.5	110.9	20.3	19.5	4.0	4.3	22.0	2.6
ID	2,292	2,344	2,377	341.6	214.9	326.9	15.4	14.6	3.4	3.6	24.6	9.1
WY	737	616	687	48.7	–100.2	–41.1	7.6	7.4	1.2	1.2	16.9	–3.3
CO	3,462	3,368	3,326	327.0	375.3	334.0	19.3	19.2	4.5	4.8	25.1	6.9
NM	1,315	1,111	1,140	249.2	62.0	79.5	11.6	11.1	1.3	1.4	12.9	5.6
AZ	1,819	1,852	1,858	212.6	247.9	264.5	13.0	12.3	1.8	1.9	15.2	14.1
UT	635	665	721	50.7	18.3	81.6	8.7	8.4	1.0	1.1	12.8	7.6
NV	278	273	261	35.9	27.8	9.6	3.1	3.0	.4	.4	14.2	2.3
Pac.	20,366	21,700	21,089	5,532.2	4,948.5	4,860.2	113.1	113.6	22.8	24.5	21.6	19.8
WA	2,966	3,406	3,554	778.3	812.8	983.7	18.9	19.2	3.6	3.9	20.5	25.0
OR	1,913	2,104	2,028	352.4	357.4	326.7	14.8	14.4	3.4	3.5	24.2	9.4
CA	14,809	15,634	14,921	4,163.9	3,689.4	3,421.3	76.5	77.2	15.6	16.8	21.7	20.4
AK	15	20	22	.9	.6	1.7	.2	.2	(Z)	(Z)	23.1	3.7
HI	663	536	564	236.7	88.3	126.8	2.7	2.6	.2	.3	10.4	46.4

Z Less than $50 million. [1] As of January 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics*, annual.

No. 1139. Indexes of Prices Received and Paid by Farmers: 1965 to 1983

[1977 = 100, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series K 344-353]

ITEM	1965	1970	1973	1974	1975	1976	1978	1979	1980	1981	1982	1983, prel.
Prices received, all products	**54**	**60**	**98**	**105**	**101**	**102**	**115**	**132**	**134**	**139**	**133**	**135**
Crops	53	52	91	117	105	102	105	116	125	134	121	129
Livestock and products	54	67	104	94	98	101	124	147	144	143	145	141
Prices paid, total [1]	**47**	**55**	**71**	**81**	**89**	**95**	**108**	**123**	**138**	**150**	**157**	**161**
Production	48	54	73	83	91	97	108	125	138	148	150	153
Interest payable per acre	22	39	55	65	77	88	117	149	174	211	241	251
Taxes payable per acre	46	68	77	81	87	94	100	107	115	123	131	137
Wage rates [2]	38	57	69	79	85	93	107	117	126	137	143	147
Parity ratio (1910–14 = 100) [3]	**76**	**72**	**91**	**86**	**76**	**71**	**70**	**71**	**65**	**61**	**57**	**56**

[1] Includes production items, interest, taxes, wage rates, and a family living component. The family living component is the Consumer Price Index for all urban consumers from the Bureau of Labor Statistics. See text, pp. 465 and 466, and table 789. [2] Straight average of seasonally adjusted indexes. [3] Ratio of prices received by farmers to prices paid.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Prices: Annual Summary.*

No. 1140. Income per Farm Operator Family, 1975 to 1983, and by Value of Sales, 1983

[In dollars. Net income data are before inventory adjustment and include farm households. Minus sign (–) indicates loss. See also footnote 1, table 1141]

YEAR	Total	Off-farm	Net farm	VALUE OF SALES	Total	Off-farm	Net farm
1975	18,266	9,481	8,787	**1983, total**	**29,048**	**17,299**	**11,749**
1976	19,365	10,685	8,681	Less than $2,500	21,294	21,655	–361
1977	18,267	10,635	7,631	$2,500–$4,999	19,509	20,210	–701
1978	23,207	12,194	11,015	$5,000–$9,999	19,891	20,047	–155
1979	25,709	14,472	11,237	$10,000–$19,999	18,324	18,061	263
1980	26,503	15,474	11,029	$20,000–$39,999	16,493	13,547	2,945
1981	25,849	16,366	9,483	$40,000–$99,999	21,907	11,253	10,654
1982	26,794	16,421	10,373	$100,000–$199,999	38,474	11,793	26,681
1983	29,048	17,299	11,749	$200,000–$499,999	76,844	14,610	62,233
				$500,000 and over	596,187	28,603	567,585

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

No. 1141. Farms, Farm Income, and Assets, by Value of Sales: 1982 and 1983

[Minus sign (–) indicates loss]

FARMS WITH VALUE OF SALES OF—	Number of farms [1] (1,000)	Gross income [2] (bil. dol.)	Cash receipts [3] (bil. dol.)	Net income [2] (bil. dol.)	Assets [4] (bil. dol.)	Debt [4] (bil. dol.)	Debt to asset ratio [4] (percent)	PERCENT DISTRIBUTION			
								Number of farms [1]	Gross income [2]	Net income [2]	Assets [4]
1982: Less than $2,500	495	3.8	.7	–.2	56.5	5.6	10.2	20.6	2.1	–.6	5.2
$2,500–$4,999	328	3.0	1.4	–.3	45.3	4.7	10.4	13.7	1.6	–1.1	4.2
$5,000–$9,999	332	4.4	2.8	–.2	58.8	6.7	11.4	13.8	2.7	–1.0	5.4
$10,000–$19,999	281	6.0	4.7	–.2	71.5	9.4	13.2	11.7	3.7	–.6	6.6
$20,000–$39,999	273	10.5	9.1	.2	108.3	15.1	13.9	11.4	6.4	.8	10.0
$40,000–$99,999	393	31.3	28.8	2.3	261.4	44.9	21.2	16.4	19.0	9.3	24.1
$100,000–$199,999	186	30.5	28.9	3.8	211.6	40.9	19.3	7.8	18.5	15.3	19.5
$200,000–$499,999	87	29.5	28.5	4.8	160.8	37.2	23.1	3.6	18.0	19.3	14.8
$500,000 and over	25	45.7	45.3	14.6	109.3	36.9	33.8	1.0	27.8	58.6	10.1
1983: Less than $2,500	507	3.6	.8	–.2	57.6	6.2	10.8	21.4	2.2	–.7	5.5
$2,500–$4,999	322	3.0	1.5	–.2	44.1	4.9	11.2	13.6	1.8	–.8	4.2
$5,000–$9,999	325	4.5	3.0	–.1	57.1	7.0	12.3	13.7	2.7	–.2	5.5
$10,000–$19,999	279	6.2	4.9	.1	70.3	10.0	14.3	11.8	3.8	.3	6.7
$20,000–$39,999	272	11.0	9.6	.8	106.8	16.2	15.2	11.4	6.7	2.9	10.2
$40,000–$99,999	381	32.3	29.8	4.1	252.9	48.9	19.3	16.1	19.8	14.8	24.2
$100,000–$199,999	177	30.3	28.8	4.7	200.9	43.9	21.8	7.5	18.6	17.0	19.2
$200,000–$499,999	83	28.8	27.9	5.2	151.8	39.9	26.3	3.5	17.7	18.5	14.5
$500,000 and over	24	43.6	43.3	13.5	103.5	39.3	38.0	1.0	26.7	48.4	9.9

[1] Based on 1974 census definition. See text, pp. 629 and 630. [2] Data are before inventory adjustment. For components of income, see table 1133. [3] Includes government payments and other farm income.
[4] Data as of January 1. Includes farm households.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

No. 1142. Commodity Credit Corporation (C.C.C.) Loans—Number of Farms Receiving Loans and Value of Loans: 1982

[Total and data by size of loan receipts include abnormal farms (see footnote 2, table 1119)]

Amount of C.C.C. loans received and type of organization	Farms receiving C.C.C. loans		Value of C.C.C. loans		Size of farm and value of farm sales	Farms receiving C.C.C. loans		Value of C.C.C. loans	
	Number	Percent distribution	Amount (mil. dol.)	Percent distribution		Number	Percent distribution	Amount (mil. dol.)	Percent distribution
Total	**188,765**	**100.0**	**6,611**	**100.0**	Other	513	.2	20	.3
Farms with loan receipts—					Under 50 acres	3,283	1.7	24	.4
$1–$499	7,124	3.8	2	(z)	50–179 acres	23,129	12.3	203	3.1
$500–$999	5,089	2.7	4	(z)	180–499 acres	65,121	34.5	1,314	19.8
$1,000–$4,999	27,693	14.7	77	1.2	500–999 acres	51,383	27.2	1,869	28.3
$5,000–$9,999	25,754	13.6	188	2.8	1,000 acres and over	45,834	24.3	3,200	48.4
$10,000–$19,999	36,813	19.5	526	8.0	Less than $2,500	1,139	.6	1	(z)
$20,000 or more	86,292	45.7	5,814	88.0	$2,500–$4,999	2,192	1.2	4	.1
Individual or family	155,252	82.3	4,648	70.3	$5,000–$9,999	5,997	3.2	21	.3
Partnership	23,527	12.5	1,055	16.0	$10,000–$19,999	14,037	7.4	91	1.4
Corporation	9,458	5.0	887	13.4	$20,000–$39,999	28,577	15.1	336	5.1
Family held	9,042	4.8	844	12.8	$40,000–$99,999	63,111	33.4	1,425	21.6
Other	416	.2	44	.6	$100,000–$249,999	52,837	28.0	2,388	36.1
					$250,000–$499,999	15,492	8.3	1,393	21.1
					$500,000 and over	5,368	2.8	952	14.4

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1982.*

No. 1143. Commodity Credit Corporation—Summary: 1970 to 1983

[In millions of dollars. Through **1976,** *as of or for years ending* **June 30;** *beginning* **1977,** *as of or for years ending* **Sept. 30.** The Commodity Credit Corporation is a wholly government-owned corporation. Its purpose is stabilizing, supporting, and protecting farm income and prices; assisting in maintenance of balanced adequate supplies of agricultural commodities; and facilitating orderly distribution of agricultural commodities. See also *Historical Statistics, Colonial Times to 1970,* series K 330–343]

Item	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
LOAN ACTIVITY [1]												
Loans made	2,388	1,580	1,256	852	1,131	3,621	6,385	4,576	4,228	5,849	11,454	13,710
Loans repaid	1,830	2,535	1,947	939	677	1,167	4,444	4,048	4,148	5,741	4,629	9,373
Loans cancelled by acquisition of collateral	1,073	52	1,252	100	348	23	145	318	115	3,405	363	840
Loans outstanding [2]	2,952	1,418	720	335	637	3,245	5,030	5,210	5,119	5,193	11,633	15,084
Wheat	576	77	10	4	24	1,814	1,318	816	837	1,871	3,321	4,162
Corn	632	451	115	39	61	239	1,280	1,301	1,617	629	4,210	5,274
Cotton	170	26	34	143	24	13	153	80	35	76	714	960
Tobacco	845	481	250	119	353	652	751	903	815	764	667	1,736
Sorghum	52	10	4	1	3	106	278	70	79	96	721	838
Storage facilities, equipment [3]	164	274	271	199	157	236	799	1,324	1,470	1,403	1,210	1,008
COMMODITY INVENTORY OPERATIONS												
Acquisitions, value [2 4]	1,518	576	402	835	657	997	911	1,007	2,759	2,507	2,968	8,634
Purchases	398	511	400	735	307	974	761	677	2,643	2,503	2,593	7,644
Collateral acquired from loans	1,120	65	2	100	350	23	150	330	116	4	375	990
Wheat	217	56	130	4	14	72	135	40	601	28	27	1,544
Corn	49	43	6	2	5	2	31	195	416	21	179	2,620
Cotton	304	(z)	(z)	(z)	(z)	(z)	(z)	(z)	1	(z)	(z)	3
Dairy products	253	158	55	480	115	721	445	247	1,262	1,991	2,282	2,716
Butter	146	97	16	65	2	240	154	75	326	528	561	610
Cheese	7	8	3	92	9	168	51	17	443	768	874	1,173
Dried milk	100	53	36	323	104	313	240	155	493	695	843	928
Wheat flour and products	109	140	177	123	80	89	112	149	124	161	117	97
Vegetable oil products	28	58	67	44	(z)	24	50	117	136	161	89	79
Commodities owned, value [2]	1,858	479	114	416	659	985	1,029	1,162	2,737	3,727	5,103	10,227
Wheat	405	194	26	2	(z)	23	119	118	705	679	679	1,533
Corn	293	99	11	(z)	1	(z)	27	209	596	555	709	3,392
Cotton	225	1	–	(z)	–	(z)	(z)	(z)	1	1	2	174
Sorghum	173	14	2	(z)	(z)	(z)	26	92	93	79	91	520
Dairy products	134	65	25	290	259	703	751	570	1,266	2,396	3,442	4,219
Butter	97	65	11	41	–	186	240	188	385	709	781	[5] 898
Cheese	–	–	–	10	1	93	55	4	309	868	1,395	1,674
Dried milk	37	–	14	239	258	424	456	378	572	799	1,266	1,648

– Represents zero. Z Less than $500,000. [1] Covers commodity loans and storage facility and equipment loans. The latter were not available after July 1982. [2] Includes amounts for commodities not shown separately. [3] Loans for purchase, construction, or installation of storage and drying equipment. [4] For 1970, includes purchases for commodity export program. [5] Includes $25 million in butter oil.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations,* annual.

No. 1144. Commodity Credit Corporation—Volume of Price-Support Commodities Owned and Outstanding Under Loan: 1975 to 1983

[As of **December 31.** For explanation of program, see headnote, table 1143]

COMMODITY	Unit	COMMODITIES OWNED					COMMODITIES OUTSTANDING UNDER LOAN				
		1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Dairy products:											
Butter and butter oil	Mil. lb	3	331	449	503	578	(X)	(X)	(X)	(X)	(X)
Cheese	Mil. lb	5	244	644	945	1,097	(X)	(X)	(X)	(X)	(X)
Nonfat dry milk	Mil. lb	442	707	944	1,377	1,718	(X)	(X)	(X)	(X)	(X)
Rice	Mil. cwt	(Z)	1.7	(Z)	17.6	23.7	8.9	20.5	16.3	53.7	45.0
Wheat	Mil. bu	(Z)	209	191	185	376	32	366	660	1,121	1,107
Corn	Mil. bu	(Z)	254	248	429	1,230	110	966	1,234	2,400	1,450
Sorghum grain	Mil. bu	(X)	44	38	47	189	6	24	181	402	254
Soybeans	Mil. bu	(X)	(Z)	(Z)	14	23	(Z)	72	161	358	81
Cotton [1]	1,000 bales	(Z)	2	2	81	1,315	333	851	1,485	5,623	3,134
Tobacco	Mil. lb	(X)	(X)	(X)	(X)	(X)	335	678	596	609	1,028

X Not applicable. Z Less than half the unit of measure of shown. [1] Upland and extra long staple.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations,* annual. Also in *Agricultural Statistics,* annual.

No. 1145. Commodity Credit Corporation—Realized Losses on Price Support and Related Programs: 1970 to 1983

*[**In millions of dollars.** The realized loss or cost for these programs is reimbursed to C.C.C. by congressional appropriations and does not include reimbursements under Public Law 480 (Food for Peace), National Wool Act, or Export Credit Sales Programs. See also headnote, table 1143. Minus sign (−) indicates net loss]*

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total net realized loss	**−4,213**	**−4,093**	**−2,759**	**−710**	**−525**	**−824**	**−3,056**	**−3,300**	**−2,296**	**−3,531**	**−5,723**	**−19,513**
Net realized loss, program	−3,622	−3,834	−2,512	−661	−451	−747	−2,711	−2,637	−1,544	−2,760	−3,355	−17,643
Producer payments [1]	−2,945	−3,122	−2,351	−560	−288	−594	−2,152	−1,928	−418	−1,030	−1,491	−4,734
Diversion payments [2]	−1,014	−3,122	−2,351	−5	-	-	−189	−78	−56	-	-	−1,332
Deficiency payments [3]	-	-	-	-	-	−129	−1,436	−1,023	−80	-	−1,184	−3,286
Disaster payments [4]	-	-	-	−555	−288	−465	−525	−368	−257	−1,030	−306	−115
Net loss on commodity inventory operations	−398	−161	−71	−114	−162	−108	−296	−333	−479	−926	−1,377	−2,562
Net loss on sales	−2	+227	+173	+87	+20	+1	−131	−114	−70	−203	−483	−581
Proceeds from commodity sales [5]	+880	+1,160	+728	+450	+330	+581	+661	+667	+962	+902	+562	+1,619
Cost of sales	−882	−933	−555	−363	−310	−560	−792	−781	−1,032	−1,105	−1,045	−2,200
Cost of commodities donated	−185	−258	−211	−168	−147	−60	−103	−119	−184	−432	−572	−1,402
Other expenses [6]	−211	−130	−33	−33	−35	−49	−62	−100	−225	−291	−322	−579
Payment-in-kind program	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	−9,424
Grain reserve storage expense [7]	−144	−113	−17	(Z)	-	−1	−86	−282	−237	−87	−464	−1,113
Emergency Feed program payments	-	-	-	-	-	-	−169	−70	−23	−329	−16	-
Loan and other charge offs	−25	−48	−5	−1	−1	−45	−10	−23	−51	−22	−18	−56
Other costs and recoveries	−110	−390	−68	−6	(Z)	+1	+2	−1	−336	−366	+11	+246
Net interest expense [8]	−535	−181	−183	+43	+1	+2	−240	−562	−596	−605	−2,066	−1,523
Net operating and other expense	−56	−78	−64	−72	−75	−79	−105	−101	−156	−166	−302	−347

- Represents zero. X Not applicable. Z Less than $500,000.

[1] *Includes activity for prior year programs, not shown separately.* For 1970, *includes price support payments.* [2] *Payments are* made to producers of feed grains, upland cotton, wheat, and rice who voluntarily diverted additional acreage from crop production to approved conservation uses or elected to divert wheat acreage for grazing or hay, but only if the Secretary of Agriculture determined that such payments were necessary to meet desirable acreage goals. [3] *Payments are made* to producers of wheat, feed grains, upland cotton, and rice when the target price for the commodities exceeds the national weighted average market price or the loan rate, whichever is higher. [4] Payments are made to producers of wheat, feed grains, cotton, and rice in the event a crop cannot be planted, or if the quantity harvested is substantially less than the expected production because of drought, flood, or *other natural disaster, or other conditions beyond the producers' control.* [5] *Includes the value of exported commodities charged* to P.L. 480, Title II. [6] Covers storage, handling and transportation expenses. [7] Payments to producers for storage of grain *under the farmer-owned grain reserve program.* Under the reserve program, a farmer contracts with the government to store grain for a three-year period and receives a nonrecourse loan and annual storage payments. *The Federal* Government has generally extended reserve loans beyond three years rather than have farmers choose not to repay loans and give grain to the government. Grain in the reserve cannot be sold, except with a financial penalty, until the market price reaches a trigger release price, at which time storage payments cease and farmers can repay loans without financial penalty. Interest is charged only for the first year. For 1970–1975, *includes reseal loan storage expense.* [8] *Interest expense minus interest income.*

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations,* annual.

No. 1146. Commodity Credit Corporation—Net Realized Losses on Price Support and Related Programs, by Selected Commodities: 1975 to 1983

[**In millions of dollars.** See headnote, table 1145. Minus sign (–) indicates net loss]

Year and item	Feed grains				Wheat [2]	Cotton, upland	Dairy products		Rice [2]	Oils and oilseeds
	Total [1]	Corn [2]	Sorghum [2]	Barley			Total [1]	Milk		
1975	–314	–238	–64	–15	–56	–127	–164	–44	–5	–3
1980	–670	–514	–123	–28	–91	–103	–315	–172	–2	–128
1981	–572	–433	–102	–34	–514	–305	–765	–312	–252	–19
1982	–849	–455	–329	–65	–691	–565	–1,136	–317	–29	–14
1983, total	***–6,486***	***–7,461***	***–856***	***–155***	***–4,166***	***–2,233***	***–1,750***	***–481***	***–901***	***–13***
Producer payments [3]	–1,471	–1,141	–192	–125	–1,527	–1,199	–	–	–537	–
Diversion payments [4]	–1,012	–850	–125	–25	–295	–	–	–	–25	–
Deficiency payments [5]	–455	–291	–64	–100	–1,226	–1,093	–	–	–512	–
Disaster payments [6]	–4	–	–3	–	–6	–105	–	–	–	–
Net loss on commodity inventory operations	–277	–255	–18	–3	–159	–30	–2,004	–480	–26	–9
Cost of sales and commodities donated	–541	–464	–72	–	–842	–3	–1,973	–516	–27	–35
Sales proceeds [7]	540	464	73	–	771	3	115	78	23	35
Other expenses [8]	–276	–255	–19	–3	–88	–30	–146	–42	–22	–9
Grain reserve storage expense [9]	–832	–681	–124	–26	–281	–	–	–	–	–
Loan and other charge offs	–	–	–	–	–	–	–	–	–	–4
Other costs and recoveries	–12	–12	–	–1	–3	–8	[10] 254	–1	–	–
Payment-in-kind program	–5,894	–5,372	–522	–	–2,196	–996	–	–	–338	–

– Represents zero. [1] Includes other commodities, not shown separately. [2] Includes products. [3] See footnote 1, table 1145. [4] See footnote 2, table 1145. [5] See footnote 3, table 1145. [6] See footnote 4, table 1145. [7] See footnote 5, table 1145. [8] See footnote 6, table 1145. [9] See footnote 7, table 1145. [10] Represents milk marketing fees collected.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations*, annual.

No. 1147. Farmer Marketing and Farm Supply Cooperatives—Summary: 1970 to 1982

[**1970–1977,** for **fiscal years** of cooperatives ending between **July 1** of preceding year and **June 30** of year shown. Beginning **1978,** reports of cooperatives are for the **calendar year.** Memberships and businesses are estimated. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. See also *Historical Statistics, Colonial Times to 1970*, series K 195–203]

Item	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Cooperatives listed	***7,790***	***7,645***	***7,535***	***6,736***	***6,600***	***6,445***	***6,293***	***6,211***	***6,125***
Marketing [1]	5,015	4,916	4,804	4,143	4,050	3,938	3,924	3,855	3,826
Farm supply	2,775	2,729	2,731	2,593	2,550	2,507	2,369	2,356	2,299
Memberships [2] (1,000)	**6,355**	**6,123**	**5,906**	**5,758**	**5,695**	**5,627**	**5,379**	**5,335**	**5,135**
Marketing [1] (1,000)	3,133	3,151	2,850	2,692	2,632	2,567	2,574	2,479	2,469
Farm supply (1,000)	3,222	2,972	3,056	3,066	3,063	3,060	2,804	2,856	2,666
Business [3] (mil. dol.)	**19,080**	**41,342**	**40,104**	**43,584**	**47,305**	**56,268**	**66,254**	**71,534**	**69,150**
Marketing [1] (mil. dol.)	15,207	32,682	30,692	33,027	36,253	42,747	50,120	54,475	52,788
Farm supply (mil. dol.)	3,873	8,660	9,412	10,557	11,052	13,521	16,134	17,059	16,362

Selected products or supplies	Cooperatives handling					Business [3] (mil. dol.)					
	1970	1979	1980	1981	1982, prel.	1970	1975	1979	1980	1981	1982, prel.
Products marketed:											
Grain, soybeans	2,539	2,488	2,434	2,410	2,362	3,006	12,744	14,948	17,790	19,777	18,234
Dairy products	971	495	487	470	451	5,126	8,376	11,592	13,666	15,052	15,776
Fruits and vegetables	499	405	400	388	384	1,776	2,730	3,925	4,209	4,496	4,501
Livestock and livestock products	546	449	449	435	429	2,154	2,614	5,141	5,637	5,196	5,194
Sugar products	66	46	45	41	48	634	2,065	1,209	1,712	1,925	1,519
Cotton and cotton products	554	473	470	480	476	434	935	1,436	1,860	2,099	1,733
Supplies purchased:											
Feed	4,214	3,796	3,613	3,603	3,553	1,279	2,587	3,189	3,544	3,531	3,341
Fertilizer	4,294	3,972	3,802	3,789	3,732	657	1,913	2,755	3,454	3,676	3,407
Petroleum products	2,774	3,062	2,921	2,911	2,871	864	1,675	3,827	5,069	5,646	5,502
Farm chemicals	3,721	3,877	3,697	3,684	3,627	165	502	948	1,048	1,275	1,336
Seed	4,007	3,805	3,620	3,607	3,550	142	337	456	495	575	555

[1] Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities. [2] Excludes nonvoting patrons. [3] Value of commodities sold or purchased for patrons. Business dollar volume for marketing includes service receipts for charges related to marketing and purchasing. Represents net volume after eliminating intercooperative business.

Source: U.S. Dept. of Agriculture, Agricultural Cooperative Service, *Farmer Cooperative Statistics*, annual.

No. 1148. Food Manufacturing Industry—Summary: 1970 to 1983

[Covers manufacturers of food and kindred products (Standard Industrial Classification Code 20); based on various editions of the Standard Industrial Classification Manual, see text, p. 388]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total employees [1]	1,000	1,786	1,658	1,689	1,711	1,724	1,733	1,708	1,671	1,636	1,622
Production workers	1,000	1,207	1,120	1,145	1,161	1,174	1,191	1,175	1,150	1,126	1,118
Avg. hourly earnings, prod. workers	Dollars	3.16	4.61	4.98	5.37	5.80	6.27	6.85	7.44	7.92	8.20
Salaries and wages	Bil. dol.	11.7	15.9	17.3	18.5	20.3	21.7	23.2	24.7	[2] 26.1	(NA)
Supplemental labor cost [3]	Bil. dol.	(NA)	2.6	3.0	3.6	4.1	4.5	4.9	5.4	(NA)	(NA)
Value added by manufacture [4]	Bil. dol.	32.3	48.1	52.8	56.1	62.9	68.7	75.5	80.8	(NA)	(NA)
Cost of materials	Bil. dol.	66.5	123.8	128.6	137.0	154.0	168.0	181.4	191.6	[2] 192.1	(NA)
Value of shipments [5]	Bil. dol.	98.5	172.2	180.9	192.9	216.1	236.0	256.2	272.1	[2] 281.0	(NA)
Total assets	Bil. dol.	23.8	33.0	35.1	38.4	41.7	44.6	48.6	48.8	(NA)	(NA)
Capital expenditures, new [6]	Bil. dol.	2.1	3.4	3.8	4.2	4.8	5.0	5.8	6.0	[2] 6.8	(NA)
Funds for research and development [7]	Mil. dol.	230	335	355	415	472	528	620	(D)	(D)	(D)
Corporate profits before taxes [8]	Bil. dol.	4.8	8.8	9.7	9.2	10.2	11.5	13.0	14.3	13.3	14.8
Corporate profits after taxes [8]	Bil. dol.	2.6	5.2	5.8	5.6	6.2	7.3	8.2	9.1	8.4	9.4
Ratio of profits to stockholders' equity	Percent	10.8	14.4	14.9	13.3	13.8	14.7	14.7	14.0	13.0	12.2
Profits per dollar of sales [9]	Cents	2.5	3.2	3.5	3.1	3.2	3.3	3.4	3.2	3.1	3.3

D Data withheld to avoid disclosure. NA Not available. [1] See headnote, table 696. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. [2] Preliminary. [3] Employers' expenses for legally required labor supplements (e.g., Social Security) and for voluntary programs (e.g., pension funds). [4] See footnote 6, table 1337. [5] See footnote 7, table 1337. [6] Includes expenditures for plants in operation and plants under construction but not yet in operation. [7] Source: U.S. National Science Foundation, *Research and Development in Industry*, annual. [8] Source: Through 1981, U.S. Federal Trade Commission, thereafter U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. [9] After tax profit rates are averages of quarterly figures at annual rates.

Source: Except as noted, U.S. Bureau of the Census, *Census of Manufactures, 1977, General Summary; 1982 Census of Manufactures, Preliminary Statistics;* and *Annual Survey of Manufactures*.

No. 1149. U.S. Total Food and Alcoholic Beverage Expenditures, by Type of Use and Seller: 1970 to 1983

[Covers all food and alcohol purchased by civilians and military, including businesses and institutions. Based on sales of food by different types of seller. Data are primarily based on current sales figures from the *Monthly Retail Trade Report* of the U.S. Bureau of the Census. For further detail, see source]

TYPE OF USE AND SELLER	EXPENDITURES (bil. dol.)								PERCENT		
	1970	1975	1978	1979	1980	1981	1982	1983 [1]	1970	1980	1983 [1]
Total food expenditures	**116.9**	**188.5**	**245.5**	**276.8**	**306.0**	**331.1**	**349.4**	**369.3**	**100.0**	**100.0**	**100.0**
Food for off-premise use	77.5	120.8	150.1	168.2	186.5	200.4	209.8	217.6	66.3	60.9	58.9
Sales, total	73.4	114.8	143.6	161.2	179.0	192.2	200.4	208.3	62.8	58.5	56.4
Food stores [2]	65.5	104.2	130.8	147.2	163.7	175.8	183.4	190.5	56.0	53.5	51.6
Other stores [3]	3.8	6.4	8.5	9.4	10.3	11.2	11.8	12.5	3.3	3.4	3.4
Farmers, manufacturers, wholesalers	1.8	2.2	2.6	3.0	3.3	3.5	3.7	3.8	1.5	1.1	1.0
Home delivered [4]	2.4	2.0	1.7	1.7	1.7	1.6	1.6	1.5	2.1	.5	.4
Home production, donations	4.1	6.0	6.5	7.0	7.5	8.2	9.4	9.3	3.5	2.4	2.5
Meals and snacks	39.4	67.7	95.4	108.6	119.5	130.7	139.6	151.7	33.7	39.1	41.1
Eating and drinking places [5]	22.6	41.2	60.7	69.7	76.6	83.8	90.3	100.5	19.3	25.0	27.2
Schools and colleges [6]	4.5	7.1	9.0	9.9	11.1	11.8	12.5	13.2	3.8	3.6	3.6
Retail stores, direct selling [7]	3.3	5.1	6.4	7.2	8.1	8.6	8.8	9.1	2.8	2.6	2.5
Hotels and motels [5]	1.9	3.2	4.9	5.7	6.1	7.0	7.3	7.4	1.6	2.0	2.0
Recreational places [8]	.7	1.4	2.0	2.3	2.6	2.8	3.0	3.2	.6	.9	.9
Other	6.5	9.8	12.2	13.7	15.0	16.6	17.6	18.3	5.6	4.9	5.0
Total alcoholic beverage sales	**22.0**	**32.1**	**40.7**	**46.1**	**51.5**	**55.3**	**57.6**	**60.0**	**100.0**	**100.0**	**100.0**
Off-premise use	12.9	19.4	24.0	26.9	30.4	32.5	34.0	35.1	58.6	59.0	58.5
Liquor stores	7.7	11.1	13.0	14.7	16.5	17.6	18.3	18.6	35.0	32.0	31.0
Food stores	4.2	6.7	8.8	9.9	11.2	12.1	12.7	13.4	19.1	21.8	22.3
Other	1.1	1.6	2.1	2.4	2.6	2.9	3.0	3.1	5.0	5.2	5.2
On-premise use	9.1	12.7	16.8	19.2	21.2	23.0	23.7	24.9	41.4	41.0	41.5
Eating and drinking places [5]	7.7	10.5	13.6	15.5	17.2	18.5	19.0	20.1	35.0	33.3	33.5
Hotels and motels [5]	.8	1.3	2.0	2.4	2.6	2.9	3.1	3.1	3.6	5.0	5.2
Other	.7	.9	1.1	1.3	1.4	1.5	1.6	1.7	3.2	2.7	2.8

[1] Preliminary. [2] Excludes sales to restaurants and institutions. [3] Includes eating and drinking establishments and trailer parks. [4] Includes mail order. [5] Includes tips. [6] Includes school food subsidies. [7] Includes vending machine operators. [8] Motion picture theaters, sports arenas, camps, golf and country clubs, etc.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures* (Statistical Bulletin 702), December 1983, and unpublished data.

No. 1150. Civilian Consumer Expenditures for Farm Foods—Farm Value and Marketing Bill: 1960 to 1983

[**In billions of dollars, except percent.** Excludes imported and nonfarm foods, such as coffee and seafood, as well as food consumed by the military, or exported. See *Historical Statistics, Colonial Times to 1970,* series K 358-360 for data before revisions]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Consumer expenditures, total	**66.9**	**81.1**	**110.6**	**167.0**	**216.9**	**245.2**	**264.4**	**287.7**	**298.9**	**315.0**
Farm value, total	22.3	27.1	35.5	55.6	69.5	79.2	81.7	83.2	83.7	84.9
Marketing bill, total [1]	44.6	54.0	75.1	111.4	147.4	166.1	182.7	204.5	215.2	230.1
Percent of total consumer expenditures	*66.7*	*66.6*	*67.9*	*66.7*	*68.0*	*67.7*	*69.1*	*71.1*	*72.0*	*73.0*
At-home expenditures [2]	50.0	60.5	78.0	116.2	150.2	169.4	180.1	194.0	196.8	204.6
Farm value	18.7	22.6	29.1	44.0	56.4	64.5	66.2	67.0	66.8	67.5
Marketing bill [1]	31.3	37.9	48.9	72.2	93.9	104.9	113.9	127.0	129.9	137.1
Percent of at-home expenditures	*62.6*	*62.6*	*62.8*	*62.1*	*62.5*	*61.9*	*63.2*	*65.5*	*66.0*	*67.0*
Away-from-home expenditures	16.9	20.6	32.6	50.8	66.7	75.8	84.3	93.7	102.2	110.4
Farm value	3.7	4.5	6.4	11.6	13.1	14.7	15.5	16.3	16.9	17.4
Marketing bill [1]	13.2	16.1	26.2	39.2	53.6	61.1	68.8	77.5	85.3	93.0
Percent of away-from-home expenditures	*78.1*	*78.2*	*80.5*	*77.2*	*80.4*	*80.6*	*81.6*	*82.7*	*83.5*	*84.2*
Marketing bill cost components:										
Labor cost [3]	19.7	23.3	32.2	48.3	66.2	75.2	81.5	91.0	96.6	102.5
Packaging materials	5.4	6.2	8.2	13.3	16.6	18.6	21.0	22.8	23.2	24.4
Rail and truck transport [4]	4.1	4.2	5.2	8.4	10.5	11.8	13.0	14.3	14.7	15.5
Corporate profits before taxes	2.1	3.0	3.6	7.1	9.2	9.9	10.9	12.0	13.0	14.8
Fuels and electricity	13.3	17.3	2.2	4.6	6.3	8.0	9.9	11.6	12.2	12.7
Other [5]			23.7	29.7	38.6	42.6	46.4	52.8	55.5	60.2
Processing	15.1	16.8	29.7	40.9	56.8	64.5	69.8	76.1	77.6	81.7
Wholesaling	5.5	6.6	8.7	13.5	17.1	19.0	20.7	23.9	25.1	27.6
Transportation	4.1	4.3	5.2	8.4	10.5	11.8	13.0	14.3	14.7	15.5
Retailing	19.9	26.3	31.5	48.6	63.0	70.8	79.2	90.2	97.8	105.3
SELECTED FOOD COMMODITY GROUPS										
Beef: Total expenditures	10.0	13.0	19.9	28.6	42.8	48.2	49.8	52.4	54.0	56.3
Farm value	5.0	6.2	9.5	12.8	19.1	22.2	21.8	21.3	21.0	21.0
Percent of total	*50.0*	*47.7*	*47.4*	*44.8*	*44.6*	*46.1*	*43.8*	*40.6*	*38.9*	*37.3*
Marketing bill [1]	*5.0*	*6.8*	*10.4*	*15.8*	*23.8*	*26.0*	*28.0*	*31.1*	*33.0*	*35.3*
Pork: Total expenditures	7.2	8.0	12.4	16.8	23.3	28.2	29.0	31.3	32.3	35.3
Farm value	2.7	3.5	4.3	7.3	8.1	8.4	8.2	9.1	9.8	9.6
Percent of total	*37.5*	*43.8*	*34.7*	*43.4*	*34.8*	*29.8*	*28.3*	*29.1*	*30.3*	*27.2*
Marketing bill [1]	*4.5*	*4.5*	*8.1*	*9.5*	*15.2*	*19.8*	*20.8*	*22.2*	*22.6*	*25.7*
Poultry and eggs:										
Total expenditures	5.2	6.2	9.1	12.7	15.2	17.4	18.3	19.9	20.3	21.7
Farm value	2.9	3.1	4.0	6.3	7.3	8.1	8.3	8.8	8.5	9.2
Percent of total	*55.9*	*49.5*	*44.0*	*49.6*	*48.1*	*46.6*	*45.4*	*44.2*	*41.9*	*42.4*
Marketing bill [1]	2.3	3.1	5.1	6.4	7.9	9.3	10.0	11.1	11.8	12.5
Fluid milk and cream:										
Total expenditures	7.0	7.4	8.9	11.4	11.8	14.7	14.1	14.8	13.8	14.4
Farm value	2.8	3.0	3.9	5.3	5.8	6.6	7.1	7.1	6.8	6.7
Percent of total	39.4	40.5	43.8	46.5	48.9	44.9	50.4	48.0	49.3	46.5
Marketing bill [1]	4.3	4.4	5.0	6.1	6.0	8.1	7.0	7.7	7.1	7.7
Other dairy products:										
Total expenditures	5.0	5.6	7.8	12.0	16.4	18.8	23.7	26.7	28.2	30.6
Farm value	1.9	2.1	3.0	4.7	6.9	8.0	9.0	9.9	9.9	10.5
Percent of total	38.0	37.5	38.5	39.2	37.5	42.6	38.0	37.0	35.1	34.3
Marketing bill [1]	3.1	3.5	4.8	7.3	11.4	10.8	14.7	16.8	18.3	20.1
Fresh fruit, vegetables:										
Total expenditures	7.5	8.7	11.0	15.4	21.9	24.6	25.4	28.0	29.6	30.2
Farm value	2.3	2.7	3.1	5.0	5.6	6.0	6.7	7.6	7.6	7.0
Percent of total	30.7	31.0	28.2	32.7	24.2	24.4	26.4	27.1	25.7	23.2
Marketing bill [1]	5.2	6.0	7.9	10.4	16.3	18.6	18.7	20.4	21.9	23.2
Processed fruits and vegetables:										
Total expenditures	7.3	9.1	11.6	18.2	23.7	26.6	28.3	32.3	34.3	36.3
Farm value	1.2	1.8	2.0	3.5	4.5	4.9	4.9	5.7	6.2	6.0
Percent of total	16.4	19.8	17.2	19.2	18.8	18.4	17.3	17.6	18.1	16.5
Marketing bill [1]	6.0	7.3	9.6	14.7	19.3	21.7	23.4	26.6	28.1	30.3
Bakery, grain mill products:										
Total expenditures	9.4	11.2	13.6	24.2	27.5	31.6	35.2	37.9	39.7	40.2
Farm value	1.4	1.9	2.0	4.2	3.8	4.8	5.1	5.0	4.8	4.9
Percent of total	14.5	16.7	14.7	17.4	13.9	15.2	14.5	13.1	12.1	12.2
Marketing bill [1]	8.0	9.4	11.6	20.0	23.7	26.8	30.1	32.9	34.9	35.3

[1] The difference between civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. [2] Food primarily purchased from retail food stores for use at home. [3] Covers employee wages and salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. [4] Excludes local hauling. [5] Represents advertising, rents, depreciation, interest on borrowed capital, taxes other than income, and other costs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Cost Review, 1983,* AER No. 514, June 1984; *Food Consumption, Prices, and Expenditures, 1963-1983,* SB-713, November 1984; *Agricultural Outlook,* periodic; and *Agricultural Statistics,* annual.

No. 1151. Selected Indexes of Farm Inputs: 1960 to 1983

[1977=100. Inputs based on physical quantities of resources used in production. See *Historical Statistics, Colonial Times to 1970*, series K 486–495 for data before revisions]

INPUT	1960	1965	1970	1975	1976	1978	1979	1980	1981	1982	1983 [1]
Total	**98**	**96**	**97**	**96**	**99**	**102**	**105**	**103**	**102**	**100**	**95**
Farm labor	207	156	126	107	103	95	93	92	90	87	79
Farm real estate [2]	103	102	104	97	98	100	100	101	101	101	100
Mechanical power and machinery	83	90	85	96	98	104	107	104	102	99	93
Agricultural chemicals [3]	32	49	75	83	96	107	118	120	121	111	95
Feed, seed, and livestock purchases [4]	77	86	96	93	101	104	111	108	105	104	101
Taxes and interest	95	101	102	100	102	99	103	100	99	100	101
Miscellaneous	77	85	89	82	90	105	117	99	111	121	114

[1] Preliminary. [2] Includes service buildings, improvements. [3] Includes fertilizer, lime, and pesticides.
[4] Includes nonfarm portion.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in U.S. Council of Economic Advisors, *Economic Report of the President*, annual.

No. 1152. Farm Machinery and Equipment: 1960 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series K 184–191]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Value of farm implements and machinery [1]	Bil. dol.	22.7	24.8	32.3	54.7	64.0	71.0	77.0	85.1	96.8	102.5	108.8	111.0
Number on farms, Jan. 1: [2]													
Tractors [3]	1,000	4,688	4,787	4,619	4,469	4,434	4,402	5,050	4,989	4,880	4,740	4,655	4,615
Horsepower	Mil.	153	176	203	222	228	232	264	266	269	275	275	273
Motortrucks	1,000	2,834	3,030	2,984	3,032	3,043	3,044	*3,450*	*3,555*	*3,734*	*3,972*	*4,050*	*4,050*
Grain combines	1,000	1,042	910	790	524	527	535	660	664	669	671	674	674
Corn pickers [4]	1,000	792	690	635	615	610	605	695	694	690	687	685	685
Pickup balers	1,000	680	751	708	667	641	615	770	769	766	761	758	755
Field forage harvesters	1,000	291	316	304	255	263	270	302	301	301	300	298	295
Farmers' expenditures:													
Motor vehicles [5]	Mil. dol.	1,344	1,940	2,030	3,833	4,604	4,927	5,580	6,284	5,813	5,652	4,784	4,572
Machinery, equipment	Mil. dol.	1,458	2,239	2,888	4,820	5,393	5,585	7,158	8,002	6,956	6,481	5,247	4,695
Retail sales: [6]													
Tractors, total [7]	1,000	(NA)	162.5	135.5	161.1	153.2	130.9	139.6	139.0	119.3	103.8	77.2	71.3
2-wheel drive	1,000	(NA)	162.5	135.5	150.5	142.7	123.2	130.9	127.5	108.4	94.1	70.4	66.2
4-wheel drive	1,000	(NA)	(NA)	(NA)	10.6	10.5	7.7	8.7	11.5	10.9	9.7	6.8	5.1
Combines	1,000	(NA)	37.6	26.7	33.1	32.5	28.8	31.5	32.3	25.7	26.8	16.2	12.8
Corn heads	1,000	(NA)	22.9	18.5	25.4	25.4	20.7	21.2	22.4	17.2	15.7	9.3	6.6
Field forage harvesters	1,000	(NA)	(NA)	15.0	13.1	13.3	13.2	11.5	12.5	9.5	7.6	5.1	4.1

NA Not available. [1] Farm inventory valuations at beginning of year. Includes family automobiles. [2] 1978 data are not directly comparable with totals for 1974 or earlier agriculture census years; see text, p. 630. For all non-census years, data are estimated using prior census as reference point. [3] Excludes garden tractors. [4] Includes picker-shellers. [5] For farm business use. [6] Source: Farm and Industrial Equipment Institute, Chicago, IL, unpublished data. [7] Beginning 1977, covers tractors over 40 hp. only.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual. Also in *Agricultural Statistics*, annual.

No. 1153. Agricultural Chemicals Used on Farms: 1978 and 1982

TYPE OF CHEMICAL	1978			1982		
	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)
Total	**[1] 1,804**	(X)	**9,220**	**[1] 1,596**	(X)	**[2] 11,972**
Commercial fertilizer	1,628	*226,348*	6,331	*1,444*	*224,635*	7,689
Limer	338	16,494		270	11,607	(NA)
Chemicals for defoliation or growth control of crops	82	9,267		74	9,322	
Sprays, dusts, etc. for—						
Insects on hay and other crops	584	75,868	2,890	530	72,848	4,282
Nematodes in crops	104	*8,805*		77	*7,539*	
Crop diseases	129	11,415		126	11,685	
Weeds or grass in crops and pasture	960	164,617		872	176,871	

X Not applicable. [1] If more than 1 subentry was applicable, the farm was tabulated in each. [2] Excludes cost of lime.

Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1.

No. 1154. Commercial Fertilizers Consumed: 1960 to 1983

[**In millions of tons, except percent.** For years ending **June 30.** Includes Puerto Rico. Percent nutrient content excludes secondary and micronutrients. See *Historical Statistics, Colonial Times to 1970*, series K 193, for related but not comparable data]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
All fertilizers	24.9	31.8	39.6	42.5	49.2	51.6	47.5	51.5	52.8	54.0	48.7	42.3
Percent: Nitrogen	11.7	15.3	19.5	21.2	22.2	21.7	21.8	21.7	22.6	23.0	23.4	22.6
Phosphoric oxide	10.9	11.6	11.9	11.1	11.2	11.5	11.2	11.4	10.8	10.5	10.3	10.2
Potash	9.2	9.4	10.5	11.0	11.1	11.9	12.1	12.7	12.4	12.2	12.0	11.9
Mixed fertilizers	15.7	18.6	21.0	20.6	23.0	24.0	22.1	23.7	23.3	23.5	20.9	18.8
Percent: Nitrogen	6.5	7.8	9.3	10.2	10.5	10.6	10.7	10.8	10.8	11.0	11.2	11.6
Phosphoric oxide	13.0	15.2	17.7	18.0	19.3	19.9	19.6	20.1	19.6	20.1	20.4	19.7
Potash	12.1	*12.4*	*12.7*	*12.5*	*12.5*	*12.8*	*12.8*	*12.8*	*13.1*	*12.8*	*12.4*	*12.2*
Primary nutrient materials	7.9	11.8	17.3	20.0	23.9	25.0	23.5	25.6	27.2	28.2	26.1	21.9
Secondary and micronutrients	1.4	1.5	1.3	1.9	2.3	2.5	1.9	2.1	2.3	2.2	1.8	1.6

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Commercial Fertilizers, Consumption in the United States,* annual. Also in *Agricultural Statistics,* annual.

No. 1155. Hired Farmworkers—Workers and Earnings: 1970 to 1981

[Represents persons 14 years old and over in the civilian noninstitutional population who did hired farmwork at any time during the year. Based on Current Population Survey; see text, pp. 1 and 2 and Appendix III. For composition of regions, see fig. I, inside front cover. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	WORKERS (1,000)									MEDIAN EARNINGS PER DAY			
				1981									
					Duration of farmwork								
	1970	1975	1979	Total	Under 25 days	25–74 days	75–149 days	150–249 days	250 days and over	1970	1975	1979	1981
All workers	**2,488**	**2,638**	**2,652**	**2,492**	**969**	**538**	**310**	**281**	**394**	**$9.30**	**$14.80**	**$20.99**	**$23.83**
White [1]	1,940	1,907	1,976	1,824	781	409	198	150	285	9.70	14.75	20.24	21.79
Black and other [1]	547	446	355	340	119	73	40	61	48	8.00	13.90	22.85	23.92
Hispanic	(NA)	285	320	328	69	57	72	70	61	(NA)	17.10	27.13	29.46
Northeast	241	227	188	204	63	50	24	22	44	9.95	14.00	16.63	20.13
Midwest	590	674	785	688	345	136	86	48	74	9.20	14.45	20.01	23.68
South	1,093	1,074	1,071	1,004	398	221	110	120	155	8.35	14.10	20.33	20.76
West	564	664	607	595	163	132	90	90	121	11.75	18.00	25.27	29.90
Migratory	196	188	217	115	24	37	12	28	15	(NA)	(NA)	(NA)	(NA)
Nonmigratory	*2,291*	*2,450*	*2,435*	*2,377*	*945*	*501*	*299*	*253*	*379*	(NA)	(NA)	(NA)	(NA)
14–17 years old	819	835	707	605	332	187	49	25	10	(NA)	10.35	16.63	17.03
18–24 years old	539	733	802	760	279	191	106	79	106	(NA)	17.75	23.16	24.83
25–34 years old	322	393	458	498	168	80	67	71	111	(NA)	21.95	23.17	27.48
35–44 years old	254	219	281	236	59	29	34	31	83	(NA)	21.70	24.34	27.30
45–54 years old	247	193	163	180	52	27	20	31	49	(NA)	19.40	25.69	24.49
55–64 years old	173	144	128	104	24	9	16	32	22	(NA)	19.60	20.25	25.44
65 years and over	133	120	114	108	55	14	18	10	11	(NA)	11.70	19.84	24.76

NA Not available. [1] Beginning 1975, excludes persons of Hispanic origin. 1970 data not comparable with later years.
Source: U.S. Dept. of Agriculture, Economic Research Service, The Hired Farm Working Force, periodic.

No. 1156. Farm Labor—Annual Average Labor-Hours Per Unit of Production, Selected Crops and Livestock: 1960–1964 to 1978–1982

[See also *Historical Statistics, Colonial Times to 1970,* series K 445–485]

CROP AND ITEM	1960–1964	1970–1974	1978–1982	CROP AND ITEM	1960–1964	1970–1974	1978–1982
Corn for grain: Hours per acre [1]	7.0	4.3	3.4	Tobacco: Hours per acre [2]	493	298	237
Yield per acre (bu.)	62.2	84.0	105.2	Yield per acre (1,000 lb.)	1.9	2.0	2.0
Hours per 100 bushel	11	5	3	Hours per 100 lb	26	14	12
Wheat: Hours per acre [1]	3.0	2.9	2.7	Milk cows: Hours per cow	93	62	35
Yield per acre (bu.)	25.2	31.0	34.0	Milk per cow (cwt)	75	101	118
Hours per 100 bushel	12	9	8	Hours per cwt of milk	1.2	.6	.3
Hay: Hours per acre [1]	5.0	3.7	3.2	Cattle, exc. milk cows:			
Yield per acre (sh. tons)	1.77	2.12	2.36	Hours per cwt of beef produced [3]	2.6	1.7	1.1
Hours per sh. ton	2.8	1.8	1.4	Hogs: Hours per cwt produced [3]	1.9	1.0	.4
Potatoes: Hours per acre [1]	48.0	41.6	35.4	Chickens: [4] Hours per 100 layers	126	78	53
Yield per acre (cwt)	195	234	270	Rate of lay [5]	212	225	241
Hours per sh. ton	*5*	*4*	*3*	Hours per 100 eggs produced	.6	.3	.2
Cotton: Hours per acre [1]	47	18	6	*Broilers: Hours per 100 birds*	*3*	*1*	*4*
Yield per acre (lb.)	475	470	483	Hours per cwt produced [3]	.8	.3	.1
Hours per bale	47	18	6	Turkeys: Hours per cwt produced [3]	2.4	.8	.3

[1] Labor-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under. [2] Per acre planted and harvested. [3] Liveweight production. [4] Laying flocks and eggs. [5] Eggs produced during year divided by average number of hens and pullets of laying age on hand during year.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics,* annual.

No. 1157. Farm Productivity—Labor-Hours and Indexes of Farm Output per Hour: 1960 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series K 407-413, K 430-444, and W 67-81]

ITEM	1960	1965	1970	1974	1975	1976	1978	1979	1980	1981	1982	1983, prel.
Hours of labor required on farms [1] (bil.)	**9.8**	**7.3**	**5.9**	**5.2**	**5.0**	**4.8**	**4.4**	**4.3**	**4.3**	**4.2**	**4.0**	**3.7**
All productive livestock (bil.)	3.8	3.0	2.3	1.8	1.7	1.6	1.4	1.3	1.3	1.2	1.1	1.1
All crops [2] (bil.)	4.6	3.4	2.8	2.7	2.6	2.6	2.4	2.4	2.4	2.4	2.4	2.1
Farm maintenance [3] (bil.)	1.4	.9	.8	.7	.7	.6	.6	.6	.6	.6	.5	.5
INDEX (1977=100)												
Farm output per hour	**37**	**52**	**66**	**79**	**89**	**94**	**108**	**119**	**112**	**131**	**131**	**118**
All livestock and products	32	45	64	82	85	93	109	117	129	136	143	154
Meat animals	40	51	67	84	87	94	108	117	127	138	138	147
Milk cows	27	39	57	75	81	91	*109*	*122*	*135*	*148*	*164*	*187*
Poultry	25	40	55	76	81	94	109	119	126	135	142	152
All crops	41	56	70	80	89	91	105	118	104	120	126	105
Feed grains	33	52	62	75	90	95	111	125	107	132	136	96
Hay and forage	43	60	74	87	94	90	109	115	109	120	129	123
Food grains	73	79	93	89	101	98	104	115	116	127	130	131
Vegetables	69	79	91	97	93	100	104	109	113	117	118	119
Fruits and nuts	61	76	84	96	97	101	103	104	112	108	114	113
Sugar crops	52	58	79	82	97	100	103	103	104	111	108	109
Cotton	13	23	31	47	57	70	100	132	103	145	149	138
Tobacco	46	51	79	98	97	101	109	99	104	117	122	104
Oil crops	52	59	72	76	88	84	98	110	99	110	115	95
Cropland used for crops [4]	**94**	**89**	**88**	**96**	**97**	**98**	**97**	**100**	**102**	**103**	**102**	**88**
Crop production per acre	77	85	88	88	96	94	105	113	99	113	116	99

[1] Represents labor used on crops, livestock, and farm maintenance. [2] Beginning 1965, excludes work on farm gardens. [3] Beginning 1965, excludes work on horses and mules. [4] Harvested acreages plus acreages of crop failure and summer fallow.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in *Agricultural Statistics*, annual.

No. 1158. Farm Output Indexes and Acreage of Principal Crops: 1960 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series K 414-429]

ITEM	1960	1965	1970	1974	1975	1976	1978	1979	1980	1981	1982	1983, prel.
INDEX (1977=100)												
Farm output [1]	76	82	84	88	95	97	104	111	103	118	114	93
Per unit of total input	77	86	87	90	99	98	102	106	101	116	114	98
Gross production:												
Livestock and products [2]	82	89	99	100	95	99	101	104	108	109	107	109
Meat animals	80	87	102	104	97	100	100	103	107	106	101	103
Dairy products	95	99	95	94	94	98	99	101	105	108	110	114
Poultry and eggs	68	81	93	94	92	98	106	114	115	119	119	120
Crops [3]	72	76	77	84	93	92	102	113	101	116	118	87
Feed grains	69	70	71	74	91	96	108	116	97	121	124	66
Hay and forage	83	91	92	96	100	94	106	108	98	106	110	100
Food grains	66	67	69	91	108	107	93	108	121	144	140	116
Vegetables	88	94	96	101	97	99	103	107	104	109	113	105
Fruits and nuts	69	74	81	94	98	96	99	105	119	111	111	107
Sugar crops	60	80	95	89	114	112	101	94	97	107	96	93
Cotton	102	107	72	82	58	74	76	102	79	109	85	54
Tobacco	102	97	100	104	114	112	106	80	93	108	104	75
Oil crops	38	53	66	71	86	74	105	129	99	114	124	88
ACREAGE, PRINCIPAL CROPS (millions of acres)												
Planted or grown	324	298	293	328	336	337	338	349	352	366	363	305
Harvested	317	292	289	322	*330*	*330*	*330*	340	341	353	349	293

[1] Annual production available for eventual human use. [2] Includes livestock products not shown separately and excludes horses and mules. [3] Includes crops not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in *Agricultural Statistics*, annual.

No. 1159. Agricultural Exports and Imports—Value: 1960 to 1983

[**In billions of dollars, except percent.** Includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products). Includes shipments under foreign aid programs. See also *Historical Statistics, Colonial Times to 1970*, series K 251-255]

YEAR	Exports, domestic products	Percent of all exports	Imports for consumption	Percent of all imports	YEAR	Exports, domestic products	Percent of all exports	Imports for consumption	Percent of all imports
1960-1964, avg.	5.4	24	3.9	24	1974	21.9	23	10.2	10
1965-1969, avg.	6.3	20	4.6	16	1975	21.9	21	9.3	10
1970-1974, avg.	12.8	21	7.3	12	1976	23.0	20	11.0	9
1975-1979, avg.	26.5	20	13.0	11	1977	23.6	20	13.4	9
1960	4.8	24	3.6	25	1978	29.4	21	14.8	9
1965	6.2	23	4.1	19	1979	34.7	19	16.7	8
1970	7.3	17	5.8	15	1980	41.2	19	17.4	7
1971	7.7	18	5.8	13	1981	43.3	19	16.8	6
1972	9.4	19	6.5	12	1982	36.6	18	15.4	6
1973	17.7	25	8.4	12	1983	36.1	18	16.6	6

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report*, annual, and *Foreign Agricultural Trade of the United States*, Jan.-Feb. issues. Also in *Agricultural Statistics*, annual.

No. 1160. Agricultural Exports—Value, by Principal Commodities and Selected Countries of Destination: 1970 to 1983

[See headnote, table 1159. Data by country of destination not adjusted for transshipments]

COMMODITY AND COUNTRY	VALUE (mil. dol.)								PERCENT		
	1970	1975	1978	1979	1980	1981	1982	1983	1970	1980	1983
Total agricultural exports [1]	**7,259**	**21,859**	**29,384**	**34,749**	**41,233**	**43,339**	**36,623**	**36,098**	**100.0**	**100.0**	**100.0**
Grains and preparations [2]	2,582	11,619	11,585	14,406	17,991	19,390	14,649	15,021	35.6	43.6	41.6
Feed grains and products	1,093	5,283	5,909	7,796	9,831	9,494	6,527	7,352	15.1	23.8	20.4
Corn	818	4,422	5,257	6,977	8,492	7,935	5,582	6,367	11.3	20.6	17.6
Wheat and products	1,136	5,353	4,602	5,586	6,660	8,150	6,928	6,561	15.6	16.2	18.2
Rice	313	858	932	854	1,289	1,527	997	926	4.3	3.1	2.6
Oilseeds and products [2]	1,931	4,452	8,175	8,887	9,393	9,555	9,141	8,716	26.6	22.8	24.1
Soybeans	1,228	2,865	5,208	5,701	5,880	6,186	6,218	5,913	16.9	14.3	16.4
Soybean oil cake and meal	344	639	1,242	1,416	1,665	1,589	1,411	1,527	4.7	4.0	4.2
Vegetable oils and waxes	295	635	970	1,155	1,216	1,077	952	888	4.1	2.9	2.5
Soybean oil	194	269	569	769	689	474	486	424	2.7	1.7	1.2
Animals and animal products [2]	865	1,686	3,032	3,765	3,768	4,239	3,935	3,785	11.9	9.1	10.5
Hides and skins, incl. furskins	187	407	914	1,332	1,046	1,024	1,022	1,010	2.6	2.5	2.8
Cattle hides	130	260	629	906	623	617	704	742	1.8	1.5	2.1
Meats and meat products	132	432	743	853	890	997	978	916	1.8	2.2	2.5
Fats, oils, and greases	246	360	599	740	769	760	663	600	3.4	1.9	1.7
Poultry and poultry products	82	157	341	409	603	770	515	428	1.1	1.5	1.2
Cotton, excluding linters	372	991	1,740	2,198	2,864	2,260	1,955	1,817	5.1	6.9	5.0
Tobacco, unmanufactured	517	852	1,356	1,183	1,334	1,457	1,547	1,462	7.1	3.2	4.1
Fruits and preparations	334	699	1,014	1,127	1,335	1,497	1,376	1,349	4.6	3.2	3.7
Fresh fruits	164	404	565	646	739	855	796	829	2.3	1.8	2.3
Feeds and fodders	138	313	609	838	1,126	1,066	1,037	1,230	1.9	2.7	3.4
Vegetables and preparations	219	505	703	764	1,188	1,553	1,174	980	3.0	2.9	2.7
Nuts and preparations	69	169	324	584	757	581	541	496	1.0	1.8	1.4
Other	232	573	846	997	1,477	1,741	1,268	1,242	3.2	3.6	3.4
Asia [1]	2,670	7,620	10,295	12,109	14,886	15,777	13,616	14,025	36.8	36.1	38.9
Japan	1,214	3,082	4,435	5,255	6,111	6,562	5,547	6,240	16.7	14.8	17.3
Korea, Rep. of	224	830	1,148	1,441	1,797	2,008	1,581	1,840	3.1	4.4	5.1
China:											
Mainland	(Z)	80	573	990	2,210	1,956	1,498	544	(Z)	5.4	1.5
Taiwan	134	565	825	1,074	1,095	1,145	1,155	1,308	1.8	2.7	3.6
Western Europe [1 3]	2,532	7,164	9,115	9,912	11,744	11,905	11,104	9,854	34.9	28.5	27.3
European Economic Community [4]	2,133	5,704	7,312	7,849	9,236	9,059	8,273	7,298	29.4	22.4	20.2
Netherlands	526	1,722	2,346	2,624	3,412	3,301	3,042	2,530	7.2	8.3	7.0
Germany, Fed. Rep. of	529	1,564	1,497	1,399	1,831	1,759	1,448	1,529	7.3	4.4	4.2
United Kingdom	411	588	1,023	1,057	928	960	896	812	5.7	2.3	2.2
Italy	210	798	995	1,005	1,094	1,181	941	713	2.9	2.7	2.0
France	164	406	565	726	748	624	612	485	2.3	1.8	1.3
Spain	143	776	822	930	1,129	1,267	1,458	1,138	2.0	2.7	3.2
Portugal	35	261	372	485	608	757	576	660	.5	1.5	1.8
Latin America [1]	688	2,274	3,158	3,687	6,150	6,367	4,438	5,211	9.5	14.9	14.4
Mexico	155	586	903	1,024	2,468	2,432	1,156	1,942	2.1	6.0	5.4
Venezuela	98	277	387	494	701	893	671	665	1.4	1.7	1.8
Soviet Union	16	1,133	1,687	2,855	1,047	1,665	1,855	1,457	.2	2.5	4.0
Eastern Europe	169	616	1,120	1,933	2,071	1,654	833	819	2.3	5.0	2.3
Canada	826	1,304	1,621	1,650	1,852	1,989	1,805	1,829	11.4	4.5	5.1
Africa	254	1,134	1,556	1,581	2,179	2,766	2,195	2,398	3.5	5.3	6.6
Egypt	26	425	554	601	770	967	800	943	.4	1.9	2.6

Z Less than $500,000 or .05 percent. [1] Includes areas not shown separately. [2] Includes commodities not shown separately. [3] As of Jan. 1, 1982, includes Canary Islands and Madeira Islands. For consistency, data for all years are shown on same basis. [4] Includes data for Belgium, Luxembourg, Denmark, Greece, and Ireland. As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. As of Jan. 1, 1981, Greece became a member of EEC. For consistency, data for all years are shown on same basis.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report*, annual. Also in *Agricultural Statistics*, annual.

No. 1161. U.S. Sales and Donations Under Food for Peace (Public Law 480) Programs, Total, 1954 to 1983, and by Selected Country, 1975 to 1983

[In millions of dollars. For years ending June 30, except beginning 1977, ending Sept. 30]

TITLE AND PROGRAM	Total, 1954-1983	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**35,042**	**1,142**	**973**	**1,328**	**1,300**	**1,193**	**1,228**	**1,287**	**1,436**	**1,542**	**1,314**	**1,373**
Title I sales (loans) [1]	**21,705**	**711**	**577**	**868**	**902**	**735**	**767**	**746**	**843**	**774**	**690**	**773**
Repayable in dollars	11,859	485	577	868	902	735	767	746	843	774	690	773
Repayable in foreign currencies	9,846	226	–	–	–	–	–	–	–	–	–	–
Title II donations	**13,337**	**432**	**396**	**461**	**398**	**458**	**461**	**541**	**593**	**768**	**624**	**600**
Voluntary relief agencies	8,170	181	196	266	299	326	319	374	340	471	456	422
Emergency relief and other [2]	5,167	250	200	194	99	132	143	167	253	297	168	178

REGION AND COUNTRY	1975		1979		1980		1981		1982		1983	
	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations
Total	**867.5**	**460.6**	**746.0**	**541.0**	**843.0**	**593.0**	**774.3**	**768.3**	**890.0**	**624.0**	**773.0**	**600.0**
Near East and South Asia [3]	**603.8**	**183.6**	**401.4**	**218.6**	**432.9**	**165.2**	**387.8**	**268.6**	**390.2**	**253.6**	**367.1**	**213.1**
Bangladesh	237.3	4.5	88.1	29.0	74.4	2.6	50.5	21.6	64.0	34.1	60.0	33.4
Egypt	104.5	12.8	230.7	22.4	285.3	16.1	272.5	28.9	262.0	31.9	238.3	16.8
India	121.6	106.1	–	137.6	–	118.3	–	170.6	–	123.3	–	120.5
Pakistan	79.5	5.4	38.0	3.2	47.5	10.6	47.5	28.8	47.5	50.0	47.5	28.3
Sri Lanka	24.5	5.4	16.3	4.6	23.8	5.1	17.3	7.4	16.7	5.6	21.4	8.3
East Asia [3]	**160.7**	**36.1**	**135.7**	**24.4**	**124.8**	**75.9**	**70.6**	**56.0**	**15.8**	**24.3**	**31.5**	**21.0**
Indonesia	34.8	11.5	88.7	7.5	96.3	17.4	45.0	16.2	15.8	7.8	31.5	8.1
Kampuchea	91.5	2.9	–	–	–	38.3	–	14.1	–	3.8	–	2.1
Korea, Rep. of	8.7	5.7	38.0	–	28.5	–	25.6	–	–	–	–	–
Philippines	–	10.8	9.0	14.8	–	18.8	–	24.1	–	12.6	–	10.7
Africa [3]	**16.2**	**116.8**	**99.9**	**122.6**	**155.6**	**171.3**	**179.6**	**195.4**	**166.0**	**100.2**	**181.5**	**109.3**
Ghana	–	2.8	9.5	5.1	12.1	3.6	12.1	6.9	7.0	6.3	–	5.1
Kenya	–	–	–	1.2	16.1	3.2	15.0	10.4	14.3	3.1	14.3	2.6
Morocco	–	12.7	9.7	11.2	5.8	9.9	25.0	16.2	35.0	13.4	27.5	12.7
Somalia	–	4.6	10.7	7.3	17.7	32.3	15.0	29.9	14.5	6.9	15.0	6.8
Sudan	–	8.2	19.0	1.8	25.0	1.3	30.0	4.9	25.0	1.9	50.0	1.0
Zaire	–	.4	17.0	4.4	15.7	.6	10.0	3.5	10.0	–	10.0	.9
Latin America [3]	**66.8**	**61.0**	**71.3**	**86.9**	**92.1**	**59.9**	**88.7**	**90.7**	**117.7**	**59.8**	**192.4**	**76.2**
Dominican Rep	–	5.5	13.9	6.8	15.0	4.7	14.4	4.4	16.2	3.1	23.0	2.3
El Salvador	–	1.6	–	2.9	3.0	2.5	26.2	9.1	19.9	7.7	39.0	7.8
Haiti	2.3	3.3	8.6	6.8	8.6	7.2	8.6	15.9	13.0	9.2	11.0	7.5
Jamaica	1.4	.2	10.0	.2	10.0	(z)	17.1	(z)	17.5	(z)	20.0	.1
Peru	–	6.4	20.0	15.3	19.0	14.0	19.0	23.5	16.2	–	29.0	26.9
Europe	**–**	**.1**	**38.0**	**–**	**38.0**	**–**	**47.6**	**–**	**–**	**30.5**	**–**	**24.8**
Poland	–	–	–	–	–	–	47.6	–	–	30.5	–	24.8
Portugal	–	–	38.0	–	38.0	–	–	–	–	–	–	–
All other [4]	**–**	**81.0**	**–**	**107.8**	**–**	**121.1**	**–**	**157.6**	**–**	**155.6**	**–**	**155.0**

– Represents zero. Z Less than $50,000. [1] Includes Title III, Food for Development program. [2] Includes economic development and world food programs. [3] Includes countries not shown separately. [4] Includes undistributed transportation cost.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance From International Organizations*, annual.

No. 1162. Agricultural Exports Under Specified Government-Financed Programs—Value, by Selected Commodities: 1960 to 1983

[In millions of dollars, except percent. Includes Puerto Rico. Sources of values for Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Entries for "Outside Government programs" are the residuals of the other two series]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Agricultural exports	**4,832**	**6,229**	**7,259**	**21,859**	**23,636**	**29,384**	**34,749**	**41,233**	**43,339**	**36,623**	**36,098**
Outside Government programs [1]	3,371	4,880	6,226	20,431	22,164	27,813	33,255	39,811	41,939	35,342	34,958
Under Government programs [2]	1,461	1,349	1,033	1,428	1,472	1,571	1,494	1,422	1,400	1,281	1,140
Percent of total	30.2	21.7	14.2	6.5	6.2	5.3	4.3	3.4	3.2	3.5	3.2
Wheat	638.4	739.0	313.3	556.6	374.6	426.8	478.5	423.6	415.3	504.2	477.7
Wheat flour	118.4	87.5	86.2	66.1	108.5	138.1	168.6	145.1	162.7	161.5	125.8
Corn	65.5	56.0	26.5	14.8	213.2	207.8	177.8	169.7	166.3	94.6	103.4
Rice	86.5	72.1	171.3	311.6	144.5	175.8	161.5	171.5	167.4	116.5	147.1
Cotton	230.4	114.6	115.4	32.5	17.8	15.2	17.6	12.6	3.2	11.2	9.9
Soybean oil	72.2	109.6	92.2	36.3	99.1	157.0	142.0	151.9	169.9	174.8	127.8
Milk, nonfat, dried	40.7	58.8	91.4	60.3	81.0	32.1	21.0	27.3	34.5	13.0	12.0

[1] Exports outside specified Government-financed programs include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (*a*) short-term credits and credit guarantees extended by the Commodity Credit Corporation and the Export-Import Bank, (*b*) sales of Government-owned commodities below domestic market prices, and (*c*) export payments in cash or in kind through 1974. [2] Includes commodities not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Foreign Agricultural Trade of the United States*, monthly. Also in *Agricultural Statistics*, annual.

No. 1163. Selected Farm Products—U.S. and World Production and Exports: 1980 to 1982

[In metric tons, except as indicated. Production year, except as indicated. Metric ton=1,102 short tons or .984 long tons]

Item	Unit	United States						World		
		Total			As percent of world					
		1980	1981	1982	1980	1981	1982	1980	1981	1982
PRODUCTION [1]										
Wheat	Mil	65	76	77	14.7	17.5	15.9	442	435	481
Corn for grain	Mil	169	208	212	41.5	47.2	48.2	407	441	440
Soybeans	Mil	48.8	54.4	60.7	60.4	63.1	64.6	80.8	86.3	94.0
Rice, rough	Mil	6.6	8.3	7.0	1.7	2.0	1.7	397	413	420
Tobacco, unmanufactured [2]	1,000	811	936	905	15.6	15.8	13.2	5,189	5,939	6,871
Vegetable oils	Mil	6.0	5.9	6.3	15.7	14.5	15.0	38.3	40.0	42.3
Cotton	Mil. bales [3]	11.1	15.6	12.0	17.2	22.1	17.7	64.8	70.8	67.5
EXPORTS [4]										
Wheat [5]	Mil	42	49	40	44.7	48.5	40.8	94	101	98
Corn	Mil	60	50	48	76.9	73.5	75.0	78	68	64
Soybeans	Mil	19.7	25.3	24.6	80.4	85.6	86.4	24.5	29.6	28.5
Rice, milled basis	Mil	3.0	3.0	2.5	23.4	22.9	21.5	12.8	13.1	11.6
Tobacco, unmanufactured [6]	1,000	272	266	261	20.2	17.9	17.8	1,346	1,484	1,462
Vegetable oils	Mil	1.4	1.5	1.4	12.2	11.2	10.0	11.5	13.4	14.0
Cotton	Mil. bales [3]	5.9	6.6	5.2	30.2	32.5	26.9	19.7	20.2	19.3

[1] Production years vary by commodity. In most cases, includes harvests from July 1 of the year shown through June 30 of the following year. [2] Farm sales weight basis. [3] Bales of 480 lb. net weight. [4] Trade years may vary by commodity. [5] Includes wheat flour on a grain equivalent. [6] Redried weight basis.

Source: U.S. Department of Agriculture, Foreign Agricultural Service, *Foreign Agricultural Commodity Circular Series*, periodic.

No. 1164. Selected Farm Products—Production and Exports: 1970 to 1983

Item	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Corn for grain: Production	Mil. bu	4,152	5,841	6,289	6,505	7,268	7,928	6,639	8,119	8,235	4,166
Exports [1]	Mil. bu	517	1,711	1,684	1,948	2,133	2,433	2,355	1,967	1,870	1,850
Percent of production	Percent	12.5	29.3	26.8	29.9	29.3	30.7	35.5	24.2	22.7	44.4
Soybeans, for beans: Production	Mil. bu	1,127	1,548	1,289	1,767	1,869	2,261	1,798	1,989	2,190	1,567
Exports [1]	Mil. bu	434	555	564	700	[2] 739	875	724	929	905	760
Percent of production	Percent	38.5	35.9	43.8	39.6	39.5	38.7	40.3	46.7	41.3	48.5
Wheat: Production	Mil. bu	1,352	2,127	2,149	2,046	1,776	2,134	2,381	2,785	2,765	2,420
Exports [1]	Mil. bu	741	1,173	950	1,124	1,194	1,375	1,514	1,771	1,509	1,429
Percent of production	Percent	54.8	55.2	44.2	54.9	67.2	64.4	63.6	63.6	54.6	59.0
Cotton: Production	Mil. bales [3]	10.2	8.3	10.6	14.4	10.9	14.6	11.1	15.6	12.0	7.8
Exports [1]	Mil. bales [3]	3.9	3.3	4.8	5.5	6.2	9.2	5.9	6.6	5.2	6.9
Percent of production	Percent	38.2	39.8	45.3	38.2	56.9	63.0	53.2	42.3	43.3	89.6
Tobacco: [4] Production	Mil. lb	1,906	2,182	2,137	1,914	2,025	1,527	1,786	2,064	1,994	1,428
Exports [1]	Mil. lb	639	654	678	693	765	740	658	717	628	621
Percent of production	Percent	33.5	30.0	31.8	36.2	37.8	48.5	36.8	34.7	31.5	43.5

[1] Represents marketing year for each product. [2] Based on inspections for export. [3] 480 lb. net weight bales. [4] Farm sales weight.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics*, annual.

No. 1165. Acreages of Crops Harvested for Specified Purposes: 1960 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series K 496-499]

Item	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
Crops harvested [2]	**Mil. acres**	[3] 324	298	293	336	337	345	338	349	352	366	363	305
Domestic use	Mil. acres	255	222	221	236	240	233	224	224	215	237	251	187
Per capita [4]	Acres	1.41	1.14	1.08	1.09	1.10	1.06	1.00	1.00	.94	1.03	1.08	.80
Exports	Mil. acres	64	76	72	100	97	112	114	125	137	129	112	118
Percent of total	Percent	19.8	25.5	24.6	29.8	28.8	32.5	33.7	35.8	38.9	35.2	30.9	38.7
Crop failure	**Mil. acres**	6	6	5	6	8	9	7	7	12	6	7	6

[1] Preliminary. [2] Area in principal crops harvested as reported by Economic Research Service plus acreage in vegetables, fruits, tree nuts, and farm gardens. [3] Includes feed for horses and mules, not shown separately. [4] Based on Bureau of the Census estimated total population, including Armed Forces overseas, as of July 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual.

No. 1166. Principal Crops—Acreage, Production, and Value: 1971 to 1983

[Acreage, production, and yield of all crops revised on basis of census data. See *Historical Statistics, Colonial Times to 1970*, series K 506–563, for acreage harvested, production, and price data for all crops listed except sorghum]

ITEM	Unit	1971–1975, avg.	1976–1980, avg.	1977	1978	1979	1980	1981	1982	1983, prel.
Corn for grain:										
Acreage harvested	1,000 acres	63,362	72,082	71,614	71,930	72,400	72,961	74,524	72,719	61,443
Production	Mil. bu	5,488	6,926	6,505	7,268	7,928	6,639	8,119	8,235	4,166
Farm value [1]	Mil. dol	11,671	16,669	13,107	16,281	19,877	20,554	20,200	22,039	14,064
Yield per acre	Bu	86.6	96.1	90.8	101.0	109.5	91.0	108.9	113.2	81.0
Price [2]	Dol. per bu	2.15	2.41	2.02	2.25	2.52	3.10	2.50	2.68	3.38
Soybeans for beans:										
Acreage harvested	1,000 acres	49,803	61,810	57,830	63,663	70,343	67,813	66,163	69,442	61,815
Production	Mil. bu	1,352	1,797	1,767	1,869	2,261	1,798	1,989	2,190	1,567
Farm value [1]	Mil. dol	6,720	11,881	10,383	12,450	14,204	13,601	12,005	12,463	12,838
Yield per acre	Bu	27.1	29.1	30.6	29.4	32.1	26.5	30.1	31.5	25.3
Price [2]	Dol. per bu	4.97	6.61	5.88	6.66	6.28	7.57	6.04	5.69	8.19
Hay:										
Acreage harvested	1,000 acres	60,882	60,725	60,988	62,113	61,279	58,870	59,599	59,812	59,697
Production	Mil. tons [3]	130	135	132	144	147	131	143	149	141
Farm value [1]	Mil. dol	4,864	7,146	6,826	6,664	7,345	8,085	9,181	9,479	9,760
Yield per acre	Short tons	2.14	2.22	2.17	2.32	2.40	2.22	2.39	2.50	2.36
Price [2] [4]	Dol. per ton	40.93	52.93	53.70	49.80	59.60	70.90	67.30	68.95	76.21
Wheat:										
Acreage harvested	1,000 acres	56,801	65,537	66,686	56,495	62,454	71,125	80,842	77,937	61,390
Production	Mil. bu	1,757	2,097	2,046	1,776	2,134	2,381	2,785	2,765	2,420
Farm value [1]	Mil. dol	5,291	6,657	4,765	5,281	8,070	9,303	10,174	9,813	8,601
Yield per acre	Bu	30.9	32.0	30.7	31.4	34.2	33.5	34.5	35.5	39.4
Price [2]	Dol. per bu	3.03	3.17	2.33	2.97	3.78	3.91	3.66	3.55	3.56
Tobacco:										
Acreage harvested	1,000 acres	923	945	966	964	828	921	977	913	789
Production	Mil. lb	1,874	1,878	1,914	2,025	1,527	1,768	2,064	1,994	1,428
Farm value [1]	Mil. dol	1,752	2,446	2,270	2,680	2,154	2,720	3,520	3,519	2,496
Yield per acre	Lb	2,030	1,987	1,982	2,101	1,184	1,939	2,113	2,185	1,811
Price [2]	Dol. per lb	.93	1.30	1.19	1.32	1.41	1.52	1.71	1.76	1.75
Cotton:										
Acreage harvested	1,000 acres	11,554	12,527	13,275	12,400	12,831	13,215	13,841	9,734	7,368
Production [5]	Mil. bales [6]	11.4	12.3	14.4	10.9	14.6	11.1	15.6	12.0	7.8
Farm value [1]	Mil. dol	2,083	3,659	3,615	3,045	4,391	3,967	4,075	3,410	2,466
Yield per acre	Lb	474	471	520	420	547	404	542	590	506
Price [2]	Cents per lb	38.1	62.0	52.3	58.4	62.5	74.7	54.3	59.4	66.6
Sorghum for grain:										
Acreage harvested	1,000 acres	14,853	13,417	13,797	13,410	12,901	12,513	13,677	14,137	9,836
Production	Mil. bu	794	722	781	731	807	579	876	835	479
Farm value [1]	Mil. dol	1,494	1,576	1,412	1,464	1,877	1,697	2,079	2,091	1,420
Yield per acre	Bu	53.5	53.8	56.6	54.5	62.6	46.3	64.0	59.1	48.7
Price [2] [7]	Dol. per bu	1.89	2.19	1.82	2.01	2.34	2.94	2.38	2.52	2.97
Potatoes:										
Acreage harvested	1,000 acres	1,321	1,302	1,360	1,375	1,258	1,148	1,232	1,267	1,243
Production	Mil. cwt	316	345	355	366	342	304	341	355	334
Farm value [1]	Mil. dol	1,154	1,384	1,254	1,224	1,172	1,986	1,831	1,563	1,936
Yield per acre	Cwt	239	265	261	267	272	265	276	280	269
Price [2]	Dol. per cwt	3.67	4.01	3.55	3.38	3.44	6.55	5.42	4.45	582
Rice, rough:										
Acreage harvested	1,000 acres	2,231	2,776	2,249	2,970	2,869	3,312	3,792	3,262	2,169
Production	Mil. cwt	101	125	99	133	132	146	183	154	100
Farm value [1]	Mil. dol	929	1,219	941	1,087	1,384	1,873	1,654	1,247	868
Yield per acre	Lb	4,525	4,503	4,412	4,484	4,599	4,413	4,819	4,710	4,598
Price [2]	Dol. per cwt	9.20	9.75	9.49	8.16	10.50	12.80	9.05	8.11	8.90
Oats:										
Acreage harvested	1,000 acres	13,706	10,957	13,485	11,126	9,682	8,657	9,407	10,258	9,076
Production	Mil. bu	693	572	753	582	527	459	510	593	477
Farm value [1]	Mil. dol	732	777	823	689	714	813	954	883	804
Yield per acre	Bu	50.6	52.2	55.8	52.3	54.4	53.0	54.2	57.8	52.6
Price [2]	Dol. per bu	1.05	1.36	1.09	1.20	1.36	1.79	1.89	1.49	1.69
Sugar beets:										
Acreage harvested	1,000 acres	1,323	1,255	1,216	1,269	1,120	1,190	1,228	1,027	1,056
Production	Mil. tons [3]	26.4	25.1	25.0	25.8	22.0	23.5	27.5	20.9	21.0
Farm value [1]	Mil. dol	691	745	604	650	745	1,109	804	740	(NA)
Yield per acre	Short tons	19.9	20.0	20.6	20.3	19.6	19.8	22.4	20.3	19.9
Price [2]	Dol. per ton	26.20	29.68	24.20	25.20	33.90	47.20	29.20	35.40	(NA)

NA Not available. [1] Values are based on season *average prices; see* footnote 2. [2] Season average price received by farmers. State prices weighted by sales to obtain U.S. price. For certain years, prices for wheat, rice, corn for grain, grain sorghums, oats, soybeans, and cotton include an allowance for unredeemed loans and purchase agreement deliveries. [3] *In short tons.* [4] *Prices are for hay sold baled.* [5] State production figures, which conform with U.S. Bureau of the Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for U.S. totals. [6] Bales of 480 pounds, net weight. [7] Based on reported price of grain sorghum.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, in *Agricultural Statistics*, annual; *Crop Production*, annual; *Field Crops* (Statistical Bulletin number 708), annual; *Potatoes and Sweetpotatoes* (Statistical Bulletin number 709), annual; and *Crop Values*, annual.

No. 1167. Production Costs and Returns for Selected Crops: 1981 to 1983

[In dollars per planted acre]

Item	Corn			Wheat			Cotton		
	1981	1982	1983, prel.	1981	1982	1983, prel.	1981	1982	1983, prel.
Total cash receipts	260.17	245.55	258.70	116.83	112.27	131.99	325.55	354.54	374.09
Total cash expenses	203.50	214.24	210.62	86.88	85.69	87.91	278.41	300.03	287.86
Variable expenses [1]	131.22	132.15	125.77	52.29	52.22	52.05	194.66	210.42	198.73
Fixed expenses [2]	72.28	82.09	84.85	34.59	33.47	35.86	83.75	89.61	89.13
Receipts less cash expenses	56.67	31.31	48.07	29.95	26.58	44.08	47.14	54.51	86.23
Capital replacement	28.01	30.90	31.65	19.30	20.98	22.96	38.21	42.22	44.34
Receipts less cash expenses and capital replacement	28.66	.41	16.43	10.65	5.60	21.12	8.93	12.29	41.89

[1] Includes expenses for seed, fertilizer, lime, chemicals, custom operations, fuel and lubrication, repairs, drying, purchased irrigation water, and management fees. [2] Includes taxes and insurance, general overhead, and interest paid on land and non-land capital.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Costs of Production, 1983.*

No. 1168. Crops—Acreage and Value, 1981 to 1983, and Order of Value, 1983, by State

State	Acreage harvested (1,000)			Farm value (mil. dol.)				Crops in order of value, 1983
	1981	1982	1983, prel.	1981	1982	1983, prel. Value	1983, prel. Rank	
U.S. [1]	**354,295**	**349,644**	**292,985**	**82,128**	**82,810**	**69,560**	**(X)**	**Corn, soybeans, hay, wheat.**
AL	4,550	4,424	3,443	886	842	631	33	Soybeans, peanuts, corn, hay.
AZ	1,209	945	678	945	829	737	31	Cotton lint, vegetables, hay, cottonseed.
AR	9,562	9,237	7,841	1,848	1,640	1,404	19	Soybeans, rice, wheat, cotton lint.
CA	6,851	6,185	4,834	8,253	8,159	7,053	1	Fruits, hay, cotton lint, rice.
CO	6,481	6,194	6,091	1,119	1,092	1,173	22	Wheat, hay, corn, potatoes.
CT	146	149	142	71	66	60	47	Tobacco, hay, fruits, vegetables.
DE	555	582	535	120	120	143	43	Soybeans, corn, potatoes, wheat.
FL	1,528	1,396	1,208	2,360	2,185	2,116	11	Fruits, vegetables, sugarcane [2], soybeans.
GA	6,427	6,156	5,168	1,476	1,543	1,404	20	Peanuts, soybeans, corn, tobacco.
HI	105	95	99	355	384	[3] 144	42	Sugarcane [2], fruits, vegetables, coffee.
ID	4,877	4,746	4,490	1,441	1,420	1,439	18	Potatoes, hay, wheat, barley.
IL	24,155	23,848	19,840	6,442	6,700	4,816	3	Soybeans, corn, wheat, hay.
IN	12,970	12,909	10,679	3,001	3,406	2,597	8	Corn, soybeans, wheat, hay.
IA	25,751	25,369	19,973	6,739	6,696	5,113	2	Corn, soybeans, hay, oats.
KS	21,691	22,690	19,150	2,746	3,220	2,772	7	Wheat, hay, sorghum, corn.
KY	5,882	5,853	4,930	1,925	2,065	1,194	21	Tobacco, hay, soybeans, corn.
LA	5,464	5,444	4,533	1,177	1,206	1,004	26	Soybeans, rice, sugarcane [2], cotton lint.
ME	411	411	394	164	136	175	40	Potatoes, hay, fruits, oats.
MD	1,618	1,678	1,515	428	430	392	35	Corn, soybeans, hay, tobacco.
MA	161	162	166	118	125	132	44	Fruits, hay, vegetables, potatoes.
MI	7,436	7,410	6,220	1,784	1,798	1,681	16	Corn, hay, soybeans, fruits.
MN	22,125	21,658	17,610	4,285	4,591	3,621	4	Soybeans, corn, hay, wheat.
MS	6,812	6,779	5,518	1,286	1,400	1,063	24	Soybeans, cotton lint, rice, wheat.
MO	14,648	14,416	12,673	2,574	2,432	1,900	14	Soybeans, hay, corn, wheat.
MT	9,778	9,656	8,709	1,066	1,153	978	27	Wheat, hay, barley, sugar beets.
NE	18,978	18,806	15,066	3,800	3,793	2,986	6	Corn, soybeans, hay, wheat.
NV	544	585	584	102	122	149	41	Hay, potatoes, barley, wheat.
NH	114	112	112	23	26	28	48	Hay, fruits.
NJ	546	524	455	218	218	186	39	Fruits, vegetables, hay, soybeans.
NM	1,378	1,356	1,137	328	313	332	36	Hay, wheat, vegetables, cotton lint.
NY	4,270	4,209	3,907	1,012	1,004	1,043	25	Hay, corn, fruits, vegetables.
NC	5,745	5,725	4,692	2,444	2,273	1,863	15	Tobacco, corn, soybeans, peanuts.
ND	22,361	21,753	18,402	2,488	2,434	1,999	12	Wheat, sunflower, barley, hay.
OH	10,822	10,865	9,081	2,240	2,683	2,301	9	Soybeans, corn, hay, wheat.
OK	10,122	10,244	7,479	1,158	1,244	960	28	Wheat, hay, peanuts, cotton lint.
OR	2,712	2,741	2,668	925	915	957	29	Wheat, hay, fruits, vegetables.
PA	4,647	4,610	4,316	1,212	1,214	1,165	23	Corn, hay, fruits, potatoes.
RI	19	18	18	6	6	6	49	Potatoes, hay, fruits.
SC	3,148	3,333	2,609	771	782	608	34	Tobacco, soybeans, corn, wheat.
SD	15,620	16,003	13,508	1,556	1,673	1,462	17	Hay, wheat, corn, soybeans.
TN	5,738	5,693	4,943	1,180	1,172	838	30	Soybeans, tobacco, corn, hay.
TX	24,365	22,680	17,350	4,499	3,706	3,431	5	Cotton lint, wheat, hay, sorghum.
UT	1,150	1,154	1,069	242	238	267	37	Hay, barley, wheat, fruits.
VT	533	538	539	89	89	93	46	Hay, fruits, potatoes.
VA	3,167	3,184	2,913	907	831	631	32	Tobacco, hay, soybeans, corn.
WA	5,027	4,847	4,642	1,658	1,763	1,992	13	Wheat, fruits, potatoes, hay.
WV	772	774	766	102	108	107	45	Hay, fruits, corn, tobacco.
WI	9,451	9,635	8,442	2,107	2,325	2,160	10	Hay, corn, soybeans, potatoes.
WY	1,873	1,863	1,836	272	240	234	38	Hay, barley, sugar beets, wheat.

X Not applicable. [1] Excludes Alaska. [2] For sugar and seed. [3] Incomplete data.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production* and *Crop Values;* both annual.

No. 1169. Corn—Supply, Disappearance, and Price Support: 1965 to 1983

[In millions of bushels, except as noted. For years beginning October]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Supply, total	**5,251**	**5,161**	**6,204**	**6,692**	**7,394**	**8,380**	**9,233**	**8,258**	**9,154**	**10,410**	**7,287**
Production	4,103	4,152	5,841	6,289	6,505	7,268	7,928	6,639	8,119	8,235	4,166
Imports [1]	1	4	2	3	3	1	1	1	1	1	1
Carryover stocks, Oct. 1	1,147	1,005	361	400	886	1,111	1,304	1,617	1,034	2,174	3,120
Disappearance, total	**4,409**	**4,495**	**5,804**	**5,805**	**6,282**	**7,077**	**7,616**	**7,223**	**6,980**	**7,290**	**6,700**
Domestic	3,722	3,978	4,093	4,121	4,334	4,944	5,183	4,868	5,013	5,420	4,850
Feed and residual	3,362	3,593	3,570	3,571	3,744	4,323	4,508	4,133	4,202	4,522	3,875
Food, industry, and seed	360	385	523	550	590	621	675	735	811	898	975
Exports [1]	687	517	1,711	1,684	1,948	2,133	2,433	2,355	1,967	1,870	1,850
Price support operations: [2]											
Support or target price (dol. per bu.) [3]	1.25	1.35	1.38	1.57	2.00	2.10	2.20	[4] 2.35	2.40	2.70	2.86
National avg. loan rate (dol. per bu.)	1.05	1.05	1.10	1.60	2.00	2.00	2.10	[5] 2.25	[6] 2.40	[6] 2.55	2.65
Quantity placed under loan	215	323	147	275	1,155	642	558	840	1,978	1,580	165
Percent of production	5	8	3	4	18	9	7	13	24	19	4

[1] Includes grain equivalent of corn products. [2] See text, p. 630. [3] Guaranteed on normal production from participating farms. [4] Target price was $2.05 if producer was not in compliance with his normal crop acreage. [5] National average loan rate for corn put into farmer-owned reserve because of grain embargo was $2.40 per bushel. [6] National average loan rate for corn put into farmer-owned reserve was $2.55 per bushel in 1981 and $2.90 in 1982.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation*, quarterly; and *Agricultural Supply and Demand Estimates*, annual. Also in *Agricultural Statistics*, annual.

No. 1170. Corn for Grain—Acreage, Production, and Value, by State: 1981 to 1983

[See *Historical Statistics, Colonial Times to 1970*, series K 502–505, for U.S. data on corn for all purposes]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.) [1]			PRODUCTION (mil. bu.) [1]			FARM VALUE [2] (mil. dol.)			PRICE [2] (dol. per bu.)		
	1981	1982	1983, prel.	1981	1982	1983, prel.	1981	1982	1983, prel.	1981	1982	1983, prel.	1981	1982	1983, prel.
Total	**74,524**	**72,719**	**51,443**	**109**	**113**	**81**	**8,119**	**8,235**	**4,166**	**20,200**	**22,039**	**14,064**	**2.50**	**2.68**	**3.38**
AL	530	380	305	55	66	59	29	25	18	79	68	64	2.70	2.70	3.55
CA	275	330	260	130	130	128	36	43	33	120	147	134	3.35	3.42	4.05
CO	770	790	610	135	129	122	104	102	74	262	283	246	2.52	2.78	3.30
DE	181	177	145	85	102	75	15	18	11	41	46	44	2.65	2.56	4.00
FL	327	210	122	57	66	67	19	14	8	53	34	31	2.85	2.45	3.85
GA	1,380	815	735	50	85	75	69	69	55	196	182	204	2.84	2.62	3.70
IL	11,320	11,440	7,900	126	131	79	1,426	1,499	624	3,608	3,986	2,122	2.53	2.66	3.40
IN	5,000	6,270	4,670	108	126	73	648	790	341	1,601	1,951	1,176	2.47	2.47	3.45
IA	13,850	13,150	8,550	125	120	87	1,731	1,578	744	4,172	4,340	2,418	2.41	2.75	3.25
KS	1,175	1,220	880	126	114	93	148	139	82	382	384	282	2.58	2.76	3.45
KY	1,490	1,490	960	98	103	48	146	153	46	375	394	168	2.57	2.57	3.65
MD	680	640	545	102	103	68	69	66	37	187	171	148	2.70	2.60	4.00
MI	2,800	2,740	1,800	96	107	92	269	293	166	642	748	555	2.39	2.55	3.35
MN	6,770	6,500	4,370	110	113	84	745	735	367	1,735	1,932	1,156	2.33	2.63	3.15
MO	1,940	1,970	1,430	107	101	51	208	199	73	515	543	259	2.48	2.73	3.55
NE	6,880	6,800	4,850	115	110	96	791	748	466	1,986	2,132	1,513	2.51	2.85	3.25
NY	830	765	600	93	92	90	77	70	54	207	211	202	2.68	3.00	3.75
NC	1,830	1,570	1,280	77	99	60	141	155	77	378	368	296	2.68	2.37	3.85
ND	513	520	435	81	68	67	42	35	29	99	95	90	2.39	2.69	3.10
OH	3,750	4,000	2,800	96	114	80	360	456	224	893	1,167	762	2.48	2.56	3.40
PA	1,400	1,300	1,050	96	97	69	134	126	72	360	344	286	2.68	2.73	3.95
SC	570	390	275	58	88	62	33	33	17	86	91	65	2.60	2.73	3.80
SD	2,580	2,690	1,970	70	72	53	181	194	104	415	484	324	2.30	2.50	3.10
TN	640	630	480	84	90	48	54	57	23	145	151	88	2.70	2.67	3.80
TX	1,090	1,140	1,080	117	105	97	128	120	105	367	370	356	2.88	3.09	3.40
VA	625	620	340	90	101	48	56	63	16	152	160	63	2.70	2.55	3.85
WI	3,500	3,350	2,300	108	108	97	378	362	223	903	991	736	2.39	2.74	3.30
Other	828	832	701	99	112	110	82	93	77	241	266	276	(X)	(X)	(X)

X Not applicable. [1] 56 pounds per bushel. [2] Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by State.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual; *Field Crops* (Statistical Bulletin number 708); and *Crop Values*, annual.

No. 1171. Wheat—Supply, Disappearance, and Price Support: 1965 to 1983

[In millions of 60-pound bushels, except as noted. For years beginning June 1. For explanation of price support operations, see text, p. 630. See *Historical Statistics, Colonial Times to 1970*, series K 507 and 509–510, for production and stocks]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Supply	2,238	2,336	2,564	2,817	3,161	2,955	3,060	3,286	3,777	3,932	3,939
Production	1,316	1,352	2,127	2,149	2,046	1,776	2,134	2,381	2,785	2,765	2,420
Imports [1]	1	1	2	2	2	1	2	3	3	8	4
Stocks, June 1, total	921	983	435	666	1,113	1,178	924	902	989	1,159	1,515
Disappearance	1,577	1,513	1,898	1,704	1,983	2,031	2,158	2,297	2,618	2,417	2,545
Domestic use	725	772	726	754	859	837	783	783	847	908	1,116
Food [2]	518	517	589	588	586	592	596	610	602	616	635
Seed and feed [3]	207	255	137	166	273	245	187	173	245	292	481
Exports [1]	852	741	1,173	950	1,124	1,194	1,375	1,514	1,771	1,509	1,429
Price support operations:											
Support or target price per bushel	$1.72	$2.00	$2.05	$2.29	$2.90	$3.40	$3.40	$3.63	$3.81	$4.05	$4.30
Loan rate	$1.25	$1.25	$1.37	$2.25	$2.25	$2.35	$2.50	$3.00	$3.20	$3.55	$3.65
Quantity under support	173	254	52	499	591	257	182	331	452	646	635
Percent of production	13.1	18.8	2.4	23.2	28.9	14.5	8.5	13.9	16.2	23.4	26.2

[1] Imports and exports include flour and other products expressed in wheat equivalent. Compiled from reports of the U.S. Bureau of the Census. [2] Used for food in the U.S., U.S. territories, and by the military. [3] Residual; approximates feed use and includes negligible quantities used for distilled spirits and beer.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Wheat Situation*, quarterly. Also in *Agricultural Statistics*, annual.

No. 1172. Wheat—Acreage, Production, and Value, by State: 1981 to 1983

[See *Historical Statistics, Colonial Times to 1970*, series K 506–508, for U.S. acreage, production, and price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels) [2]			PRODUCTION (mil. bushels) [2]			FARM VALUE [3] (mil. dol.)			PRICE [3] (dol. per bu.)		
	1981	1982	1983 [1]	1981	1982	1983 [1]	1981	1982	1983 [1]	1981	1982	1983 [1]	1981	1982	1983 [1]
Total	80,642	77,937	61,390	35	36	39	2,785	2,765	2,420	10,174	9,813	8,601	3.66	3.55	3.56
AZ	258	143	119	85	87	93	21.8	12.4	11.1	101	45	45	4.61	3.60	4.04
AR	1,650	1,900	1,500	41	38	39	67.7	72.2	58.5	238	233	193	3.52	3.23	3.30
CA	1,345	1,075	680	79	72	69	105.5	77.2	46.6	448	290	188	4.25	3.76	4.03
CO	3,108	2,958	3,063	28	29	40	87.9	85.0	122.1	312	295	410	3.55	3.47	3.36
GA	1,070	1,370	910	43	33	34	46.0	45.2	30.9	153	138	99	3.32	3.05	3.20
ID	1,510	1,510	1,305	60	63	70	89.8	94.8	91.7	325	357	317	3.62	3.77	3.46
IL	1,950	1,500	1,400	50	45	46	97.5	67.5	64.4	332	210	219	3.41	3.11	3.40
IN	1,300	1,030	970	46	42	51	59.8	43.3	49.5	208	136	163	3.48	3.14	3.30
KS	12,100	13,100	10,800	25	35	42	302.5	458.5	448.2	1,137	1,632	1,569	3.76	3.56	3.50
KY	680	620	520	42	38	31	28.6	23.6	16.1	99	75	54	3.45	3.19	3.35
MD	137	136	131	41	42	41	5.6	5.7	5.4	18	18	19	3.25	3.10	3.45
MI	830	560	730	50	41	49	41.5	23.0	35.8	144	76	120	3.41	3.33	3.35
MN	3,510	3,184	2,140	40	40	37	140.0	126.8	79.0	521	475	307	3.72	3.75	3.89
MS	600	950	600	40	38	34	24.0	36.1	20.4	78	108	73	3.25	3.00	3.60
MO	2,750	2,200	1,850	42	34	38	116.5	74.8	70.3	386	224	232	3.34	2.99	3.30
MT	5,820	5,360	4,455	30	34	31	172.8	180.3	136.9	636	658	504	3.66	3.65	3.68
NE	2,900	2,900	2,300	36	35	43	104.4	101.5	98.9	381	350	331	3.65	3.45	3.35
NM	500	510	470	22	25	29	11.0	12.8	13.6	40	46	50	3.64	3.62	3.65
NY	160	125	160	44	44	46	7.0	5.4	7.4	23	18	24	3.21	3.33	3.30
NC	550	650	470	39	36	34	21.5	23.4	16.0	73	71	56	3.40	3.02	3.50
ND	11,570	10,300	7,205	28	32	27	328.3	324.8	194.1	1,164	1,199	748	3.55	3.69	3.85
OH	1,600	1,200	1,200	44	43	49	70.4	51.6	58.6	250	163	197	3.55	3.16	3.35
OK	6,400	6,900	4,300	27	33	35	172.6	227.7	150.5	662	831	534	3.83	3.65	3.55
OR	1,260	1,200	1,085	59	53	60	74.3	63.5	65.6	285	255	243	3.84	4.02	3.70
PA	240	228	200	36	36	38	8.6	8.2	7.6	30	27	27	3.50	3.25	3.60
SD	3,820	3,595	2,727	23	27	33	89.0	98.5	89.7	318	364	328	3.57	3.69	3.65
TN	650	630	600	44	36	33	37.4	29.9	19.8	131	90	65	3.50	3.02	3.30
TX	6,550	6,000	4,600	26	24	35	183.4	144.0	161.0	669	530	580	3.65	3.68	3.60
UT	265	266	217	35	35	37	9.3	9.3	8.0	35	31	26	3.70	3.36	3.26
VA	390	350	340	44	38	42	17.2	13.3	14.3	57	41	49	3.34	3.06	3.40
WA	3,050	2,840	2,690	55	49	64	168.4	138.9	172.6	660	561	647	3.92	4.04	3.75
WY	279	309	271	30	29	33	8.3	9.0	9.0	28	30	29	3.39	3.34	3.25
Other	1,640	2,138	1,382	41	36	33	67.6	76.9	46.2	228	236	155	(X)	(X)	(X)

X Not applicable. [1] Preliminary. [2] 60 pounds per bushel. [3] See footnote 2, table 1170.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Field Crops*, (Statistical Bulletin number 708); and *Crop Values*, annual.

No. 1173. Soybeans—Supply, Disappearance, and Price Support: 1965 to 1983

[**In millions of bushels, except as noted.** For years beginning **Sept. 1.** For explanation of price supports, see p. 630. See *Historical Statistics, Colonial Times to 1970,* series K 521, for production]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Supply, total	**875**	**1,357**	**1,736**	**1,533**	**1,870**	**2,030**	**2,437**	**2,156**	**2,302**	**2,444**	**1,912**
Production	846	1,127	1,548	1,289	1,767	1,869	2,261	1,798	1,989	2,190	1,567
Stocks, Sept. 1	30	230	188	245	103	161	176	358	313	254	345
Disappearance, total	**840**	**1,258**	**1,491**	**1,430**	**1,709**	**1,854**	**2,079**	**1,843**	**2,048**	**2,099**	**1,817**
Crushed	538	760	865	790	927	1,018	1,123	1,020	1,030	1,108	980
Seed, feed and residual [1]	52	64	71	76	82	97	81	99	89	86	77
Net exports	251	434	555	564	700	739	875	724	929	905	760
Percent of total	29.8	34.5	37.2	39.5	41.0	39.9	42.1	39.3	45.4	43.1	42.1
Ending stocks	36	99	245	103	161	176	358	313	254	345	95
Price support:											
Support price per bushel	$2.25	$2.25	(2)	$2.50	$3.50	$4.50	$4.50	$5.02	$5.02	$5.02	$5.02
Quantity under support	87	146	(2)	22	97	64	122	133	222	397	102
Percent of production	10.3	13.0	(X)	1.7	5.5	3.4	5.4	7.4	11.2	18.1	6.5

X Not applicable. [1] Residual represents adjustment for statistical discrepancy. [2] Price support not authorized for the 1975 crop.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Fats and Oils Situation,* quarterly. Also in *Agricultural Statistics,* annual.

No. 1174. Soybeans for Beans—Acreage, Production, and Value, by State: 1981 to 1983

[See *Historical Statistics, Colonial Times to 1970,* series K 521, for U.S. totals]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.)			PRODUCTION (mil. bu.)			PRICE [1] (dol. per bu.)			FARM VALUE [1] (mil. dol.)		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
Total [2]	**66,163**	**69,442**	**61,815**	**30.1**	**31.5**	**25.3**	**1,989**	**2,190**	**1,567**	**6.04**	**5.69**	**8.19**	**12,005**	**12,463**	**12,838**
AL	2,020	2,000	1,450	23.0	25.0	19.0	46	50	28	6.08	5.36	8.00	282	266	220
AR	4,500	4,400	3,800	22.0	24.0	17.5	99	106	67	6.17	5.71	8.20	611	603	545
GA	2,200	2,350	1,950	19.0	27.0	21.0	42	63	41	6.09	5.45	7.75	255	346	317
IL	9,150	9,200	8,800	38.0	38.5	28.5	348	354	251	6.15	5.89	8.45	2,138	2,086	2,119
IN	4,600	4,500	3,950	33.0	38.5	30.5	152	173	120	6.08	5.51	8.35	923	955	1,006
IA	8,050	8,400	7,960	40.0	36.5	33.5	322	307	267	5.88	5.82	8.20	1,893	1,784	2,187
KS	1,510	1,780	1,520	30.0	26.0	15.0	45	46	23	5.80	5.57	8.20	263	258	187
KY	1,650	1,630	1,390	29.0	31.5	16.5	48	51	23	6.33	5.74	8.20	303	295	188
LA	3,030	2,900	2,570	21.0	26.0	25.5	64	75	66	6.37	5.65	7.80	405	426	511
MI	1,040	1,140	1,040	30.0	31.0	32.0	31	35	33	6.02	5.46	8.25	186	193	275
MN	4,350	4,830	4,600	32.0	35.0	31.5	139	169	145	5.77	5.81	8.10	803	982	1,174
MS	3,700	3,550	3,050	21.0	26.0	18.5	78	92	56	6.21	5.74	8.15	483	530	460
MO	5,000	5,700	5,050	30.0	30.0	19.5	150	171	98	6.01	5.61	8.25	902	959	812
NE	2,070	2,250	2,050	38.0	35.0	28.0	79	79	57	5.75	5.50	7.95	452	433	456
NC	1,850	2,100	1,650	25.0	25.0	19.0	46	53	31	6.13	5.58	8.25	284	293	259
OH	3,450	3,700	3,280	28.5	36.0	31.0	98	133	102	6.18	5.68	8.25	608	757	839
SC	1,550	1,800	1,430	20.0	22.0	16.0	31	40	23	6.17	5.75	8.05	191	228	184
TN	2,350	2,300	1,950	25.0	26.5	15.5	59	61	30	6.06	5.57	8.25	356	339	249
TX	480	920	420	22.0	25.0	22.5	11	23	9	5.69	5.40	7.75	60	124	73
VA	635	665	610	28.0	29.0	16.0	18	19	10	6.09	5.70	8.00	108	110	78

[1] Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by State. [2] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual; *Field Crops* (Statistical Bulletin No. 708); and *Crop Values,* annual.

No. 1175. Sorghum Grain—Supply, Disappearance, and Price Support: 1965 to 1983

[**In millions of bushels, except as noted.** For years beginning **Oct.** For explanation of price supports, see p. 630]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total supply	**1,239**	**927**	**684**	**789**	**762**	**872**	**922**	**967**	**726**	**964**	**1,131**	**879**
Production	673	683	623	754	711	781	731	807	579	876	835	479
Carryover stocks	566	244	61	35	51	91	191	160	146	109	296	400
Disappearance	**848**	**837**	**649**	**738**	**671**	**682**	**762**	**821**	**617**	**688**	**731**	**650**
Domestic, total	582	693	437	509	425	468	555	496	313	439	517	400
Feed and residual	569	680	426	498	414	456	544	483	301	428	507	390
Exports	266	144	212	229	246	214	207	325	305	249	214	250
Price support operations:												
Support or target price per cwt	$2.00	$2.14	$2.34	$2.34	$2.66	$4.07	$4.07	$4.18	[1] $4.46	$4.55	$4.64	$4.86
National avg. loan rate per cwt	$1.65	$1.61	$1.88	$1.88	$2.55	$3.39	$3.39	$3.57	[2] $3.82	[2] $4.07	[2] $4.32	$4.50
Placed under loan (mil. cwt)	59.4	17.1	2.2	4.9	11.9	121.4	51.6	35.6	18.1	155.0	134.6	7.5
Percent of production	20	1	1	1	1	28	13	8	5	31	29	3

[1] Target price was $4.38 per cwt, if producer was not in compliance with his normal crop acreage. [2] National average loan rate for grain sorghum put into the farmer-owned reserve was $4.07 per cwt in 1980, $4.32 per cwt in 1981, and $4.91 in 1982.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation,* quarterly, and *Agricultural Supply and Demand Estimates,* periodic. Also in *Agricultural Statistics,* annual.

No. 1176. Cotton—Summary: 1965 to 1983

[**In thousands of net weight 480 lb. bales, except as indicated.** For years beginning **Aug. 1.** Excludes linters. Excludes Alaska, Hawaii, and Puerto Rico except for imports and exports. Production figures are compiled from reports of individual ginners. Price per pound is average price received by farmers. For stocks, see *Historical Statistics, Colonial Times to 1970,* series K 554–556]

Yearly average or year	Production		Consumption [1]	Net exports	Net imports	Beginning carryover	Average price per pound of upland cotton (cents)	Price support operations [2]		
	Running bales	Equivalent 480-lb. bales						Price per lb. [3] (cents)	Total under support	Percent of production
1965–1969	10,557	10,571	8,920	3,586	98	11,358	23.7	32.6	3,917	37.5
1970–1974	11,511	11,777	7,513	4,528	45	4,267	33.3	37.6	1,932	16.8
1975–1979	11,465	11,751	6,653	5,798	29	4,324	57.6	43.6	1,555	13.2
1975	8,151	8,302	7,250	3,311	92	6,708	51.1	36.1	691	8.5
1976	10,347	10,581	6,674	4,784	38	3,681	63.8	38.9	941	9.2
1977	14,018	14,389	6,483	5,484	5	2,928	52.1	44.6	4,518	31.6
1978	10,549	10,855	6,352	6,180	4	5,347	58.1	48.0	1,524	14.2
1979	14,262	14,629	6,506	9,229	5	3,958	62.3	50.2	1,720	11.8
1980	10,826	11,122	5,891	5,926	28	3,000	74.4	48.0	2,276	20.7
1981	15,150	15,646	5,264	6,567	26	2,668	54.0	52.5	6,028	38.7
1982	11,526	11,963	5,513	5,207	20	6,632	59.1	57.1	5,003	42.2
1983, prel.	7,500	7,771	5,917	7,000	10	7,937	66.1	55.0	1,688	22.0

[1] Adjusted to cotton season. [2] Data from U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service. [3] For 1965–74, support loan plus direct support payment; 1975–83, loan rate for strict low middling 1 1/16", mic. 3.5–4.9. For text on price supports, see p. 630.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Cotton and Wool Outlook Statistics,* periodic.

No. 1177. Cotton—Acreage, Production, and Value, by State: 1981 to 1983

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar-year income. See *Historical Statistics, Colonial Times to 1970,* series K 553–558 for U.S. totals]

State	Acreage harvested (1,000)			Yield per acre (lb.)			Production (1,000 bales) [1]			Farm value [2] (mil. dol.)			Farm price per lb. [2] (cents)		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
Total [3]	**13,841**	**9,734**	**7,368**	**542**	**590**	**506**	**15,646**	**11,963**	**7,771**	**4,075**	**3,410**	**2,486**	**54.3**	**59.4**	**66.6**
AL	372	285	215	544	748	409	422	460	183	113	129	58	55.9	58.5	65.7
AZ	633	512	313	1,221	1,089	1,183	1,610	1,161	772	442	349	260	57.3	61.9	103.0
AR	560	390	310	517	657	500	604	534	323	165	149	102	56.8	58.0	66.1
CA	1,530	1,370	950	1,109	1,077	996	3,535	3,073	1,971	1,079	987	699	63.6	66.9	73.9
GA	175	158	115	436	714	467	159	235	112	41	64	36	54.3	56.6	67.1
LA	695	595	410	512	702	623	742	870	532	194	236	168	54.5	56.5	65.6
MS	1,200	990	675	626	853	640	1,565	1,760	900	439	505	282	58.4	59.8	65.3
MO	183	151	93	441	648	377	168	204	73	45	58	24	56.0	59.2	68.5
NM	113	77	58	600	546	709	141	88	86	42	27	34	62.4	64.5	81.9
NC	82	70	59	556	699	350	95	102	43	27	30	15	58.4	61.4	70.6
OK	640	450	300	330	254	232	440	238	145	87	57	40	41.1	49.5	57.8
SC	118	95	69	667	783	369	164	155	53	45	44	18	57.7	59.7	72.5
TN	305	255	215	495	638	337	315	339	151	80	94	50	53.1	57.7	66.4
TX	7,218	4,320	3,572	376	303	324	5,663	2,723	2,412	1,269	676	695	46.7	51.7	60.0

[1] Bales of 480 lb net weight. [2] Includes allowance for unredeemed loans in 1981 and 1982. For 1983, average price to April 1, 1984, with no allowance for unredeemed loans. [3] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Field Crops,* (Statistical Bulletin number 708); *Crop Production, May 1984, and Crop Values,* annual.

No. 1178. Tobacco—Production, Disappearance, and Stocks: 1966 to 1983

[**In millions of pounds.** Flue-cured and cigar wrapper, crop year, July–June; all other types, October–September. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Farm-sales-weight basis, except as noted. See *Historical Statistics, Colonial Times to 1970,* series K 562, for production]

Item	1966–1970, avg.	1971–1975, avg.	1976–1980, avg.	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production	1,854	1,874	1,878	2,182	2,137	1,914	2,025	1,527	1,786	2,064	1,994	1,426
Domestic disappearance [1]	1,340	1,308	1,182	1,290	1,229	1,202	1,193	1,175	1,111	1,074	1,035	1,003
Exports	650	650	692	654	678	693	765	740	658	717	628	621
Imports [2]	220	329	369	391	366	322	376	415	366	335	295	317
Stocks, end of year [3]	4,016	3,290	3,450	3,297	3,540	3,560	3,601	3,259	3,289	3,554	3,824	3,713

[1] U.S. tobacco only. [2] Source: U.S. Bureau of the Census. Calendar year, declared weight; includes stems, trimmings, and scrap. [3] Marketing year.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation,* quarterly.

No. 1179. Tobacco—Acreage, Production, and Value, by State: 1981 to 1983

[See *Historical Statistics, Colonial Times to 1970,* series K 561–563, for U.S. acreage, production, and price]

STATE	Acreage harvested (1,000)			Yield per acre (pounds)			Production (mil. lb.)			Price [1] (dol. per lb.)			Farm value (mil. dol.)		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
Total [2]	**977**	**913**	**789**	**2,113**	**2,185**	**1,811**	**2,064**	**1,994**	**1,428**	**1.71**	**1.76**	**1.75**	**3,520**	**3,519**	**2,496**
CT	3	3	2	1,764	1,583	1,781	6	4	3	5.80	5.13	5.47	33	22	19
FL	10	9	8	2,980	2,255	2,260	23	21	18	1.67	1.78	1.71	38	37	30
GA	55	49	44	2,200	2,155	2,190	121	106	96	1.63	1.80	1.80	197	190	174
IN	8	9	8	2,265	2,350	1,610	19	20	13	1.81	1.82	1.77	34	37	23
KY	235	244	203	2,172	2,414	1,597	510	589	325	1.79	1.80	1.75	913	1,062	568
MD	25	27	27	1,320	1,390	1,100	33	38	30	1.75	1.53	(3)	58	57	32
NC	374	326	278	2,126	2,151	1,969	796	701	547	1.67	1.78	1.78	1,329	1,249	973
OH	13	14	12	1,745	2,213	1,485	23	32	18	1.71	1.73	1.68	39	55	30
PA	13	13	12	2,050	1,991	1,832	27	26	22	.80	.79	.96	22	20	21
SC	69	59	54	2,168	2,105	2,090	150	124	113	1.65	1.77	1.81	247	219	204
TN	79	83	73	2,053	2,156	1,621	161	178	118	1.78	1.72	1.80	287	307	212
VA	73	62	54	2,165	2,033	1,828	159	125	99	1.67	1.76	1.72	266	221	171
WI	14	10	8	1,924	1,994	1,919	26	20	16	1.11	1.04	1.10	29	21	18

[1] See footnote 2, table 1166. [2] Includes States not shown separately. [3] Evaluated at 108.7 cents per pound, the average sales through April 30, 1984.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Field Crops* (Statistical Bulletin 708); *Crop Production,* annual; and *Crop Values,* annual.

No. 1180. Sugar, Beet and Cane—Supply and Disappearance: 1965 to 1983

[In thousands of short tons, raw value]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total supply	**13,025**	**14,392**	**13,132**	**14,515**	**15,827**	**14,828**	**14,621**	**14,110**	**14,380**	**12,441**	**11,983**
United States production	5,370	5,874	6,300	6,798	6,089	5,602	5,793	5,736	6,225	5,936	5,680
Beet	3,044	3,511	3,473	4,003	3,423	3,067	3,066	3,052	3,192	3,160	2,588
Mainland cane [1]	1,108	1,201	1,720	1,745	1,632	1,506	1,667	1,661	1,995	1,793	2,049
Hawaii	1,218	1,162	1,107	1,050	1,034	1,029	1,060	1,023	1,048	983	1,044
Imports	4,027	5,296	3,882	4,658	6,138	4,683	5,027	4,495	5,025	2,964	3,168
Puerto Rico	[2] 834	353	96	203	102	52	47	176	48	80	67
Beginning stocks	2,794	2,869	2,854	2,856	3,498	4,491	3,754	3,701	3,082	3,461	3,068
Total disappearance	**10,220**	**10,926**	**10,276**	**11,017**	**11,336**	**11,074**	**10,921**	**11,028**	**10,919**	**9,373**	**9,413**
U.S. consumption	10,080	10,532	10,302	10,893	11,099	10,869	10,756	10,189	9,769	9,160	8,900
Exports	89	66	216	76	35	48	73	689	1,191	137	300
Other [3]	51	328	−242	48	202	137	92	150	−41	76	213

[1] Florida, Louisiana, and, beginning 1975, Texas. [2] Includes minor quantities from Virgin Islands. [3] Includes net change in invisible stocks, balancing items, and minor quantities of sugar for livestock feed and alcohol.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Sugar and Sweetener Outlook and Situation,* quarterly.

No. 1181. Sugarcane, Beet and Cane Sugar, and Molasses—Acreage, Production, and Value: 1965 to 1983

[Data are for crop year. See also *Historical Statistics, Colonial Times to 1970,* series K 542–546]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, prel.
Sugarcane for sugar and seed:											
Acreage harvested	1,000 acres	617	584	774	759	744	733	733	755	742	769
Yield per acre	Tons	38.4	41.1	36.6	35.3	35.0	36.2	36.8	36.3	40.1	36.7
Production	Mil. tons	23.7	24.0	28.3	26.8	26.0	26.5	27.0	27.4	29.8	28.2
Price per ton [1]	Dollars	[2] 7.90	[2] 10.50	21.50	17.70	19.50	26.00	38.50	24.90	26.50	(NA)
Farm value	Mil. dol	[2] 110	[2] 140	608	474	507	691	1,036	682	790	(NA)
Sugar produced:											
Beet, raw value [3]	1,000 tons	2,816	3,322	4,019	3,108	3,289	2,879	3,149	3,386	2,737	2,670
Cane, raw value [3]	1,000 tons	2,322	2,416	2,934	2,684	2,612	2,700	2,728	2,833	3,063	2,930
Per ton of cane [3]	Lb	204	210	214	209	211	213	213	217	215	215
Cane, refined basis [4]	1,000 tons	2,170	2,258	2,743	2,508	2,441	2,524	2,550	2,647	2,863	2,739
Molasses made	Mil. gal	146	141	183	165	162	165	163	183	177	176

NA Not available. [1] Season average price for sugar received by farmers. Prices exclude Government payments under Sugar Act. [2] Excludes Hawaii. [3] Raw value equals 96° sugar as defined in Sugar Act of 1948. [4] Calculated on the basis of 100 lbs. of raw sugar required to produce 93.46 lbs. of refined sugar.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Field Crops* (Statistical Bulletin 708); *Crop Production, annual;* and *Crop Values,* annual.

No. 1182. Commercial Vegetable and Other Specified Crops—Area, Production, and Value, 1981 to 1983, and Leading States, 1983

[Relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing States. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income]

Crop	Area [1] (1,000 acres)			Production [2] (1,000 short tons)			Value [3] (mil. dol.)			States ranked by production, 1983
	1981	1982	1983	1981	1982	1983	1981	1982	1983	
Beans, snap [4]	218.3	204.4	197.1	672.2	649.9	587.4	111.4	106.6	94.3	WI, OR, NY.
Broccoli	78.5	92.0	88.7	376.1	441.0	388.5	175.1	211.1	197.2	CA, TX, OR.
Carrots	73.9	79.4	79.9	1,023.3	1,171.0	1,113.4	182.2	198.4	206.8	CA, TX, MI.
Cauliflower	46.0	51.1	53.2	260.5	267.7	285.7	125.3	130.8	146.2	CA, OR, AZ.
Celery	36.7	36.4	33.4	931.4	957.0	879.4	200.6	194.3	234.8	CA, FL, MI.
Corn, sweet	577.9	623.2	579.5	3,068.2	3,425.3	2,914.7	309.9	335.7	307.7	CA, WI, MN.
Honeydew melons	19.6	24.9	22.7	171.0	189.0	196.6	52.6	53.1	51.7	CA, TX, AZ.
Lettuce	223.6	215.1	225.4	3,131.1	3,318.9	3,190.7	681.5	755.5	797.0	CA, AZ, FL.
Mint for oil	98.7	80.7	84.7	3.2	2.4	2.5	59.9	49.1	54.7	OR, WA, IN.
Onions	111.6	125.2	119.4	1,751.1	2,081.9	1,862.3	475.4	306.4	343.2	CA, TX, OR.
Peas, green	293.1	303.8	301.6	455.1	496.3	416.1	99.1	112.5	90.3	WI, WA, MN.
Strawberries	36.6	39.5	42.0	369.9	439.0	445.9	310.3	421.9	406.4	CA, OR, WA.
Tomatoes	381.9	416.7	417.2	7,024.9	8,648.0	8,341.5	946.2	1,131.6	1,126.9	CA, FL, OH.

[1] Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing. [2] Excludes some quantities not marketed. [3] Fresh market vegetables valued at f.o.b. shipping point. Processing vegetables are equivalent returns at packinghouse door. [4] Processing only.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Vegetables*, annual summary. Also in *Agricultural Statistics*, annual.

No. 1183. Potatoes—Acreage, Production, and Value, by State: 1981 to 1983

[Excludes Alaska and Hawaii. 1983 preliminary. Price is season average received by farmers; State prices weighted by sales. See *Historical Statistics, Colonial Times to 1970*, series K 532-534, for U.S. acreage, production, price]

State	Acreage harvested (1,000 acres)			Yield per acre (cwt)			Production (mil. cwt)			Price (dol. per cwt)			Farm value (mil. dol.)		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
Total	**1,232**	**1,267**	**1,243**	**276**	**280**	**269**	**341**	**355**	**334**	**5.42**	**4.45**	**5.82**	**1,831**	**1,583**	**1,936**
CA	56	56	56	374	376	355	21	21	20	10.40	8.90	9.20	217	187	183
CO	47	52	53	289	282	297	14	15	16	4.70	3.65	6.25	63	53	99
FL	30	32	31	220	219	193	7	7	6	11.10	8.90	9.25	73	62	56
ID	318	322	312	266	285	276	84	92	86	4.75	3.50	5.20	401	321	447
ME	104	106	94	255	255	240	27	27	23	4.50	3.35	6.25	119	91	141
MI	45	49	53	235	260	228	11	13	12	6.30	4.65	6.60	67	60	80
MN	76	71	68	196	190	172	15	13	12	4.90	3.95	5.55	73	53	64
NV	12	13	12	290	315	310	3	4	4	4.90	2.60	5.70	17	11	21
NY	44	44	41	281	284	238	12	12	10	6.15	4.90	7.85	75	57	76
ND	115	115	128	175	150	160	20	17	20	4.05	4.35	4.90	82	75	100
OR	54	53	49	402	402	427	22	21	21	4.50	3.90	4.65	97	82	96
PA	21	21	22	250	235	200	5	5	4	7.05	5.50	8.10	37	27	35
WA	108	110	104	490	480	520	53	53	54	3.95	3.75	4.25	209	198	230
WI	54	65	62	340	350	305	18	23	19	4.70	4.10	5.55	85	93	105
Other	148	158	159	196	203	176	29	32	28	(x)	(x)	(x)	216	193	201

X Not applicable.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Potatoes and Sweetpotatoes*, Statistical Bulletin No. 709.

No. 1184. Fruits—Utilized Production and Value, 1981 to 1983, and Leading Producing States, 1983

Fruit	Utilized production [1]				Farm value (mil. dol.)			Leading States in order of production, 1983
	Unit	1981	1982	1983, prel.	1981	1982	1983, prel.	
Apples (34 States) [2]	Mil. lb	7,706	8,101	8,178	853	808	856	WA, NY, MI.
Peaches	Mil. lb	2,652	2,110	1,752	353	304	259	CA, GA, SC.
Pears	1,000 tons	894	803	774	167	147	157	WA, CA, OR.
Grapes	1,000 tons	4,457	5,864	5,280	1,323	1,361	1,349	CA, WA, NY.
Cherries, sweet	1,000 tons	146	134	167	100	93	103	WA, OR, MI.
Cherries, tart	Mil. lb	133	245	154	59	35	72	MI, NY, UT.
Plums and prunes (fresh)	1,000 tons	774	582	663	176	174	175	CA, OR, WA.
Oranges and tangerines (4 States)	Mil. boxes [3]	250.1	181.7	230.3	1,331	1,209	1,442	FL, CA, TX.
Grapefruit (4 States)	Mil. boxes [4]	67.9	70.4	60.6	322	229	190	FL, TX, CA.
Lemons (2 States) [5]	Mil. boxes [6]	31.3	24.8	25.0	151	106	110	CA, AZ.

[1] Excludes quantities not harvested or not marketed. [2] Production in commercial orchards with 100 or more bearing age trees. [3] Net content of box varies. In CA and AZ approximate average for oranges and tangerines is 75 lb.; FL oranges, 90 lb.; TX oranges, 85 lb.; and FL tangerines, 95 lb. [4] Approximate average, net weight, is 65 lb. in AZ and CA, 85 in FL, and 80 in TX. [5] Includes estimates for AZ. [6] About 76 lb. net.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production; Crop Values;* and *Noncitrus Fruits and Nuts;* annual summaries.

NO. 1185. CANNED FOODS—PRODUCTION: 1960 TO 1982

[In millions of standard cases of 24 No. 303 cans, except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series P 233-234, for corn and tomatoes in cases of 24 No. 2 cans]

PRODUCT	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Fruits [1]	**97.9**	**103.9**	**99.4**	**103.7**	**91.2**	**88.2**	**93.7**	**85.3**	**96.9**	**95.1**	**79.7**	[2] **56.9**
Apples [3]	3.1	4.1	2.3	2.2	1.1	1.9	2.0	2.1	2.4	1.8	1.3	1.6
Applesauce [3]	11.8	15.9	14.1	16.6	9.6	8.9	10.7	11.6	12.7	10.6	8.8	10.9
Apricots	6.1	5.1	3.8	2.0	4.4	2.4	2.3	2.1	2.9	3.0	1.2	1.6
Berries	.8	.7	.4	.4	.4	.3	.1	.3	.2	.2	.4	.4
Cherries, red, pitted	1.6	2.4	1.0	1.2	1.3	.4	.6	.6	.5	.5	.2	.5
Cherries, sweet	.6	.7	.7	.6	.4	.5	.5	.5	.7	.4	.3	.5
Cranberry sauce [3]	2.2	3.4	3.9	4.3	3.4	3.5	3.4	3.7	3.6	3.6	3.5	3.6
Fruit cocktail [4]	12.8	14.5	13.1	14.9	13.7	13.6	13.0	11.7	13.8	14.8	11.4	8.7
Fruit salad/mixed fruits [4]	1.2	1.2	1.2	1.8	1.3	1.2	2.2	2.2	3.1	3.2	2.5	2.4
Grapefruit sections [3 5]	3.0	2.8	2.3	1.5	1.1	1.2	1.2	1.3	1.4	1.2	.9	(NA)
Peaches	30.8	30.0	29.6	32.4	29.0	24.8	29.2	21.4	25.8	26.8	21.8	18.6
Pears	8.5	6.4	8.6	10.7	9.8	11.5	9.6	9.0	10.6	10.9	9.7	8.8
Pineapple [3 6]	15.0	15.0	17.8	13.9	14.2	17.3	18.4	18.3	18.5	17.1	16.6	(NA)
Plums [7]	.4	1.7	.8	1.2	1.4	1.0	.8	.9	.7	1.1	.9	.4
Juices: [3 8]												
Apple	6.2	9.6	14.1	15.4	15.3	15.4	18.2	24.1	25.8	27.3	26.3	26.7
Grapefruit	11.0	13.8	26.0	21.6	25.8	27.7	26.4	25.1	23.6	19.0	22.1	(NA)
Orange	11.5	12.1	15.4	13.3	13.5	14.4	15.8	18.2	17.8	17.2	14.2	(NA)
Orange-grapefruit	3.2	2.9	2.5	1.7	2.8	1.6	1.9	1.4	1.5	1.1	.8	(NA)
Pineapple [6]	14.4	15.4	13.7	8.6	8.7	10.2	12.0	11.3	13.6	13.6	(NA)	(NA)
Tomato [9]	33.0	32.8	30.1	29.6	29.0	26.5	22.9	27.9	26.0	22.7	14.4	19.7
Seasonal vegetables	**175.3**	**204.1**	**208.7**	**242.3**	**249.8**	**217.5**	**237.1**	**233.3**	**265.6**	**230.5**	**227.8**	**225.7**
Asparagus	8.0	7.2	5.9	5.6	3.6	3.6	3.7	3.4	2.8	2.5	2.8	2.7
Beans, green and wax	33.2	45.6	47.6	62.3	55.4	47.4	54.5	57.1	66.3	58.2	52.8	48.9
Beans, lima	3.8	3.0	2.8	2.5	3.7	2.8	2.7	3.4	3.1	2.8	2.6	2.3
Beets [3]	6.8	10.0	11.3	15.1	13.1	9.2	11.3	13.0	15.1	10.9	9.7	10.9
Carrots [3]	5.0	4.5	5.4	6.9	4.7	5.2	6.6	6.3	7.3	4.4	5.3	5.9
Corn, sweet	35.3	39.1	47.0	46.4	57.5	54.7	56.3	57.9	60.0	50.6	57.9	60.5
Greens, leafy	2.9	2.7	3.5	4.6	3.0	3.1	2.6	2.9	3.2	2.6	2.1	1.6
Peas, field	2.1	1.8	2.4	2.8	2.0	1.9	2.2	2.4	2.5	2.0	2.9	2.0
Peas, green	28.7	37.6	28.7	33.1	35.2	31.9	30.2	25.3	36.5	30.1	27.3	24.8
Pimentos	.9	.8	.6	.4	.6	.7	.4	.4	.5	.5	.6	.8
Pumpkin and squash	5.0	3.9	4.0	4.2	5.8	5.5	3.0	3.4	4.0	3.7	4.0	4.4
Spinach [3]	7.8	6.4	7.3	10.8	8.3	6.3	7.1	6.2	8.1	6.3	5.5	(NA)
Tomatoes	31.0	36.0	39.0	43.8	53.5	42.8	54.1	49.2	52.9	53.1	51.9	63.1
Other vegetable packs [10]	2.8	5.5	3.2	3.8	3.4	2.4	2.4	2.4	3.3	2.8	2.4	.4
Nonseasonal vegetables:												
Sweet potatoes [3]	6.9	11.1	9.8	12.8	7.7	8.0	7.2	9.4	9.2	5.9	8.0	7.0
White potatoes [3]	4.2	5.0	6.6	8.1	6.8	6.2	7.1	6.7	6.5	5.9	7.1	5.7
Chili sauce	**1.4**	**1.5**	**1.5**	**1.6**	**1.7**	**2.0**	**1.8**	**2.8**	**2.0**	**2.0**	**1.7**	**1.8**
Tomato puree	**5.4**	**6.5**	**5.9**	**10.3**	**13.8**	**8.4**	**9.8**	**8.4**	**10.4**	**8.1**	**6.9**	**9.8**
Seafood, salmon [11]	(NA)	**3.6**	**3.8**	**1.8**	**1.6**	**2.7**	**3.1**	**3.3**	**3.3**	**4.4**	**4.6**	**2.4**

NA Not available. [1] Basis: 24 No. 2½ cans. [2] Excludes pineapple. [3] Pack beginning in year shown. [4] California only. [5] Florida only. [6] Represents U.S. pack and foreign operations. [7] Beginning 1965, purple plums only. [8] Basis: 24 No. 2 cans. [9] Beginning 1970, excludes combination vegetable-tomato juices. [10] Okra; okra and tomatoes; for 1965, mushrooms; and, for 1960–1981, succotash and carrots and peas. [11] Basis: 48–1 lb. cans. Includes Alaska.

Source: National Food Processors Association, Washington, DC, *Canned Food Pack Statistics*, annual.

NO. 1186. PRINCIPAL FROZEN FOODS—PRODUCTION: 1965 TO 1983

[Represents commercial pack]

PRODUCT	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total fruits and vegetables	Mil. lb	3,672	4,937	6,077	5,780	6,120	6,933	7,103	7,450	6,923	7,598	8,305	7,835
Vegetable, excl. potatoes	Mil. lb	1,800	1,912	2,488	2,212	2,156	2,623	2,712	2,785	2,416	2,736	3,154	2,641
Potato products	Mil. lb	1,219	2,404	2,985	3,001	3,335	3,623	3,849	4,090	3,853	4,236	4,377	4,510
Fruits and berries	Mil. lb	653	621	604	567	629	687	543	575	653	626	774	684
Concentrates, juices and purees	Mil. gal	(NA)	(NA)	(NA)	(NA)	201	174	184	197	261	215	180	210
Seafood	Mil. lb	402	388	340	300	552	566	617	605	549	484	501	518
Poultry	Mil. lb	2,231	2,160	2,222	2,070	2,359	2,238	2,318	2,606	2,765	3,029	2,783	2,805

NA Not available.

Source: American Frozen Food Institute, Burlingame, CA, *Frozen Food Pack Statistics*, annual. (Copyright.)

No. 1187. Livestock—Number on Farms and Value: 1950 to 1984

[Alaska and Hawaii excluded from census data prior to 1959 and from annual data prior to 1965. Prior to 1960, data for sheep refer to stock sheep. See also *Historical Statistics, Colonial Times to 1970*, series K 564-569]

YEAR	ALL CATTLE			HOGS AND PIGS			SHEEP AND LAMBS		
	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (mil. dol.)	Value per head (dol.)
CENSUS DATA									
1950 (Apr. 1)	76.9	9.1	119	55.8	1.1	19.70	31.4	555	17.69
1954 (Oct.-Nov.)	95.0	8.2	87	57.1	1.9	33.13	[1]31.6	472	14.93
1959 (Oct. 1)	92.5	12.5	135	67.9	1.4	20.18	33.9	556	16.38
1964 (Nov.-Dec.)	105.6	11.9	113	54.1	1.3	24.47	25.5	409	16.04
1969 (Dec. 31)	106.4	19.0	179	55.5	2.2	38.85	21.6	532	24.63
1974 (Dec. 31)	113.2	18.5	163	45.5	2.1	45.37	15.4	474	30.79
1978 (Dec. 31)	103.9	42.0	404	57.7	4.8	83.20	12.2	883	72.37
1982 (Dec. 31)	104.5	43.1	412	55.4	5.0	90.30	12.4	646	52.10
ANNUAL DATA (Jan. 1)[2]									
1950	78.0	9.6	124	58.9	1.6	27.10	26.2	466	17.80
1955	96.6	8.5	88	50.5	1.5	30.60	27.1	404	14.90
1960	96.2	13.2	137	59.0	1.1	18.50	33.2	546	16.50
1965	109.0	12.4	113	50.8	1.2	24.50	25.1	401	16.00
1970	112.4	20.2	179	56.7	2.2	39.00	20.4	513	25.10
1971	114.6	21.1	184	67.3	1.6	23.50	19.7	465	23.60
1972	117.9	24.5	208	62.4	1.8	28.50	18.7	429	22.90
1973	121.5	30.6	252	59.0	2.5	42.00	17.6	471	26.70
1974	127.8	37.5	293	60.6	3.7	60.40	16.3	535	32.80
1975	132.0	21.0	159	54.7	2.5	44.90	14.5	442	30.50
1976	128.0	24.3	190	49.3	4.0	80.40	13.3	496	37.30
1977	122.8	25.2	206	54.9	2.6	47.00	12.7	540	42.50
1978	116.4	27.0	232	56.5	3.6	63.20	12.4	641	51.60
1979	110.9	44.7	403	60.4	5.0	83.20	12.4	891	72.10
1980	111.2	55.8	502	67.4	3.8	56.00	12.7	992	78.20
1981	114.3	54.3	475	64.5	4.8	74.70	12.9	903	69.80
1982	115.6	48.0	415	58.7	4.1	70.10	13.0	740	57.00
1983	115.2	46.8	406	53.9	4.9	90.00	12.0	623	51.80
1984, prel.	114.0	45.1	396	55.8	3.3	58.90	11.4	594	52.10

[1] Excludes FL, GA, and SC. [2] Beginning 1970, data for hogs and pigs as of Dec. 1, preceding year.

Source: Census data—U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II; *1974* and *1978*, vol. I. Annual data—U.S. Dept. of Agriculture, Statistical Reporting Service, annual livestock summaries. Also in *Agricultural Statistics*, annual.

No. 1188. Meats—Slaughtering, Production, and Trade: 1960 to 1983

[***Quantities represent carcass weight equivalent.*** 1960-1970 exclude Alaska and Hawaii except for exports and imports. Covers inspected, noninspected, retail, and farm slaughter. Excludes edible byproducts. Excludes USDA exports, military civilian feeding, and voluntary relief feeding. See also *Historical Statistics, Colonial Times to 1970*, series K 583-594]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
All meats:												
Animals slaughtered, total	Mil. head	135.0	130.7	137.3	124.8	133.1	128.2	132.3	139.7	136.8	128.8	135.0
Under Federal inspection	Percent	78	82	89	91	93	93	94	94	94	95	95
Production, total[1]	Bil. lb	26.2	31.5	36.2	36.8	39.7	38.6	37.6	39.0	39.0	37.6	39.3
Federally inspected	Percent	78	82	89	90	93	93	94	94	94	95	95
Exports of U.S. production[2]	Mil. lb	223	260	305	449	586	646	673	642	714	680	682
Imports for consumption	Mil. lb	1,048	1,347	2,429	2,248	2,424	2,856	2,974	2,664	2,333	2,589	2,670
Beef:												
Animals slaughtered, total	Mil. head	26.0	33.2	35.4	41.5	42.4	40.0	34.0	34.1	35.3	36.2	37.0
Under Federal inspection	Percent	75	80	87	89	92	93	94	94	94	94	94
Production, total	Bil. lb	14.7	18.7	21.7	24.0	25.3	24.2	21.4	21.6	22.4	22.5	23.2
Federally inspected	Percent	78	82	88	90	92	93	94	94	94	95	95
Exports of U.S. production[2]	Mil. lb	55	91	101	110	167	214	215	220	252	305	312
Imports for consumption	Mil. lb	760	923	1,792	1,758	1,939	2,297	2,405	2,064	1,743	1,939	1,931
Veal:												
Animals slaughtered, total	Mil. head	8.6	7.8	4.2	5.4	5.7	4.3	2.9	2.7	2.9	3.1	3.2
Under Federal inspection	Percent	61	65	72	72	85	87	89	89	89	88	88
Production, total	Mil. lb	1,109	1,020	586	873	834	692	434	400	436	448	454
Federally inspected	Percent	56	56	57	57	68	71	73	74	74	76	78
Lamb and mutton:												
Animals slaughtered, total	Mil. head	16.2	13.3	10.8	8.1	6.6	5.5	5.2	5.7	6.2	6.6	6.8
Under Federal inspection	Percent	86	88	93	94	96	96	96	96	96	94	94
Production, total	Mil. lb	768	651	551	410	351	309	293	318	338	365	376
Federally inspected	Percent	87	88	93	94	94	94	94	94	94	95	95
Pork:												
Animals slaughtered, total	Mil. head	84.2	76.4	87.0	69.8	78.4	78.4	90.2	97.2	92.5	82.8	86.1
Under Federal inspection	Percent	79	83	90	93	96	96	96	96	96	96	96
Production, total[1]	Bil. lb	11.6	11.1	13.4	11.5	13.2	13.4	15.5	16.6	15.9	14.2	15.2
Federally inspected	Percent	79	84	90	93	94	95	95	95	95	96	96

[1] Excludes lard. [2] Includes shipments to territories.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Livestock and Meat Statistics*, annual.

No. 1189. Livestock on Farms—Liveweight Production, Value, and Annual Average Price Received by Farmers: 1970 to 1983

[Data for sheep exclude Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 575-582]

Production and price	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
All cattle: On farms	Mil.	112.4	132.0	122.8	116.4	110.9	111.2	114.3	115.6	115.2
Production [1]	Bil. lb	39.4	40.9	40.7	40.0	38.4	40.1	41.4	41.0	40.4
Beef, price per 100 lb	Dol.	27.10	32.20	34.40	48.50	66.10	62.40	58.60	56.70	55.50
Calves, price per 100 lb	Dol.	34.50	27.20	36.90	59.10	88.70	76.80	64.00	59.80	61.70
Value of production	Bil. dol.	10.9	12.8	14.0	19.6	26.0	25.4	23.8	22.8	22.1
Hogs and pigs: On farms	Mil.	67.3	49.3	56.5	60.4	67.4	64.5	58.7	53.9	55.8
Production [1]	Bil. lb	21.8	16.8	19.0	19.5	22.6	23.4	21.8	19.4	21.0
Price per 100 lb	Dol.	22.70	46.10	39.40	46.60	41.80	38.00	43.90	52.30	46.80
Value of production	Bil. dol.	5.0	7.8	7.5	9.1	9.4	8.8	9.5	10.2	9.8
Sheep: On farms	Mil.	20.4	14.5	12.7	12.4	12.4	12.7	12.9	13.0	12.0
Production [1]	Mil. lb	1,099	785	706	687	709	744	770	783	758
Sheep, price per 100 lb	Dol.	7.52	11.30	13.50	21.80	25.80	21.10	21.20	19.50	15.70
Lambs, price per 100 lb	Dol.	26.40	42.10	51.30	62.80	66.70	63.60	54.90	53.10	53.90
Value of production	Mil. dol.	260	303	320	382	410	401	359	355	352

[1] Includes adjustment for livestock shipped in and changes in inventory.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Meat Animals—Farm Production, Disposition, and Income, by States*, annual summary. Also in *Agricultural Statistics*, annual.

No. 1190. Livestock on Farms—Number, By State: 1981 to 1984

[**In thousands.** As of **Jan. 1**, except for hogs and pigs, **Dec. 1**]

State	All cattle			Milk cows [1]			Sheep and lambs			Hogs and pigs		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1981	1982	1983
U.S.	**115,604**	**115,199**	**114,040**	**11,012**	**11,076**	**11,140**	**12,966**	**12,026**	**11,411**	**58,688**	**53,935**	**55,819**
Alabama	1,950	1,910	1,870	60	55	52	(2)	(2)	(2)	540	480	440
Arizona	1,000	1,000	980	80	82	82	377	343	306	170	170	150
Arkansas	2,100	1,900	2,000	84	84	84	(2)	(2)	(2)	585	490	395
California	5,000	4,900	5,000	940	940	962	1,210	1,115	1,115	160	160	155
Colorado	3,025	3,040	3,120	75	75	77	710	750	690	330	290	260
Florida	2,350	2,425	2,330	190	190	190	(2)	(2)	(2)	257	290	190
Georgia	1,950	1,875	1,725	131	130	129	(2)	(2)	(2)	1,520	1,400	1,310
Idaho	1,850	1,950	1,890	168	175	172	498	429	383	150	105	120
Illinois	2,800	2,800	2,600	234	230	228	195	155	145	6,450	5,600	5,400
Indiana	1,750	1,700	1,640	207	204	204	138	118	113	4,100	4,400	4,200
Iowa	6,850	6,450	6,000	389	386	383	485	457	425	16,300	14,400	14,800
Kansas	6,000	5,750	6,000	124	127	120	200	242	225	1,770	1,670	1,600
Kentucky	2,600	2,700	2,630	240	243	242	25	23	28	1,040	960	1,000
Louisiana	1,450	1,350	1,300	102	102	101	10	9	10	130	135	110
Michigan	1,450	1,500	1,475	396	400	402	130	100	110	690	800	1,250
Minnesota	3,880	3,610	3,690	905	890	910	335	300	255	4,300	3,900	4,270
Mississippi	1,950	1,800	1,764	97	96	95	(2)	(2)	(2)	370	300	300
Missouri	5,400	5,500	5,200	245	252	254	133	126	128	3,400	3,500	3,550
Montana	2,900	2,990	3,150	29	29	29	616	560	509	200	154	180
Nebraska	7,250	7,200	6,900	122	121	121	225	205	195	4,100	3,600	3,900
Nevada	700	650	660	16	16	17	129	110	103	13	14	14
New Mexico	1,500	1,450	1,390	55	59	62	615	610	589	62	38	30
New York	1,959	2,025	2,050	921	935	943	70	63	61	165	100	110
North Carolina	1,160	1,100	1,120	134	131	135	8	8	7	1,980	2,150	2,300
North Dakota	2,000	2,100	2,140	92	95	99	280	222	224	280	210	260
Ohio	1,900	1,900	1,880	382	393	403	313	295	265	2,050	1,820	2,100
Oklahoma	5,800	5,350	5,500	110	110	110	105	117	115	245	200	290
Oregon	1,800	1,650	1,710	97	100	101	540	515	495	90	90	85
Pennsylvania	2,100	2,000	1,970	730	738	738	125	98	104	750	870	950
South Carolina	700	660	590	48	48	47	(2)	(2)	(2)	490	440	510
South Dakota	3,900	4,060	4,220	160	165	164	750	680	730	1,710	1,580	1,650
Tennessee	2,500	2,675	2,750	215	217	214	10	8	6	900	750	950
Texas	13,700	15,000	14,350	325	335	333	2,400	2,225	1,970	700	575	590
Utah	920	950	865	86	84	86	636	590	568	40	32	33
Virginia	1,850	1,700	2,020	172	172	170	170	155	130	640	500	550
Washington	1,580	1,570	1,650	207	213	214	83	65	62	60	51	53
Wisconsin	4,450	4,400	4,350	1,830	1,840	1,850	125	99	80	1,380	1,220	1,280
Wyoming	1,390	1,475	1,395	12	12	12	1,130	1,060	1,090	33	29	27
Other	2,190	2,134	2,166	602	602	605	191	175	175	538	462	457

[1] Represents cows and heifers that have calved, kept for milk. [2] Estimates discontinued.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, annual livestock summaries.

No. 1191. Dairying—Cows and Dairy Products: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series K 595-608]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983
Cows and heifers that have calved, kept for milk, Jan. 1 [1]	Mil. head	13.3	11.1	11.0	10.9	10.8	10.8	10.9	11.0	11.1
Milk produced on farms	Bil. lb	117	115	123	122	123	129	133	136	140
Whole milk sold from farms [2]	Bil. lb	113	112	120	119	121	126	131	133	138
Sales to plants and dealers	Bil. lb	110	110	118	117	119	125	129	132	136
Cash receipts from marketing of milk and cream [2]	Bil. lb	6.5	9.9	11.7	12.7	14.7	16.6	18.1	18.3	18.8
Sales to plants and dealers	Bil. lb	6.3	9.7	11.5	12.4	14.4	16.3	17.8	18.0	18.5
Manufactured dairy products:										
Butter (incl. whey butter)	Mil. lb	1,137	984	1,086	994	985	1,145	1,228	1,257	1,299
Cheese, total [3]	Mil. lb	2,201	2,811	3,359	3,520	3,717	3,984	4,278	4,542	4,818
American (excl. full-skim American)	Mil. lb	1,428	1,660	2,047	2,079	2,190	2,376	2,642	2,752	2,928
Swiss (including block)	Mil. lb	144	174	189	209	213	219	214	221	209
Muenster, Brick, and Limburger	Mil. lb	59	74	73	78	80	87	82	87	85
Cream and Neufchatel	Mil. lb	126	160	176	198	212	228	241	263	270
All Italian varieties	Mil. lb	394	672	793	876	929	983	994	1,088	1,200
Cottage cheese: Creamed [4]	Mil. lb	1,038	991	1,017	1,024	998	825	773	749	742
Curd, pot, and bakers'	Mil. lb	726	701	684	688	669	667	648	629	618
Condensed bulk milk	Mil. lb	1,237	1,041	1,091	987	975	952	972	975	997
Evaporated and condensed canned milk	Mil. lb	1,293	938	827	798	810	741	778	754	710
Dry whole milk	Mil. lb	89	63	69	75	85	83	93	102	111
Nonfat dry milk solids [5]	Mil. lb	1,456	1,009	1,115	927	915	1,168	1,322	1,410	1,510
Dry whey [6]	Mil. lb	621	596	628	711	733	690	779	791	892
Dry buttermilk	Mil. lb	60	43	53	48	45	44	44	39	46
Ice cream of all kinds	Mil. gal	762	837	810	815	811	830	832	852	879
Milk sherbet	Mil. gal	49	49	50	48	45	45	46	46	48
Ice milk	Mil. gal	287	299	308	310	297	293	291	281	295
Wholesale prices:										
Cheese, American:										
40-lb. blocks, Wis. assembly points	Cents per lb	55.0	86.6	96.8	107.1	123.8	133.0	139.4	138.3	138.3
Single daisies, Chicago	Cents per lb	64.9	104.4	118.7	130.1	141.4	156.2	167.2	168.4	168.2
Butter, N.Y. (Grade A)	Cents per lb	70.4	81.8	101.5	114.1	127.2	144.8	(NA)	(NA)	(NA)
Prices received by farmers, whole milk:										
Wholesale, per 100 lb	Dollars	5.71	8.75	9.72	10.60	12.00	13.00	13.80	13.60	13.60
Sold directly to consumers	Cents per qt	27.0	35.4	36.7	38.8	42.3	45.3	48.3	48.1	48.4

NA Not available. [1] For 1970, cows and heifers 2 years old and over. [2] Comprises sales to plants and dealers, and retail sales by farmers direct to consumers. [3] Includes varieties not shown separately. Beginning 1975, includes full-skim. [4] Includes partially creamed (low fat). [5] Includes dry skim milk for animal feed. [6] Includes animal but excludes modified whey production.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Production of Manufactured Dairy Products*, annual; and *Milk Production, Disposition, and Income*, annual.

No. 1192. Whole Milk Sold—Quantity and Cash Receipts, by State: 1981 to 1983

[Covers sales of milk to plants and dealers]

STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)			STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)		
	1981	1982	1983	1981	1982	1983		1981	1982	1983	1981	1982	1983
U.S	129,237	132,156	136,385	17,797	17,985	18,530	MO	2,840	2,864	3,055	381	381	406
							NE	*1,370*	*1,310*	*1,385*	*184*	*174*	*184*
AL	595	572	570	87	84	84	NH	330	348	366	48	50	53
AZ	1,120	1,190	1,225	158	165	170	NJ	467	468	477	66	65	67
AR	757	797	847	110	115	122	NY	10,755	10,790	11,370	1,484	1,478	1,558
CA	13,830	14,165	14,437	1,857	1,871	1,885	NC	1,560	1,636	1,656	234	240	245
CO	845	880	902	126	130	134	ND	960	985	1,032	121	123	129
CT	600	620	630	87	89	91	OH	4,310	4,480	4,695	595	614	639
FL	2,069	2,094	2,099	348	343	346	OK	1,105	1,120	1,130	159	161	158
GA	1,376	1,395	1,380	202	201	200	OR	1,125	1,205	1,250	156	166	173
ID	2,090	2,185	2,225	268	277	285	PA	8,365	8,755	9,015	1,188	1,226	1,262
IL	2,569	2,616	2,675	355	353	361	SC	525	540	546	82	83	85
IN	*2,249*	*2,300*	*2,330*	*310*	*313*	*317*	*SD*	*1,740*	*1,740*	*1,818*	*224*	*226*	*235*
IA	4,205	4,185	4,227	559	552	558	TN	2,210	2,230	2,160	307	303	294
KS	1,365	1,326	1,355	191	186	190	TX	3,575	3,690	3,901	529	539	566
KY	2,191	2,280	2,330	298	308	315	UT	1,060	1,110	1,116	139	143	144
LA	960	940	920	143	138	134	VT	2,250	2,335	2,365	322	329	336
ME	680	710	720	101	104	106	VA	1,993	2,035	2,050	281	283	285
MD	1,544	1,568	1,592	221	220	223	WA	2,870	3,070	3,320	387	408	442
MA	540	565	575	79	82	84	WV	330	337	363	46	46	49
MI	4,995	5,145	5,410	689	700	736	WI	22,460	22,680	23,230	3,005	2,998	3,073
MN	9,990	10,270	10,835	1,307	1,333	1,402	Other	1,627	1,745	1,931	242	260	280
MS	840	880	870	121	125	124							

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Milk: Production, Disposition, and Income, 1981-83.*

No. 1193. Poultry—Number on Farms, Value, Eggs Produced, and Prices: 1960 to 1983

[Beginning 1970, data for chickens, eggs, and broilers are for Dec. 1 of previous year to Nov. 30 of year stated, except as noted. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 609–623]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Chickens: [1] Number [2]	Million	369	394	433	380	387	397	401	392	385	379	365
Value per head [2]	Dollars	1.06	1.17	1.21	1.74	1.69	1.75	1.81	1.88	1.89	1.85	1.96
Value, total [2]	Mil. dol	391	462	525	660	652	696	726	739	727	701	716
Number produced	Million	260	240	264	233	245	242	251	241	242	246	232
Price per lb	Cents	12.2	8.9	9.1	9.9	12.3	12.4	13.9	11.0	11.1	10.3	12.7
Production value	Mil. dol	139	101	107	105	145	142	171	129	132	121	145
Eggs: Number produced	Mil. doz	5,134	5,463	5,684	5,386	5,384	5,596	5,767	5,807	5,819	5,809	5,676
Price per dozen	Cents	36.1	33.7	39.1	52.4	55.6	52.2	58.3	56.3	63.1	59.5	61.1
Production value	Mil. dol	1,848	1,841	2,221	2,819	2,995	2,921	3,360	3,268	3,671	3,458	3,465
Broilers: [3] Number produced	Million	1,795	2,334	2,987	2,950	3,394	3,614	3,951	3,964	4,150	4,151	4,184
Price per lb	Cents	16.9	15.0	13.6	26.3	23.6	26.3	26.0	27.7	26.5	26.9	28.6
Production value	Mil. dol	1,014	1,217	1,475	2,915	3,059	3,676	4,032	4,304	4,703	4,506	4,873
Turkeys: [4] Number [2]	1,000	5,633	6,100	3,173	3,014	3,038	3,370	3,705	3,749	3,514	3,429	3,155
Value per head [2]	Dollars	4.89	4.40	5.82	10.81	11.39	12.53	13.58	14.11	15.35	14.80	17.59
Value, total [2]	Mil. dol	28	27	18	33	35	42	50	53	54	50	56
Turkeys, number raised	Million	84	106	116	124	138	139	156	165	171	165	170
Price per lb	Cents	25.4	22.2	22.6	34.8	35.5	43.6	41.1	41.3	38.2	39.5	38.0
Gross income	Mil. dol	377	424	498	793	910	1,157	1,214	1,268	1,247	1,246	1,261

[1] Excludes commercial broilers. [2] 1960 and 1965, as of Jan. 1; beginning 1970, as of Dec. 1. [3] Young chickens of the heavy breeds and other meat-type birds, to be marketed at 2–5 lbs. live weight and from which no pullets are kept for egg production. Not included in production of chickens. [4] Beginning 1970, data are for breeder hens only and cover the 26 major producing States. Beginning 1981, number of States covered reduced to 24.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Hatchery Production—Annual; Layers and Egg Production—Annual; Poultry—Production, Disposition, and Income;* and *Turkeys.*

No. 1194. Poultry—Production, by State: 1981 to 1983

[**In millions.** See *Historical Statistics, Colonial Times to 1970*, series K 611, 614, 617, and 621 for U.S. totals]

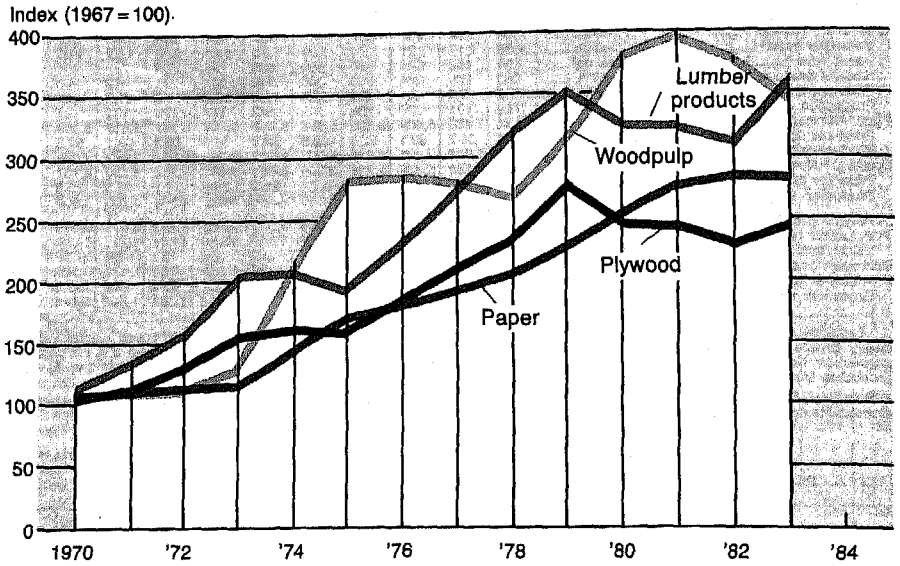
STATE	CHICKENS PRODUCED			BROILERS PRODUCED			CHICKS HATCHED COMMERCIALLY [1]			TURKEYS RAISED		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1981	1982	1983
U.S.	**242.1**	**246.1**	**231.6**	**4,149.8**	**4,151.3**	**4,183.7**	**4,870.8**	**4,890.0**	**4,854.9**	**170.8**	**164.5**	**169.8**
Alabama	13.2	12.5	13.9	519.3	500.2	515.7	620.4	628.5	643.8	–	–	–
Arkansas	19.1	21.5	23.7	675.1	668.5	673.1	775.5	760.9	791.9	15.1	13.0	12.9
California	19.5	21.7	18.0	158.8	167.4	171.6	214.7	222.9	217.0	21.8	20.0	20.2
Connecticut	2.9	3.3	3.6	–	–	–	(D)	(D)	(D)	–	–	–
Delaware	.9	1.0	1.0	169.6	177.8	181.9	126.7	139.3	140.4	.2	.2	.3
Florida	11.2	8.6	6.3	92.4	97.2	97.4	155.4	150.6	147.2	–	–	–
Georgia	20.0	19.9	15.4	614.7	610.7	626.6	683.7	677.2	667.9	2.7	2.7	2.3
Illinois	3.8	3.7	2.8	–	–	–	10.4	10.7	7.6	.4	.3	.2
Indiana	14.9	16.6	17.2	(D)	(D)	(D)	40.4	42.3	41.8	6.6	6.8	6.7
Iowa	7.4	7.4	8.3	3.1	3.3	2.6	24.5	22.3	19.2	7.1	6.7	6.7
Kentucky	1.9	1.7	1.4	3.1	2.9	3.1	(D)	(D)	(D)	–	–	–
Louisiana	2.2	2.2	2.0	104.3	(D)	(D)	(D)	(D)	(D)	–	–	–
Maine	5.2	4.7	4.1	(D)	(D)	(D)	(D)	(D)	(D)	–	–	–
Maryland	3.0	4.4	4.1	253.3	267.2	260.5	321.3	342.1	325.1	.1	.1	.1
Massachusetts	1.5	.8	.8	–	–	–	(D)	(D)	(D)	.1	.1	.2
Michigan	5.0	4.4	4.4	1.1	1.2	1.1	9.3	5.2	(D)	1.6	1.4	1.8
Minnesota	7.3	8.9	8.8	21.5	23.7	24.4	39.3	43.3	13.8	25.7	26.0	27.0
Mississippi	5.8	5.4	6.6	290.1	298.6	316.3	291.1	304.7	314.8	–	–	–
Missouri	6.1	5.6	5.4	26.1	(D)	(D)	16.9	15.7	12.3	12.0	12.0	13.0
New York	7.1	6.7	6.6	.5	.6	.6	7.5	5.8	(D)	.3	.3	.3
North Carolina	11.8	11.5	11.3	423.2	418.6	419.7	450.0	448.2	464.3	26.8	27.0	28.7
Ohio	8.5	10.3	10.2	12.8	13.5	11.0	(D)	(D)	(D)	2.5	2.7	2.4
Oklahoma	2.4	2.2	2.4	50.9	51.2	55.2	1.3	1.1	1.1	1.6	2.1	1.6
Oregon	1.8	2.0	1.7	18.2	16.0	13.0	8.7	(D)	(D)	1.4	1.1	.8
Pennsylvania	16.6	16.8	14.9	115.1	114.9	102.6	162.8	172.5	153.2	5.7	5.3	6.8
South Carolina	4.9	5.1	3.8	43.6	48.0	52.2	51.1	54.2	56.2	2.9	2.6	2.2
Tennessee	2.0	2.7	2.5	64.5	(D)	(D)	28.2	(D)	(D)	–	–	–
Texas	10.0	11.2	9.7	231.7	222.5	212.6	292.9	275.1	251.0	7.3	5.2	5.4
Virginia	3.2	3.2	2.7	133.8	140.1	144.0	171.1	172.4	171.8	10.0	10.1	11.4
Washington	4.8	4.5	3.8	21.9	21.8	20.5	(D)	(D)	(D)	–	–	–
West Virginia	.6	.7	.7	25.0	26.1	28.6	(D)	(D)	(D)	2.1	2.1	1.8
Wisconsin	3.3	2.4	2.4	12.5	11.7	11.3	(D)	(D)	(D)	6.0	6.7	7.1
Other	14.3	12.7	11.4	63.6	247.6	238.0	368.0	375.0	414.5	10.8	10.0	10.1

– Represents zero. D Withheld to avoid disclosure. [1] By commercial hatcheries.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Hatchery Production—Annual; Layers and Egg Production—Annual; Poultry—Production, Disposition, and Income;* and *Turkeys.*

Figure 25.1

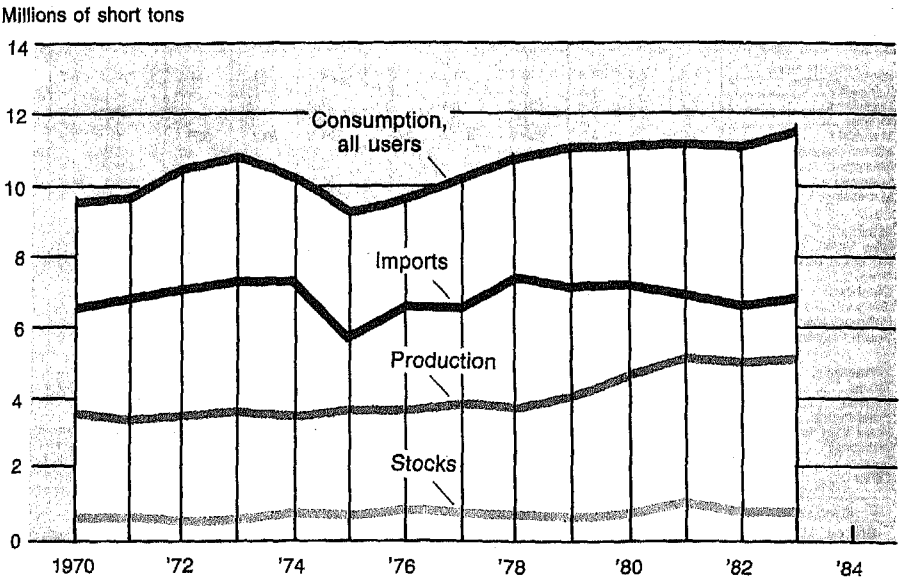
Selected Timber Products—Producer Price Indexes: 1970 to 1983



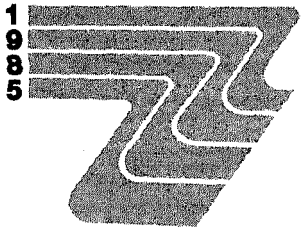
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1204.

Figure 25.2

Newsprint—Production, Stocks, Consumption, and Imports: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1210.



Section 25

Forests and Forest Products

This section presents data on the area, ownership, and timber resource of commercial timberland; forestry statistics covering the National Forests and Forest Service cooperative programs; product data for lumber, pulpwood, woodpulp, paper and paperboard, turpentine and rosin, and similar data.

The principal sources of these data are: *An Analysis of the Timber Situation in the United States, 1952–2030, Appendix 3; U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–83; Land Areas of the National Forest System;* and *Wildfire Statistics,* issued annually by the Forest Service of the Department of Agriculture; *Agricultural Statistics* issued by the Department of Agriculture; and reports of the census of manufactures (taken every five years) and the annual *Current Industrial Reports,* issued by the Bureau of the Census. Additional information is published in the monthly *Survey of Current Business* of the Bureau of Economic Analysis; and the annual *Wood Pulp and Fiber Statistics* and *The Statistics of Paper, Paperboard, and Wood Pulp* of the American Paper Institute, New York, NY.

The Bureau of the Census also collects data on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of producer prices for lumber.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand volumes are much more reliable for areas which have been recently surveyed than for those for which only estimates are available. Estimates of fire damage or causes of fires for Federal lands are considered much better than those for private lands. In general, more data are available for lumber and other manufactured products such as veneer and plywood, etc., than for the primary forest products such as poles and piling and fuelwood.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1195. National Forest Lands and Purchases: 1950 to 1983

[Area as of **June 30** except, beginning **1980**, as of **Sept. 30**; purchases for years ending **June 30**, except as noted. Includes Puerto Rico. Prior to Oct. 1976, lands to be purchased under the Weeks Law and related acts were approved by the National Forest Reservation Commission which also set prices on such lands. With the passage of the National Forest Management Act, all functions of the Commission were transferred to the Secretary of Agriculture. Actual purchases are made by U.S. Department of Agriculture. See also *Historical Statistics, Colonial Times to 1970,* series L 10–14]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1980	1981	1982	1983
Gross area [1]	Mil. acres	228	236	227	226	226	226	226	230	230	230
National Forest System	Mil. acres	181	188	186	187	187	188	187	191	191	191
Approved for purchase	1,000 acres	61	19	8	29	92	12	42	111	2	7
Average price per acre	Dollars	9	10	15	47	125	275	664	454	675	332
Total price	Mil. dol	.5	.2	.1	1.3	11.5	3.3	27.9	50.4	1.5	2.4
Purchases completed	1,000 acres	97	12	8	33	113	34	27	83	13	31
Average price per acre	Dollars	7	12	31	39	96	267	617	530	409	330
Total price	Mil. dol	.7	.1	.2	1.3	10.9	9.1	17.1	44.0	5.2	10.0
Gross area of purchase units	Mil. acres	53	62	56	56	56	56	56	56	58	58
Purchase completed, net area [2]	Mil. acres	19	19	19	19	20	20	20	20	20	20
Average price per acre	Dollars	4	4	4	4	6	9	12	14	14	15
Total price	Mil. dol	71	73	75	79	125	179	250	278	284	294

[1] Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas). [2] Cumulative total. Under the March 1, 1911 Act of Congress (Weeks Law), as amended, and related acts.

Source: U.S. National Forest Reservation Commission, *Final Report to October 1976;* and U.S. Forest Service, *Land Areas of the National Forest System,* annual; and unpublished data.

NO. 1196. NATIONAL FOREST SYSTEM—SUMMARY: 1960 TO 1983

[Through **1975**, for years ending **June 30**, except as noted; thereafter, ending **Sept. 30**. Includes Alaska and Puerto Rico, except as noted. See *Historical Statistics, Colonial Times to 1970*, series J 33-34, for similar but not comparable grazing data, and L 15-31]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Timber cut, total value	Mil. dol.	157.1	161.9	308.6	368.4	858.5	973.0	736.6	728.9	348.7	655.9
Commercial and cost sales: [1]											
Volume	Mil. bd. ft.	9,367	11,244	11,527	9,174	10,080	10,377	9,178	8,036	6,747	9,244
Value	Mil. dol.	156.4	161.1	307.6	366.0	854.7	968.0	729.8	720.9	339.2	649.7
Free use:											
Volume	Mil. bd. ft.	123	191	179	618	1,221	1,637	2,070	2,107	2,343	1,071
Value [2]	Mil. dol.	.2	.3	.3	1.1	2.6	3.8	5.7	6.4	7.5	4.5
Misc. forest products	Mil. dol.	.5	.5	.7	1.4	1.2	1.1	1.1	1.6	2.0	1.7
Livestock grazing: [3]											
Cattle and horses [4]	1,000	1,307	1,376	1,607	1,626	1,557	1,540	1,521	1,535	1,562	1,609
Sheep and goats	1,000	2,574	2,112	2,105	1,549	1,284	1,249	1,328	1,341	1,340	1,242
Roads and trails:											
Road construction [5]	Miles	851	1,613	942	136	793	820	925	1,217	1,867	2,016
Trail construction [5]	Miles	142	671	278	298	[6] 2,119	[6] 1,390	[6] 2,419	[6] 727	(NA)	(NA)
Expenditures	Mil. dol.	43.2	105.5	155.1	157.7	279.6	292.0	266.5	(NA)	(NA)	(NA)
Receipts, total	Mil. dol.	148.2	149.2	299.7	373.1	765.4	881.0	702.9	680.7	350.2	495.3
Timber use	Mil. dol.	140.1	138.8	283.9	341.3	723.3	827.6	625.4	581.4	251.0	398.5
Grazing use	Mil. dol.	4.5	3.5	4.4	7.7	11.0	12.5	15.8	14.9	12.4	10.2
Special land use, etc.	Mil. dol.	3.6	6.9	11.4	24.1	31.0	40.9	61.6	84.4	86.8	86.6
Payments to local gov't. [7]	Mil. dol.	36.1	36.2	72.8	91.0	240.7	279.8	240.1	243.0	144.3	203.5
25-percent fund [8]	Mil. dol.	35.4	35.5	71.9	89.8	238.9	277.0	233.6	230.5	132.6	192.7
Other [9]	Mil. dol.	.7	.7	.9	1.2	1.9	2.8	6.5	12.5	11.7	10.8
Allotments to Forest Service, total [10]	Mil. dol.	14.9	15.0	29.5	39.5	83.0	93.9	73.1	68.2	35.2	49.0
Roads and trails	Mil. dol.	14.2	14.2	28.8	35.9	73.5	84.2	65.5	60.9	29.4	44.5
Other	Mil. dol.	.7	.8	.8	3.6	9.5	9.7	7.6	7.3	5.8	4.5

NA Not available. [1] Includes land exchanges. [2] Includes some free use timber not *reducible to board feet.* [3] For 1960–1970, data for livestock permitted to graze; 1975 for authorized use; 1978–1983 for number actually grazed. Calendar-year data. Excludes Puerto Rico. [4] Excludes animals under 6 months of age. 1960–1970 includes swine. Includes burros beginning in 1978. [5] Includes reconstruction. Through 1965, excludes national grasslands. [6] Figures include work done by the Human Resources Programs. [7] Payments made in following year. [8] Includes Tongass Alaska suspense account. [9] Includes Arizona and New Mexico School Fund, State of Minnesota, and receipts paid to counties under Bankhead-Jones Farm Tenant Act. [10] For use in following year.

Source: U.S. Forest Service. In *Agricultural Statistics,* annual, and unpublished data.

NO. 1197. FOREST LAND—TOTAL AND COMMERCIAL AREA, VOLUME OF SAWTIMBER, AND GROWING STOCK: 1952 TO 1977

[As of **Jan. 1**. For composition of regions, see table 1198]

YEAR AND REGION	Total forest land (mil. acres)	COMMERCIAL TIMBERLAND, OWNERSHIP [1]					NET VOLUME OF SAWTIMBER [3]			Growing stock, net (bil. cu. ft.)
		All ownerships (mil. acres)	Federally owned or managed [2] (mil. acres)	State, county, and municipal (mil. acres)	Private		Total (bil. bd. ft.)	Softwood (bil. bd. ft.)	Hardwood (bil. bd. ft.)	
					Total (mil. acres)	Percent of total				
United States, 1952	664	489	117	27	356	71.3	2,512	2,066	446	603
North	209	169	13	18	137	81.1	249	59	190	111
South	197	192	14	3	175	91.1	409	197	213	136
West	258	138	89	6	43	31.2	1,854	1,811	44	356
United States, 1962	759	509	117	27	366	71.9	2,516	2,033	484	648
North	178	171	12	18	140	81.9	282	70	212	137
South	220	200	14	3	183	91.5	465	246	219	156
West	360	139	90	6	42	30.2	1,769	1,717	*52*	*354*
United States, 1970	754	496	112	30	355	71.6	2,538	2,002	537	680
North	186	169	12	18	138	81.7	320	83	237	156
South	212	193	14	3	175	90.7	535	296	239	177
West	355	135	85	8	42	31.1	1,684	1,623	61	348
United States, 1977	737	482	105	30	347	72.0	2,579	1,985	594	711
North	178	166	12	19	136	81.9	359	97	263	173
South	207	188	14	3	170	90.4	*615*	*341*	*274*	*202*
West	352	128	79	8	41	32.0	1,605	1,548	57	336

[1] See footnote 1, table 1198. [2] Includes Indian land. [3] See footnote 3, table 1198.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952-2030,* Appendix 3.

NO. 1198. FOREST LAND AREA, COMMERCIAL AREA OWNERSHIP, AND VOLUME OF SAWTIMBER AND GROWING STOCK, BY STATE: 1977 (JAN. 1)

STATE	Total forest land (1,000 acres)	COMMERCIAL TIMBERLAND, OWNERSHIP [1] (1,000 acres)				SAWTIMBER NET VOLUME [3]		GROWING STOCK, NET VOLUME [4]	
		Total	Federally owned or managed [2]	State, county, municipal	Private	Total (mil. bd. ft.)	Softwood (mil bd. ft.)	Total (mil. cu. ft.)	Softwood (mil. cu. ft.)
U.S	**736,558**	**482,486**	**105,472**	**30,249**	**346,764**	**2,578,940**	**1,985,408**	**710,968**	**455,779**
North	**177,662**	**166,141**	**11,964**	**18,549**	**135,628**	**359,021**	**96,504**	**173,145**	**44,574**
New Eng	**32,461**	**30,985**	**770**	**1,317**	**28,898**	**75,507**	**43,800**	**41,848**	**23,383**
CT	1,861	1,806	2	144	1,659	5,870	1,305	2,662	425
ME	17,718	16,864	73	468	16,323	36,118	25,232	22,604	16,060
MA	2,952	2,798	10	356	2,432	7,868	4,168	3,893	1,439
NH	5,014	4,692	472	108	4,112	14,564	8,607	7,286	3,526
RI	404	395	–	32	363	697	289	412	108
VT	4,512	4,430	213	209	4,008	10,391	4,199	4,990	1,826
Mid. Atl	**50,686**	**46,415**	**1,505**	**4,554**	**40,355**	**101,959**	**17,094**	**56,461**	**7,606**
DE	392	384	1	13	370	1,393	408	625	169
MD	2,653	2,523	25	218	2,280	8,167	1,726	3,492	793
NJ	1,928	1,857	28	291	1,538	3,127	575	1,534	251
NY	17,218	14,243	58	835	13,351	26,086	7,771	13,256	3,523
PA	16,826	15,924	503	2,968	12,453	34,251	3,714	23,403	1,778
WV	11,669	11,484	892	229	10,363	28,934	2,901	14,153	1,092
Lake	**51,644**	**47,579**	**6,750**	**11,886**	**28,944**	**97,766**	**30,984**	**44,517**	**11,901**
MI	19,270	18,778	2,472	3,947	12,359	42,441	13,205	19,214	5,061
MN	16,709	13,695	2,336	4,992	6,367	24,607	8,531	11,454	3,477
ND	422	405	114	10	281	474	–	257	(z)
SD (east)	335	223	74	3	146	448	66	134	23
WI	14,908	14,478	1,753	2,934	9,792	29,797	9,183	13,457	3,340
Central	**42,872**	**41,163**	**2,940**	**792**	**37,431**	**83,788**	**4,625**	**30,319**	**1,684**
IL	3,810	3,692	269	11	3,413	7,094	30	2,180	24
IN	3,943	3,815	239	171	3,405	10,967	255	3,758	87
IA	1,561	1,460	57	56	1,348	3,419	14	1,038	6
KS	1,344	1,187	27	10	1,151	2,020	1	584	1
KY	12,161	11,902	819	77	11,007	28,941	2,091	11,968	916
MO	12,876	12,289	1,313	219	10,757	15,270	1,292	6,022	392
NE	1,029	789	67	12	710	1,737	510	442	119
OH	6,147	6,029	150	237	5,642	14,341	433	4,328	139
South	**206,875**	**188,046**	**14,485**	**3,245**	**170,315**	**614,709**	**341,023**	**202,009**	**97,136**
So. Atl	**48,710**	**47,677**	**3,897**	**883**	**42,897**	**171,401**	**74,317**	**59,988**	**23,333**
NC	20,043	19,562	1,365	398	17,799	76,794	35,375	26,131	10,742
SC	12,249	12,176	862	233	11,081	40,837	22,609	14,201	7,079
VA	16,417	15,939	1,670	252	14,017	53,771	16,134	19,657	5,512
E. Gulf	**42,296**	**40,142**	**3,040**	**620**	**36,482**	**112,478**	**74,078**	**40,134**	**24,405**
FL	17,040	15,330	1,623	492	13,215	31,950	21,129	11,733	7,525
GA	25,256	24,812	1,417	128	23,268	80,529	52,949	28,402	16,880
Ctr. Gulf	**51,237**	**50,657**	**2,935**	**1,016**	**46,707**	**162,351**	**87,903**	**51,977**	**23,555**
AL	21,361	21,333	800	209	20,324	69,396	46,509	22,240	12,339
MI	16,718	16,504	1,216	461	14,828	60,642	35,370	17,234	8,929
TN	13,161	12,820	919	346	11,555	32,313	6,024	12,504	2,287
W. Gulf	**64,632**	**49,569**	**4,614**	**726**	**44,229**	**168,478**	**104,724**	**49,910**	**25,843**
AR	18,282	18,207	2,718	256	15,233	48,969	26,462	17,145	7,060
LA	14,558	14,527	694	309	13,525	63,418	38,646	17,431	9,417
OK	8,513	4,323	463	105	3,755	6,067	3,576	2,062	1,010
TX	23,279	12,513	740	56	11,717	50,025	36,039	13,272	8,356
West	**352,021**	**128,299**	**79,023**	**8,455**	**40,821**	**1,605,211**	**1,547,882**	**335,814**	**314,069**
Pac. NW	**172,138**	**53,283**	**29,552**	**5,630**	**18,101**	**950,326**	**911,892**	**186,130**	**173,155**
AK	119,145	11,150	8,423	2,438	289	188,858	184,406	43,073	40,620
OR	29,810	24,211	14,201	926	9,084	431,172	414,166	79,554	74,735
WA	23,181	17,922	6,928	2,266	8,728	330,296	313,300	63,503	57,800
Pac. SW	**42,138**	**17,251**	**8,581**	**548**	**8,122**	**264,716**	**255,611**	**49,870**	**45,979**
CA	40,152	16,303	8,569	106	7,628	263,669	255,594	49,668	45,975
HI	1,986	948	12	442	494	1,047	17	202	4
No. Rocky Mt	**55,682**	**33,478**	**23,227**	**1,595**	**8,657**	**269,646**	**267,567**	**68,699**	**67,942**
ID	21,727	13,541	9,640	880	3,021	139,618	139,050	31,884	31,662
MT	22,559	14,359	9,260	534	4,565	97,334	96,238	27,977	27,691
SD (west)	1,367	1,244	958	70	215	5,615	5,597	1,643	1,627
WY	10,028	4,334	3,369	111	855	27,079	26,683	7,195	6,963
So. Rocky Mt	**82,065**	**24,287**	**17,663**	**682**	**5,941**	**120,524**	**112,812**	**31,116**	**26,993**
AZ	18,494	3,896	3,696	34	166	22,711	22,063	4,982	4,763
CO	22,271	11,315	7,962	234	3,118	54,941	50,684	15,036	12,624
NV	7,683	134	61	5	69	1,388	1,363	262	249
NM	18,060	5,538	3,439	171	1,927	25,919	24,346	6,395	5,796
UT	15,557	3,405	2,505	239	661	15,565	14,357	4,440	3,562

– Represents zero. Z Less than 500,000 cubic feet. [1] Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. [2] Includes Indian lands. [3] Net volume of the saw log portion of live sawtimber trees in board feet, International ¼-inch log rule. [4] Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952-2030*, Appendix 3.

No. 1199. National Forest Lands—States and Other Areas: 1983

[In thousands of acres. As of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series L 10-11]

STATE	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries	STATE OR OTHER AREA	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries
Total	**229,971**	**190,811**	**39,160**	NV	5,424	5,150	274
				NH	819	706	113
AL	1,274	644	630	NM	10,384	9,347	1,037
AK	24,018	23,043	975	NY	13	13	-
AZ	11,933	11,270	663	NC	3,165	1,216	1,949
AR	3,502	2,479	1,023	ND	1,106	1,106	(z)
CA	24,287	20,435	3,852	OH	834	178	656
CO	16,013	14,431	1,582	OK	461	294	167
CT	(z)	(z)	-	OR	17,456	15,618	1,838
FL	1,225	1,099	126	PA	743	511	232
GA	1,911	871	1,040	SC	1,382	611	771
HI	(z)	(z)	-	SD	2,348	1,997	351
ID	21,704	20,431	1,273	TN	1,212	625	587
IL	840	262	578	TX	1,994	782	1,212
IN	645	188	457	UT	9,129	8,045	1,084
KS	117	108	9	VT	629	294	335
KY	2,102	673	1,429	VA	3,226	1,632	1,594
LA	1,023	598	425	WA	10,039	9,054	985
ME	94	51	43	WV	1,861	973	888
MI	4,873	2,759	2,114	WI	2,023	1,504	519
MN	5,467	2,800	2,667	WY	9,717	9,254	463
MS	2,310	1,144	1,166				
MO	3,082	1,469	1,613	PR	56	28	28
MT	19,088	16,766	2,322	VI	(z)	(z)	-
NE	442	352	90				

- Represents zero. Z Less than 500 acres. [1] See footnote 1, table 1195.

Source: U.S. Forest Service, *Land Areas of the National Forest System*, annual.

No. 1200. Wildfires—Summary: 1960 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series L 44-55]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981
ACREAGE (1,000)									
Protected area: Federal [1 2]	362,836	655,001	647,239	677,949	681,564	680,185	680,223	680,261	685,552
Area burned [1]	622	146	719	408	802	202	1,237	751	946
State and private [3 4]	402,800	472,023	520,501	726,356	748,692	773,772	783,609	805,927	840,163
Area burned	1,909	1,206	1,541	1,119	2,096	1,553	1,317	2,348	3,235
Unprotected area: Federal	-	55	65,537	54,232	54,232	54,232	54,232	54,232	54,232
State and private	32,030	30,294	45,751	70,848	98,501	93,972	89,518	115,204	103,307
Area burned	1,947	1,300	1,019	(NA)	(NA)	2,156	433	2,162	634
REPORTED FIRES (1,000)									
Total	103.4	113.7	121.7	134.9	174.0	218.8	163.2	234.9	249.4
On protected areas [4]	89.6	100.6	116.4	103.3	158.9	144.9	118.3	[5] 155.7	[5] 189.2
Federal area [6]	[7] 12.1	9.1	15.0	12.3	16.3	14.1	13.9	14.6	15.4
State and private	91.3	104.6	106.8	122.6	157.7	204.8	149.3	220.3	234.0
Protected	77.5	91.5	101.5	91.0	142.6	130.8	104.4	141.0	173.8
Unprotected	13.8	13.1	5.3	31.6	15.1	74.0	44.9	79.2	60.2
Cause of fires: [8]									
Incendiary (arson)	21.2	26.9	30.9	28.2	45.3	46.2	32.5	45.2	57.7
Debris burning	21.9	22.9	28.3	18.2	36.1	31.5	26.5	35.5	45.4
Smoking	16.0	16.5	14.5	10.5	15.4	13.2	10.2	12.6	19.7
Lightning	11.1	8.7	12.8	9.4	15.8	10.8	9.7	11.3	12.4
Caused by children	(NA)	(NA)	7.7	10.8	13.1	11.6	11.2	11.8	12.9
Railroads	3.9	([8])	6.8	5.2	8.1	6.9	5.5	7.2	6.7
Equipment use	(NA)	(NA)	3.4	4.6	6.7	7.1	7.2	9.2	9.2
Campfires	3.6	3.4	3.8	4.0	4.6	4.3	3.8	4.2	4.4
Miscellaneous [9]	12.0	22.1	8.1	12.4	13.7	13.3	11.7	16.7	19.0
FIRE PROTECTION EXPENDITURES [3 10] (mil. dol.)									
Total funds	56.6	76.6	113.5	169.0	217.0	212.0	216.2	(NA)	(NA)
Federal	9.4	12.8	16.4	25.2	20.7	30.0	30.6	22.7	19.9
State and county	45.1	62.6	95.3	143.9	196.3	182.0	185.6	[11] 220.7	[11] 251.8
Private	2.2	1.2	1.8						

- Represents zero. NA Not available. [1] Comprises land administered by U.S. Dept. of Agriculture, U.S. Dept. of Interior, and Tennessee Valley Authority, etc. [2] Beginning 1965, includes nonforest watershed areas under U.S. Dept. of Interior protection. [3] 1960 excludes Alaska; 1975 and 1977 include Guam. [4] Includes nonforest watershed areas. [5] Includes 2,000 fires in 1980 and 1,700 in 1981 in Puerto Rico not reported by cause. [6] *For protected areas only.* [7] Excludes nonforest watershed lands under U.S. Dept. of Interior protection. [8] Included in various other classifications. [9] 1960, lumbering included in "Miscellaneous"; thereafter in various other classifications. [10] For fire protection on State, county, and private lands only; years ending June 30, through 1975; thereafter, ending Sept. 30. [11] State funds only.

Source: U.S. Forest Service, *Wildfire Statistics*, annual, and unpublished data.

NO. 1201. TIMBER-BASED INDUSTRIES—EMPLOYMENT AND AVERAGE HOURLY EARNINGS: 1970 TO 1983

[Data for production or nonsupervisory workers. See also *Historical Statistics, Colonial Times to 1970*, series L 212-223]

ITEM	EMPLOYEES (1,000)						EARNINGS (dollars)					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Lumber and wood products [1]	554	517	578	553	488	548	2.96	4.26	6.55	6.99	7.43	7.79
Logging camps and contractors	(NA)	59	71	64	57	63	(NA)	5.28	8.64	9.11	9.79	10.17
Sawmills and planing mills	196	180	190	179	155	172	2.84	4.34	6.70	7.19	7.73	8.19
Millwork, plywood, and structural members	(NA)	137	164	159	142	165	(NA)	4.26	6.41	6.89	7.33	7.84
Paper and allied products	543	480	523	518	494	495	3.44	5.01	7.84	8.60	9.32	9.94
Furniture and fixtures	362	337	376	374	341	355	2.77	3.78	5.49	5.91	6.31	6.62

NA Not available. [1] Excludes furniture.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 1202. TIMBER PRODUCTS—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION, BY TYPE OF PRODUCT: 1960 TO 1982

[**In millions of cubic feet, roundwood equivalent.** See also *Historical Statistics, Colonial Times to 1970*, series L 72-86]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Industrial roundwood:										
Domestic production [1]	8,920	10,555	11,105	10,575	11,960	12,240	12,510	11,645	10,710	9,960
Softwoods	6,930	8,130	8,635	8,380	9,430	9,515	9,695	8,830	8,080	7,635
Hardwoods	1,995	2,430	2,470	2,195	2,535	2,725	2,815	2,815	2,630	2,325
Imports	1,680	2,105	2,430	2,220	3,310	3,755	3,655	3,250	3,765	3,010
Exports	455	740	1,540	1,685	1,795	1,845	2,135	2,350	2,100	1,995
Consumption [2]	10,145	11,925	11,995	11,105	13,475	14,150	14,030	12,550	11,775	10,975
Softwoods	8,065	9,380	9,425	8,875	10,835	11,325	11,160	9,880	9,260	8,765
Hardwoods	2,080	2,545	2,565	2,230	2,640	2,830	2,865	2,665	2,515	2,210
Lumber:										
Domestic production	[3] 5,080	5,665	5,215	4,890	5,730	5,825	5,680	4,860	4,395	3,890
Imports	610	815	955	930	1,675	1,910	1,800	1,540	1,490	1,460
Exports	135	145	195	255	260	275	335	395	380	320
Consumption	5,560	6,335	5,970	5,565	7,140	7,460	7,145	6,010	5,505	5,030
Plywood and veneer:										
Domestic production	705	1,030	1,020	1,165	1,425	1,460	1,370	1,175	1,180	1,070
Imports	60	100	170	170	210	230	195	120	145	115
Exports	(z)	5	15	70	35	45	45	45	70	50
Consumption	765	1,125	1,170	1,265	1,600	1,645	1,520	1,245	1,250	1,130
Pulp products:										
Domestic production	*2,575*	*3,095*	*3,835*	*3,485*	*3,645*	*3,745*	*4,110*	*4,390*	*4,125*	*3,955*
Imports	985	1,175	1,280	1,105	1,395	1,595	1,630	1,565	1,515	1,415
Exports	275	380	720	715	725	720	805	1,070	995	900
Consumption	3,290	3,890	4,400	3,875	4,320	4,625	4,935	4,885	4,645	4,470
Logs: Imports	20	15	25	15	30	20	25	25	20	20
Exports	45	205	465	455	525	585	665	560	435	550
Pulpwood chips, exports	–	5	145	195	250	225	280	275	220	175
Other industrial prod.[4] consumption	510	560	425	385	385	400	405	385	355	325
Fuelwood consumption	**1,300**	**915**	**540**	**570**	**1,030**	**1,570**	**2,270**	**3,115**	**3,650**	**3,685**

– Represents zero. Z Less than 500,000 cubic feet. [1] Includes log exports. [2] Includes log imports. [3] Excludes Alaska and Hawaii. [4] Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

NO. 1203. TIMBER PRODUCTS—PER CAPITA CONSUMPTION: 1960 TO 1982

[Based on total population estimated as of **July 1.** See also *Historical Statistics, Colonial Times to 1970*, series L 87-97]

PRODUCT	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
All products	**Cu. ft**	**63.3**	**66.1**	**61.1**	**54.1**	**65.9**	**70.6**	**72.4**	**68.6**	**67.1**	**63.2**
Industrial roundwood	Cu. ft	56.1	61.4	58.5	51.4	61.2	63.5	62.3	55.1	51.1	47.3
Lumber	*Cu. ft*	*30.8*	*32.6*	*29.1*	*25.8*	*32.4*	*33.5*	*31.7*	*26.4*	*23.9*	*21.7*
Plywood and veneer	Cu. ft	4.2	5.8	5.7	5.9	7.3	7.4	6.8	5.5	5.4	4.9
Pulp products	Cu. ft	16.2	20.0	21.4	17.9	19.6	20.8	21.9	21.4	20.2	19.3
Other products	Cu. ft	2.8	2.9	2.1	1.8	1.7	1.8	1.8	1.7	1.5	1.4
Fuelwood	Cu. ft	7.2	4.7	2.6	2.6	4.7	7.1	10.1	13.7	15.9	15.9
Lumber	Bd. ft	199	212	193	171	213	219	209	174	158	143
Plywood and veneer	Bd. ft	25	35	34	32	39	40	37	30	29	26
Pulp products	Cords (128 cu. ft.)	.2	.3	.3	.2	.2	.3	.3	.3	.3	.2

Source of tables 1202 and 1203: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-83*, annual.

NO. 1204. SELECTED TIMBER PRODUCTS—PRODUCER PRICE INDEXES: 1970 TO 1983

[See also *Historical Statistics, Colonial Times to 1970*, series L 206–210]

INDEX AND PRODUCT	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
1967=100												
Softwood lumber [1]	113	214	211	201	248	297	346	380	345	343	322	370
Douglas fir	109	210	214	212	251	291	340	384	353	312	266	362
Southern pine	115	188	185	175	217	263	305	324	297	292	286	320
Hardwood lumber [1]	115	169	190	160	176	200	236	260	252	255	262	284
Plywood [2]	108	155	161	161	187	212	236	251	247	246	232	244
Softwood	114	194	187	201	248	296	326	323	309	307	282	310
Hardwood	103	113	130	120	123	128	140	169	177	180	181	180
Insulation board	111	122	134	144	161	178	203	199	208	242	251	263
Woodpulp	110	128	218	283	266	281	267	315	360	397	379	347
Paper	111	121	149	173	182	194	206	230	257	280	286	282
Paperboard	101	115	152	170	176	176	180	202	235	258	255	251
Containerboard	99	113	146	172	176	172	173	198	231	253	246	(NA)
Hardboard and particleboard	93	106	115	114	124	141	170	166	191	213	220	229
Dec. 1980=100												
Hardwood lumber:												
Oak, red, #1, common	43	70	80	60	73	91	113	120	103	(NA)	115	143
Gum #2, common	50	78	86	63	69	84	111	117	108	(NA)	(NA)	105
Poplar #1, common	62	89	102	71	77	81	97	102	99	104	(NA)	(NA)
Softwood, ponderosa pine, #3 boards	23	53	49	42	54	68	77	93	84	88	73	75

NA Not available. [1] Includes lumber listed below and other softwoods or hardwood. [2] Includes softwood plywood veneer.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, annual.

NO. 1205. SELECTED SPECIES—STUMPAGE AND LOG PRICES IN CURRENT AND CONSTANT (1967) DOLLARS: 1960 TO 1983

[**In dollars per 1,000 board feet.** Stumpage prices are based on sales of sawtimber from National Forests. See also *Historical Statistics, Colonial Times to 1970*, series L 199–205]

SPECIES	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS											
Softwoods:											
Douglas-fir [1]	32.00	42.60	41.90	169.50	225.90	250.30	394.40	432.20	350.20	118.20	161.60
Southern pine [2]	34.50	31.70	44.10	57.00	100.30	134.50	155.20	155.40	172.00	127.20	140.60
Sugar pine [3]	29.00	23.30	38.50	99.20	169.60	159.60	365.00	666.60	225.20	71.90	137.70
Ponderosa pine [4]	19.10	19.80	32.10	71.20	131.40	164.70	239.00	206.10	195.20	66.90	104.00
Western hemlock [5]	10.50	19.10	20.50	68.80	89.30	113.60	200.80	212.70	163.40	44.50	62.20
Hardwoods: [6]											
All eastern hardwoods	22.80	25.00	26.90	33.90	37.90	41.10	46.80	52.40	50.90	56.40	60.10
Oak, white, red, and black	23.40	21.30	26.60	29.70	60.00	59.20	68.80	65.60	63.20	70.80	87.90
Maple	35.00	31.90	34.40	39.60	42.10	57.40	33.90	37.40	41.50	34.30	25.00
Douglas-fir log prices: [7]											
Saw logs [8]	58.40	63.00	89.30	168.70	242.80	284.60	382.20	379.80	331.40	308.80	277.30
Peeler logs [9]	100.10	93.90	136.60	274.40	322.20	446.40	571.30	584.40	563.90	460.90	426.50
CONSTANT (1967) DOLLARS [10]											
Softwoods:											
Douglas-fir [1]	33.70	44.10	38.00	96.90	116.30	119.60	167.40	160.80	119.40	39.50	53.30
Southern pine [2]	36.40	32.80	39.90	32.60	51.60	64.30	65.90	57.80	58.60	42.50	46.40
Sugar pine [3]	30.60	24.10	34.90	56.70	87.30	76.30	154.90	248.00	76.80	24.00	45.40
Ponderosa pine [4]	20.10	20.50	29.10	40.70	67.70	78.70	101.40	76.70	66.50	22.40	34.30
Western hemlock [5]	11.10	19.80	18.60	39.30	46.00	54.30	85.20	79.10	55.70	14.90	20.50
Hardwoods: [6]											
All eastern hardwoods	24.00	25.90	24.40	19.40	19.50	19.60	19.90	19.50	17.30	18.80	19.80
Oak, white, red, and black	24.70	22.00	24.10	17.00	30.90	28.30	29.20	24.40	21.50	23.70	29.00
Maple	36.90	33.00	31.20	22.60	21.70	27.40	14.40	13.90	14.10	11.50	8.20
Douglas-fir log prices: [7]											
Saw logs [8]	61.50	65.20	80.90	96.50	125.00	136.00	162.20	141.30	113.00	103.20	91.50
Peeler logs [9]	105.50	97.20	123.70	156.90	165.90	213.30	242.50	217.40	192.20	154.00	140.70

[1] Western Washington and western Oregon. [2] Southern region. [3] Pacific Southwest region (formerly California region). [4] Pacific Southwest region (formerly California region). Includes Jeffrey pine. [5] Pacific Northwest region. [6] Eastern and Southern regions. [7] (Scribner log scale.) Prices are for western Washington and northwest Oregon and represent average transactions which may take place at a variety of points in the distribution process, e.g., at a river dump, reloading or truck scaling station, or on delivery to a mill. [8] Includes mixed grades, ungraded, and, beginning 1974 grade 4 logs. [9] Includes special fir peeler or special mill grade. [10] Deflated by the producer price index, all commodities.

Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–83*, annual.

NO. 1206. LUMBER PRODUCTION AND CONSUMPTION, BY KIND OF WOOD: 1960 TO 1982

[In millions of board feet, except as indicated. 1960 excludes Alaska and Hawaii. Based on sample survey; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series L 98-112 and L 122-137]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total production	**32,926**	**36,762**	**34,668**	**32,619**	**36,295**	**37,882**	**38,270**	**37,678**	**32,322**	**28,379**	**25,589**
Softwoods [1]	26,672	29,295	27,530	26,747	29,878	31,202	31,273	30,411	25,264	22,187	20,585
Cedar	(s)	633	683	821	934	967	929	837	722	757	620
Douglas fir	8,832	8,783	7,727	7,329	8,207	8,543	8,601	8,425	6,853	5,868	5,524
Hemlock	2,032	2,576	1,980	2,020	2,454	2,439	2,728	2,505	1,855	1,501	1,341
Ponderosa pine	3,169	3,776	3,429	3,544	4,032	4,167	4,175	3,966	3,269	2,894	2,932
Redwood	1,000	1,087	1,078	1,054	1,128	1,148	917	896	770	730	722
Southern yellow pine	5,660	6,628	7,063	6,967	7,598	8,239	8,267	8,034	6,880	6,824	6,186
White fir	2,224	2,422	2,063	2,012	2,104	2,184	2,099	2,140	1,643	1,253	1,177
White pine	675	693	898	947	1,060	1,080	1,154	(s)	(s)	502	437
Hardwoods [1]	6,254	7,467	7,138	5,872	6,417	6,680	6,997	7,267	7,058	(s)	(s)
Ash	125	141	159	124	137	144	160	(s)	(s)	130	124
Beech	195	182	188	136	140	137	146	193	183	95	88
Cottonwood	206	198	229	253	309	355	372	374	303	155	126
Elm	195	206	155	117	131	149	151	151	149	77	64
Maple	602	786	742	531	569	563	561	[3] 217	[2] 225	426	376
Oak	2,789	3,356	3,250	2,724	2,996	3,103	3,220	3,461	3,356	1,922	1,851
Sweet gum [3]	331	387	376	245	286	377	412	401	371	231	204
Tupelo and black gum	292	385	335	251	277	252	267	(s)	(s)	79	83
Yellow poplar	592	681	606	555	596	605	645	673	661	409	399
Domestic consumption [4]	**35,225**	**40,782**	**38,073**	**36,099**	**42,194**	**46,969**	**48,432**	**46,292**	**38,771**	**35,933**	**33,307**
Percent net imports [5]	8.7	10.6	12.7	12.0	15.2	19.3	21.8	20.3	19.1	20.1	22.0
Softwoods	28,974	32,701	31,585	30,308	35,753	40,079	41,435	39,353	32,499	30,078	26,286
Per capita (bd. ft.)	164	172	155	142	164	182	186	175	143	131	122
Mill stocks, yearend	5,285	4,145	4,340	4,063	4,199	4,077	3,999	4,172	4,061	3,987	3,982
Exports	688	777	1,152	1,373	1,583	1,413	1,369	1,745	1,956	1,878	1,630
Imports	*3,631*	*4,895*	*5,769*	*5,711*	*7,950*	*10,380*	*11,825*	*11,118*	*9,540*	*9,205*	*9,119*
Hardwoods	6,252	8,081	6,488	5,791	6,441	6,890	6,997	6,939	6,272	5,855	5,022
Per capita (bd. ft.)	35	39	32	27	30	32	31	31	28	26	22
Mill stocks, yearend	2,067	1,085	1,144	875	877	773	800	1,163	1,765	1,926	1,754
Exports	173	145	138	245	262	251	320	307	379	406	356
Imports	291	338	347	237	288	341	361	376	293	291	211

S Figure does not meet publication standards. [1] Includes types not shown separately. [2] Excludes hard maple. [3] Red and sap. [4] Source: Copeland Economics Group, Inc., Stamford, CT. [5] Imports minus exports.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

NO. 1207. LUMBER PRODUCTION, BY GEOGRAPHIC DIVISION: 1970 TO 1982

[Data based in part on a sample of sawmills and are subject to sampling variability, see source. For composition of divisions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series L 113-121, for data by regions]

REGION AND DIVISION	PRODUCTION (bil. bd. ft.)												
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
United States	**34.7**	**37.0**	**37.7**	**36.6**	**34.6**	**32.6**	**36.3**	**37.9**	**38.3**	**37.7**	**32.3**	[1]**26.4**	[1]**25.6**
North [2]	4.4	4.4	4.4	4.6	4.4	4.1	4.5	4.7	4.9	5.0	4.9	(NA)	(NA)
Hardwood	3.4	3.3	3.3	3.5	3.3	3.0	3.3	3.4	3.4	3.6	3.4	(NA)	(NA)
Softwood	1.0	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.5	1.4	1.5	(NA)	(NA)
South [2]	10.8	11.3	11.3	11.4	10.4	9.7	10.6	11.4	11.7	11.6	10.2	(NA)	(NA)
Hardwood	3.6	3.5	3.3	3.4	3.4	2.7	3.0	3.1	3.3	3.5	3.3	(NA)	(NA)
Softwood	7.2	7.8	8.0	8.0	7.0	7.0	7.7	8.3	8.4	8.1	6.9	(NA)	(NA)
West [2 3]	19.4	21.3	22.0	22.6	19.7	18.8	21.1	21.8	21.7	21.1	17.2	(NA)	(NA)
New England	.7	.7	.8	.8	.8	.8	.9	.9	1.0	1.0	1.1	.7	.6
Middle Atlantic	.8	.8	.8	.8	.9	.7	.8	.9	.9	.9	.9	.5	.5
East North Central	1.2	1.2	1.2	1.3	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.0	.9
West North Central	.6	.6	.5	.6	.6	.5	.6	.6	.7	.8	.6	.2	.2
South Atlantic	5.2	5.4	5.4	5.5	5.1	4.7	5.2	5.3	5.4	5.8	5.2	4.4	3.9
East South Central	3.4	3.6	3.6	3.6	3.4	3.0	3.3	3.6	3.7	3.6	3.2	2.8	2.5
West South Central	3.2	3.5	3.4	3.3	2.9	3.0	3.1	3.5	3.6	3.2	2.9	2.3	2.3
Mountain	4.2	4.5	4.5	4.6	3.9	3.9	4.6	4.7	4.7	4.5	3.8	3.3	3.0
Pacific	15.3	16.7	17.6	18.0	15.8	14.8	16.6	17.1	17.0	16.6	13.4	11.2	10.6

NA Not available. [1] Includes amounts not specified by division. [2] Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-83*, annual. Regions are as defined by the Forest Service, see table 1198. [3] Includes small volumes of western hardwoods—about .2 billion board feet in recent years.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

No. 1208. Wood Products—Production: 1960 to 1983

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983, prel.
Hardwood flooring	Mil. bd. ft.	915	808	333	155	385	360	292	315	275	315
Softwood plywood	Bil. sq. ft., ⅜" basis	7.8	12.4	14.1	15.7	19.5	18.2	15.5	15.6	14.1	21.0
Insulation boards	1,000 short tons	1,098	1,258	1,219	1,249	1,425	1,351	1,051	845	729	800
Hardboard	1,000 short tons	686	1,093	1,463	1,784	2,416	2,291	1,970	1,858	1,465	1,600
Particleboard	Mil. sq. ft. ¾" basis	268	780	1,764	2,503	3,866	3,536	3,029	2,930	2,470	3,065

Source: U.S. Dept. of Commerce, International Trade Administration, *Forest Products Review*, monthly (discontinued April 1983); and unpublished data. Based on reports of U.S. Bureau of the Census and National Particleboard Association, Silver Spring, MD.

No. 1209. Pulpwood—Production, Consumption, and Prices: 1960 to 1982

[In millions of standard cords of 128 cubic feet, except as indicated. Excludes Hawaii in 1960. See *Historical Statistics, Colonial Times to 1970*, series L 166 and L 168, for similar data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Production, total	40.0	52.3	70.5	77.2	81.9	69.0	77.4	79.8	80.1	86.2	86.6	85.3	79.7
Softwood	31.5	39.8	53.4	56.7	59.6	52.4	58.1	60.2	58.9	63.3	65.2	62.1	57.8
Hardwood	8.5	12.5	17.1	20.4	22.2	16.6	19.3	19.6	21.2	22.9	23.4	23.2	21.9
Consumption, total [1]	40.5	52.0	67.6	73.6	74.3	65.4	73.2	73.9	74.2	77.6	79.7	79.4	73.6
Softwood	32.1	39.7	51.3	54.8	54.6	48.9	54.8	55.7	54.9	57.9	58.8	58.5	53.7
Hardwood	8.4	12.3	16.3	18.8	19.8	16.5	18.4	18.3	19.2	19.7	20.9	20.9	19.9
Prices: (dol. per standard cord):													
Southern pine: Midsouth	16.05	16.30	18.80	23.85	28.25	28.70	29.75	31.40	33.15	40.10	43.30	50.45	52.90
Southeast	16.45	17.65	21.10	28.20	32.80	33.20	33.60	34.65	36.25	40.65	43.90	47.15	48.25
Hardwood: Midsouth	13.10	13.80	16.95	21.30	25.30	25.70	26.50	28.10	30.35	33.90	36.70	39.50	39.80
Southeast	13.60	14.35	17.15	21.15	24.10	24.55	24.55	26.55	28.15	30.40	32.90	35.10	35.20
New Hampshire	18.50	16.50	20.00	23.50	26.50	28.50	31.65	33.00	35.00	37.00	41.50	44.00	44.00

[1] Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-26A, monthly and annual.

Source: Except as noted, U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–82*, annual.

No. 1210. Newsprint—Production, Stocks, Consumption, Imports, and Price: 1960 to 1983

[In thousands of short tons, except price. See also *Historical Statistics, Colonial Times to 1970*, series L 192–198]

COUNTRY AND ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Canada:											
Production	6,114	7,003	7,808	6,966	8,154	8,641	8,756	8,625	8,946	8,109	8,486
Shipments from mills	6,125	7,028	7,795	7,010	8,169	8,913	8,780	8,622	8,915	8,054	8,439
Stocks at mills, end of year	127	136	214	66	256	184	162	165	194	256	303
United States:											
Consumption by publishers [1]	6,634	7,696	8,805	8,395	9,279	9,864	10,197	10,089	10,165	10,107	10,579
Production	1,849	2,037	3,142	3,348	3,511	3,418	3,685	4,239	4,753	4,574	4,688
Shipments from mills	1,842	2,039	3,136	3,348	3,507	3,429	3,689	4,234	4,735	4,525	4,675
Stocks, end of year: At mills	22	17	30	19	31	20	16	21	38	86	99
At and in transit to publishers	570	520	679	666	722	660	628	732	961	854	790
Imports [2]	4,910	5,736	6,019	5,304	5,950	6,789	6,553	6,603	6,329	5,925	6,277
Producer Price Index (1967=100)	96.1	94.6	107.6	184.0	215.4	226.3	249.4	[3] 279.3	[3] 308.1	315.8	302.9

[1] Based on Newspaper Publishers Association sample of publishers. [2] Source: Reports of U.S. Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico and beginning 1981, Virgin Islands. [3] Average for 11 months.

Source: Except as noted, U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly. Data from American Newspaper Publishers Association, Reston, VA, and American Paper Institute, Inc., New York, NY.

No. 1211. Wastepaper Utilization and Recovery Rates: 1960 to 1983

[In millions of short tons, except percent. Recovery rate is ratio of total wastepaper recovered to new supply. Wastepaper utilization is the ratio of wastepaper consumption at paper and board mills to paper and board production. See *Historical Statistics, Colonial Times to 1970*, series L 175, for U.S. wastepaper consumption]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Paper and board, production [1]	33.9	43.5	51.7	51.1	60.2	62.2	64.5	63.7	64.4	61.2	67.0
Wastepaper consumption	[2] 9.0	[2] 10.2	11.8	11.7	14.1	14.8	15.4	14.9	15.0	14.4	15.5
Wastepaper utilization rate (percent)	26.5	23.4	22.8	23.0	23.3	23.7	23.8	23.4	23.3	23.6	23.2
Other wastepaper uses [3]	.20	.20	.42	.54	.87	.50	.51	.47	.49	.49	.49
Wastepaper exports	.15	.29	.41	.86	1.51	1.60	2.23	2.66	2.21	2.13	2.57
Total wastepaper recovered	9.3	10.6	12.6	13.1	16.3	16.8	18.0	18.0	17.7	17.0	18.5
Paper and board, new supply [4]	38.5	48.3	56.0	54.3	64.4	68.0	70.0	67.3	68.1	64.9	71.4
Recovery rate (percent)	24.2	21.9	22.4	24.1	25.4	24.7	25.8	26.7	25.9	26.1	25.9

[1] Excludes hard pressed board; includes construction paper and board, and wet machine board. [2] Source: U.S. Bureau of the Census, Report FT 446. [3] Estimated. [4] Excludes production of hard pressed board.

Source: Except as noted, American Paper Institute, Inc., New York, NY, *Statistics of Paper, Paperboard, and Wood Pulp*, annual, and unpublished data.

No. 1212. Paper and Paperboard—Production and Consumption: 1970 to 1983

[**In millions of short tons.** See also *Historical Statistics, Colonial Times to 1970,* series L 172, L 174, and L 176–191]

ITEM	PRODUCTION						CONSUMPTION [1]					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Total paper and paperboard	51.7	51.1	63.7	64.4	61.2	67.0	56.0	54.3	67.3	68.1	64.9	71.4
Paper	23.4	23.4	30.2	31.0	30.4	32.9	29.8	26.4	37.1	37.5	36.7	40.2
Newsprint	3.5	3.7	4.7	5.2	5.0	5.2	9.8	9.0	11.8	11.9	11.3	11.8
Coated printing, converting	3.3	3.2	4.7	4.9	5.0	5.7	3.2	3.1	4.7	4.9	5.0	5.8
Uncoated free sheet	5.1	5.4	8.0	7.9	7.9	8.8	5.1	5.3	8.1	7.9	8.0	8.9
Other printing, writing, etc	2.6	2.5	2.9	2.9	2.8	2.9	2.7	2.6	3.2	3.2	3.2	3.6
Packaging and industrial converting	5.2	4.7	5.6	5.6	5.3	5.6	5.1	4.4	5.3	5.3	5.1	5.5
Tissue and other machine creped	3.7	4.0	4.4	4.5	4.4	4.8	3.7	3.9	4.3	4.5	4.4	4.8
Paperboard	25.4	24.8	31.0	31.2	29.1	32.2	23.2	22.8	27.2	28.2	26.2	29.0
Unbleached kraft	11.5	11.5	15.3	15.6	14.5	16.1	9.9	10.5	13.0	13.8	12.6	13.9
Bleached kraft	3.3	3.3	3.9	3.9	3.7	3.9	3.2	3.1	3.3	3.4	3.1	3.4
Semichemical	3.5	3.7	4.7	4.7	4.4	4.7	3.4	3.6	4.4	4.6	4.3	4.6
Recycled furnish	7.0	6.2	7.1	7.0	6.5	7.4	7.0	6.2	7.0	7.0	6.5	7.4
Construction paper and board [2]	3.0	3.0	2.6	2.1	1.7	1.9	3.0	3.0	3.0	2.5	2.0	2.3

[1] Total consumption of paper and paperboard includes net imports of paper and paperboard converted products; not available by grade. [2] Source: U.S. Bureau of the Census, *Current Industrial Reports,* through 1980. Includes wet machine board, approximately 100,000–160,000 tons per year; 1982 and 1983 data estimated.

Source: Except as noted, American Paper Institute, Inc., New York, NY, *Statistics of Paper, Paperboard, and Woodpulp,* annual.

No. 1213. Woodpulp—New Supply and Consumption: 1960 to 1983

[**In millions of short tons.** 1960 excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series L 169–170]

ITEM	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981	1982	1983
Total new supply [1]	26.6	35.7	44.0	49.7	43.6	50.4	51.4	52.6	53.3	53.8	51.5	55.1
Production, total [2]	25.3	34.0	43.5	48.3	43.1	49.1	50.0	51.2	53.0	53.4	51.2	54.6
Sulphate	14.6	21.5	29.5	33.0	29.2	34.2	35.5	36.3	38.0	38.7	37.9	40.7
Groundwood [3]	3.3	3.6	4.4	4.7	4.4	4.9	4.7	4.6	5.3	5.7	5.1	5.1
Imports	2.4	3.1	3.5	4.1	3.1	3.9	4.0	4.3	4.1	4.1	3.7	4.1
Exports	1.1	1.4	3.1	2.8	2.6	2.6	2.6	2.9	3.8	3.7	3.4	3.6
Consumption in paper and board [2] [4]	25.7	34.0	43.2	48.3	42.4	48.5	49.8	51.6	52.4	53.0	49.7	53.1

[1] Production plus imports, less exports. [2] Source: U.S. Bureau of the Census, *Current Industrial Reports,* through 1980. Production includes other, not shown separately. [3] Beginning 1975, includes thermochemical pulp. [4] Includes defibrated and exploded woodpulp, plus screenings (estimated at 2.1 million short tons in 1983).

Source: Except as noted, American Paper Institute, Inc., New York, NY, *Statistics of Paper, Paperboard, and Woodpulp,* annual, and *Monthly Statistical Summaries.*

No. 1214. Logs—Exports and Imports: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series L 138–150]

ITEM	VOLUME (mil. bd. ft., log scale)						VALUE (mil. dol.)					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Exports	2,741	2,667	3,261	2,534	3,208	3,307	356	724	1,581	1,095	1,258	1,167
Softwoods	2,672	2,601	3,109	2,377	3,115	3,196	320	681	1,452	1,003	1,174	1,088
Hardwoods	69	66	152	157	93	112	36	43	129	92	84	98
Imports	144	85	128	101	117	165	13	16	20	20	26	27
Softwoods	107	69	114	88	99	142	9	12	17	17	23	24
Hardwoods	38	17	13	14	18	23	5	3	3	3	3	3

No. 1215. Plywood—Production, Imports, Exports, Consumption, and Value of Shipments: 1970 to 1982

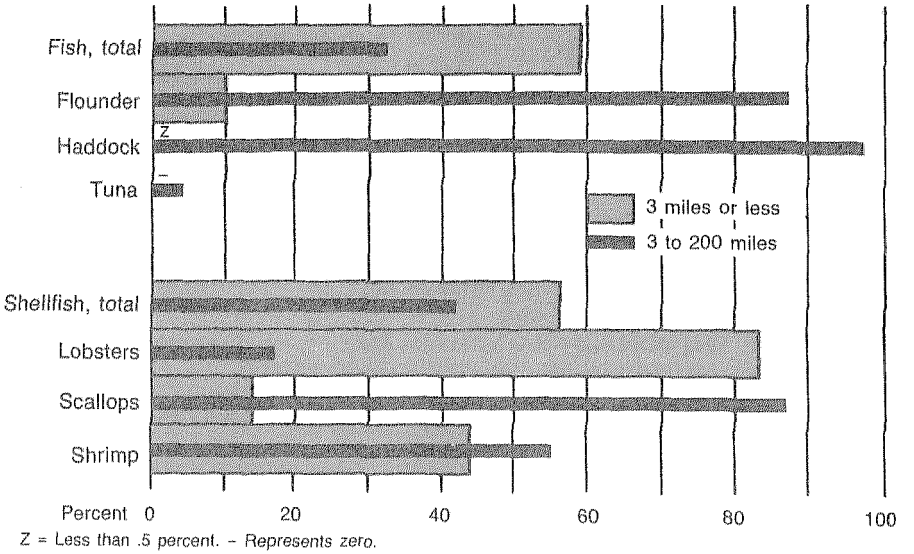
[See also *Historical Statistics, Colonial Times to 1970,* series L 151–165]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total production	Mil. sq. ft.[1]	15,945	16,758	18,989	20,065	20,676	19,354	16,521	16,499	15,021
Softwood	Mil. sq. ft.[1]	14,149	15,706	17,906	18,877	19,492	18,204	15,483	15,524	14,131
Hardwood	Mil. sq. ft.[1]	1,796	1,052	1,083	1,187	1,185	1,150	1,038	976	890
Imports	Mil. sq. ft.[1]	2,049	1,925	2,368	2,273	2,555	2,097	1,235	1,511	1,125
Exports	Mil. sq. ft.[1]	172	859	795	357	328	430	413	733	487
Consumption	Mil. sq. ft.[1]	17,822	17,823	20,561	21,981	22,903	21,021	17,344	17,277	15,659
Total shipments [2]	Mil. dol	1,268	2,073	2,779	3,602	4,078	3,822	3,233	3,105	2,703
Softwood	Mil. dol	959	1,726	2,362	3,125	3,549	3,218	2,670	2,529	2,158
Hardwood	Mil. dol	310	347	417	477	529	604	563	576	545

[1] 3/8" basis. [2] Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MA-24F and MA-24H, both annual. Includes interplant transfers.

Source of tables 1214 and 1215: Except as noted, U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–83,* annual.

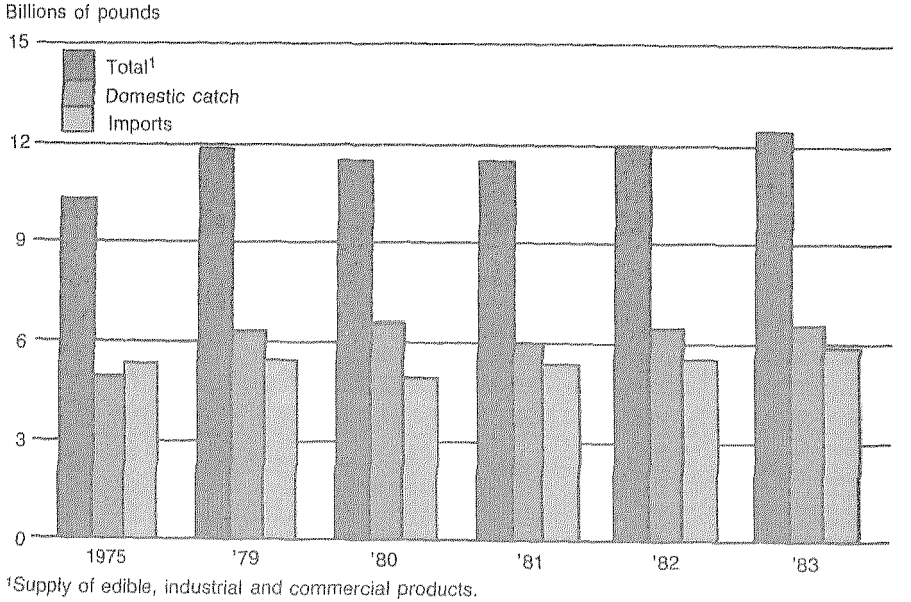
Figure 26.1
U.S. Catch of Fish and Shellfish, by Distance Caught Off U.S. Shores: 1983



Z = Less than .5 percent. – *Represents zero.*

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1226.

Figure 26.2
Fishery Products—Supply: 1975 to 1983



[1]Supply of edible, industrial and commercial products.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1219.

Section 26

Fisheries

This section presents statistics on commercial fishing and the fish processing industry. The principal sources of these data are *Fishery Statistics of the United States,* and *Fisheries of the United States,* both issued annually by the National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA).

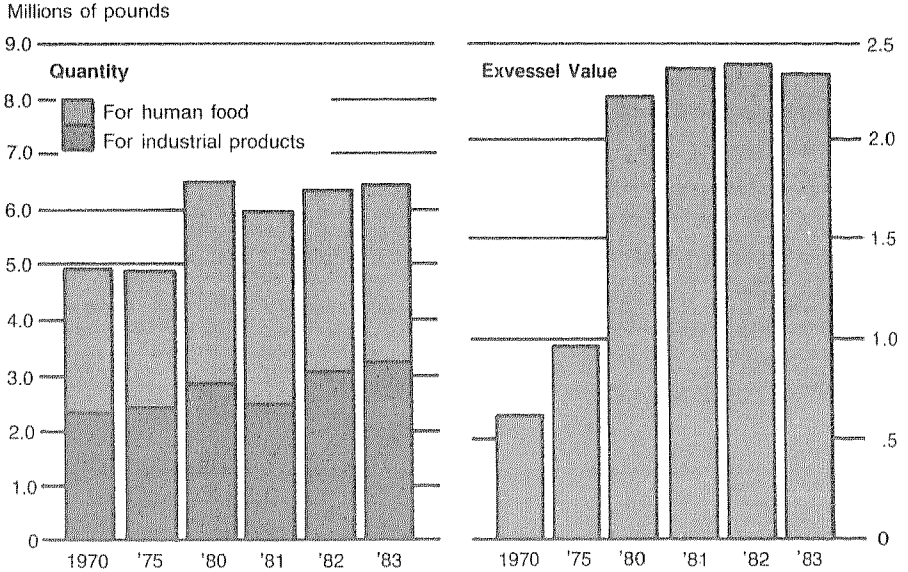
The NMFS collects and disseminates data on commercial landings of fish and shellfish, freezings and holdings of fishery products, fish meal and oil production, and foreign trade in fishery products. Quarterly data are published on U.S. output of fish sticks, fish portions, and breaded shrimp. Annual reports include quantity and value of commercial landings of fish and shellfish (by species, region, State, and type of fishing gear), disposition of landings, number of fishermen, and number and kinds of fishing vessels and fishing gear. Reports for the fish-processing industry include annual output of canned, packaged, and industrial products and, for the wholesaling and fish processing establishments, annual and seasonal employment, and number of firms, by product and State.

The Magnuson Fishery Conservation and Management Act of 1976 established a Fisheries Conservation Zone (FCZ) which gives the Federal Government exclusive authority over domestic and foreign fisheries within 200 nautical miles of U.S. shores and over certain living marine resources beyond the FCZ. Within the FCZ, the total allowable level of foreign fishing, if any, is that portion of the "optimum yield" not harvested by U.S. vessels. Adjustments in the "optimum yield" level may occur periodically. For details, see *Fisheries of the United States, 1983.* The NMFS collects and disseminates data on catches by foreign fishing vessels in the FCZ.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 26.3

Fisheries — Quantity and Value of Domestic Catch: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1216 and 1219.

No. 1216. Fisheries—Quantity and Value of Domestic Catch: 1940 to 1983

[Prior to 1950, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 224-226, L 229, and L 310]

Year	Quantity (mil. lb.) [1]			Ex-vessel value (mil. dol.)	Average price per lb. (cents)	Year	Quantity (mil. lb.) [1]			Ex-vessel value (mil. dol.)	Average price per lb. (cents)
	Total	For human food	For industrial products [2]				Total	For human food	For industrial products [2]		
1940	4,060	2,675	1,385	99	2.4	1974	4,967	2,496	2,471	932	18.7
1945	4,598	3,167	1,431	270	5.9	1975	4,877	2,465	2,412	977	20.0
1950	4,901	3,307	1,594	347	7.1	1976	5,388	2,775	2,613	1,349	25.0
1955	4,809	2,579	2,230	339	7.1	1977	5,271	2,952	2,319	1,554	29.5
1960	4,942	2,498	2,444	354	7.2	1978, prel	6,028	3,177	2,851	1,854	30.7
1965	4,777	2,587	2,190	446	9.3	1979, prel	6,267	3,318	2,949	2,234	35.6
1970	4,917	2,537	2,380	613	12.5	1980, prel	6,482	3,654	2,828	2,237	34.5
1971	5,018	2,441	2,577	651	13.0	1981, prel	5,977	3,547	2,430	2,388	40.0
1972	4,806	2,435	2,371	748	15.6	1982, prel	6,367	3,285	3,082	2,390	37.5
1973	4,858	2,398	2,460	937	19.3	1983, prel	6,439	3,238	3,201	2,355	36.6

[1] Live weight. [2] Meal, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1217. Fisheries—Employment, Fishing Craft, and Establishments: 1965 to 1982

[**In thousands.** As of **Dec. 31.** Data for employment and establishments exclude Alaska. See also *Historical Statistics, Colonial Times to 1970*, series L 254-261]

Item	1965	1970	1973	1974	1975	1976	1977	1978, prel.	1979, prel.	1980, prel.	1981, prel.	1982, prel.
Persons employed in U.S	**215**	**227**	**243**	**253**	**260**	**267**	**280**	**257**	**267**	**296**	**303**	**314**
Fishermen	129	140	149	161	168	174	182	172	184	193	198	216
Shore workers [1]	87	87	94	92	92	93	98	85	83	*103*	*105*	*98*
Craft used	**80**	**88**	**90**	**101**	**103**	**103**	**107**	**104**	**103**	**113**	**115**	**123**
Vessels, 5 net tons and over	12	14	15	16	16	17	17	18	18	19	20	20
Motorboats	64	72	72	83	85	84	88	84	84	93	93	102
Other boats	3	2	2	2	2	2	2	2	1	1	2	1
Fishery shore establishments	**4.2**	**3.7**	**3.6**	**3.5**	**3.6**	**3.6**	**3.6**	**3.3**	**3.4**	**3.6**	**3.6**	**3.6**

[1] Seasonal average.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1218. Fisheries—Catch and Ex-Vessel Value, 1980 to 1983, by Area

[See *Historical Statistics, Colonial Times to 1970*, series L 236-253, for data on quantity and ex-vessel value of catch]

Area	1980 [1]		1981 [1]		1982 [1]		1983 [1]	
	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)
United States	**6,482**	**2,237**	**5,977**	**2,388**	**6,367**	**2,390**	**6,439**	**2,355**
New England States	788	327	697	356	687	374	711	435
Middle Atlantic States	244	97	228	95	129	93	128	94
Chesapeake Bay States	717	130	603	126	791	120	841	130
South Atlantic States	473	148	543	138	427	164	397	173
Gulf States	1,979	463	1,700	554	2,300	614	2,443	615
Pacific Coast States	2,140	1,025	2,070	1,064	1,872	964	1,739	846
Great Lakes States	44	14	39	12	36	13	47	14
Hawaii	11	12	13	18	14	14	29	18
Other [2]	85	21	85	25	109	34	103	30

[1] Preliminary. [2] Mississippi River and other areas.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1219. Fishery Products—Supply: 1965 to 1983

[Live weight, in millions of pounds, except percent. 1978–1983 preliminary. See *Historical Statistics, Colonial Times to 1970,* series L 224–226, for domestic catch]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**10,535**	**11,474**	**9,875**	**10,164**	**11,593**	**10,652**	**11,509**	**11,631**	**11,357**	**11,353**	**12,011**	**12,352**
For human food	5,163	6,213	6,638	6,394	7,404	7,466	8,135	8,251	8,006	8,267	7,968	8,413
Finfish	(NA)	(NA)	4,971	4,848	5,657	5,641	6,263	6,324	6,139	6,316	6,090	6,358
Shellfish [1]	(NA)	(NA)	1,667	1,546	1,747	1,825	1,872	1,927	1,867	1,951	1,878	2,055
For industrial use	5,372	5,261	3,237	3,770	4,189	3,186	3,374	3,380	3,351	3,086	4,043	3,939
Domestic catch	**4,777**	**4,917**	**4,967**	**4,877**	**5,388**	**5,271**	**6,028**	**6,267**	**6,482**	**5,977**	**6,367**	**6,439**
Percent of total	45.3	42.8	50.2	47.9	46.5	49.5	52.4	53.0	57.1	52.7	53.0	52.1
For human food	2,587	2,537	2,496	2,465	2,775	2,952	3,177	3,318	3,654	3,547	3,285	3,238
Finfish	(NA)	(NA)	1,522	1,548	1,776	1,833	2,018	2,204	2,516	2,414	2,324	2,351
Shellfish [1]	(NA)	(NA)	974	917	999	1,119	1,159	1,114	1,138	1,133	961	887
For industrial use	2,190	2,380	2,471	2,412	2,613	2,319	2,851	2,949	2,828	2,430	3,082	3,201
Imports [2]	**5,758**	**6,557**	**4,908**	**5,287**	**6,205**	**5,381**	**5,481**	**5,364**	**4,875**	**5,376**	**5,644**	**5,913**
Percent of total	54.7	57.2	49.8	52.1	53.5	50.5	47.6	47.0	42.9	47.3	47.0	47.9
For human food	2,576	3,676	4,142	3,929	4,629	4,514	4,958	4,933	4,352	4,720	4,683	5,175
Finfish	(NA)	(NA)	3,449	3,300	3,881	3,808	4,245	4,120	3,623	3,902	3,766	4,007
Shellfish [1]	(NA)	(NA)	693	629	748	706	713	813	729	818	917	1,168
For industrial use [3]	3,182	2,881	766	1,358	1,576	867	523	631	523	656	961	738

NA Not available. [1] For univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell, is reported. [2] Excludes imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. [3] Fish meal and sea herring.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1220. Fisheries—Disposition of Domestic Catch: 1965 to 1983

[Live weight catch in millions of pounds. 1977–1983 preliminary. In addition to whole fish, a large portion of waste (400–500 million lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. See *Historical Statistics, Colonial Times to 1970,* series L 305–310, for similar but not entirely comparable data]

DISPOSITION	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**4,777**	**4,917**	**4,967**	**4,877**	**5,388**	**5,198**	**6,028**	**6,267**	**6,482**	**5,977**	**6,367**	**6,439**
Fresh and frozen	1,751	1,595	1,660	1,744	1,921	2,025	2,237	2,394	2,621	2,547	2,550	2,304
Canned	1,042	1,150	1,005	907	1,051	1,078	1,099	1,046	1,161	1,118	891	1,087
Cured	76	71	69	55	55	55	52	94	96	90	85	80
Reduced to meal, oil, etc	1,908	2,101	2,233	2,171	2,361	2,040	2,640	2,733	2,604	2,222	2,841	2,968

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1221. Fisheries, Selected Countries—Commercial Catch, 1975 to 1982, and Catch Per Capita, 1975

[In billions of pounds, live weight, except per capita. Catch of fish, crustaceans, mollusks (including weight of shells), and other aquatic plants and animals, except whales and seals. World total includes countries not shown separately]

COUNTRY	1975		1980	1981	1982	COUNTRY	1975		1980	1981	1982
	Total	Per capita [1] (lb.)					Total	Per capita [1] (lb.)			
World total	**145.5**	**27.1**	**159.5**	**165.5**	**169.3**	Iceland	2.2	147.3	3.3	3.2	1.7
						Philippines	3.2	73.0	3.4	3.7	3.9
United States	6.3	35.1	8.0	8.3	8.8	Canada	2.2	40.1	2.9	3.1	3.1
Japan	21.8	148.6	23.0	23.5	23.8	Korea, D.P.R. (est.)	2.3	78.5	3.1	3.3	3.4
Soviet Union	22.0	63.3	20.9	21.0	22.0	Spain	3.3	77.8	2.8	2.8	3.0
Peru	7.6	37.9	6.0	6.0	7.6	Vietnam (est.)	1.9	48.1	2.1	2.1	2.2
Chile	2.0	34.8	6.2	7.5	8.1	Brazil	1.7	15.2	1.8	1.8	1.9
Norway	5.5	103.6	5.3	5.6	5.5	Mexico	1.0	10.8	2.7	3.5	3.3
India	5.0	7.0	5.4	5.4	5.1	France	1.7	48.9	1.7	1.7	1.7
Korea, Rep. of	4.2	104.3	4.6	5.2	5.0	South Africa, Rep. of	1.3	15.4	1.4	1.3	1.4
Denmark	3.9	77.4	4.5	4.1	4.2	Poland	1.8	45.2	1.4	1.4	1.3
Indonesia	3.0	23.6	4.1	4.2	4.5	United Kingdom	1.1	38.1	.9	.8	.7
Thailand	3.4	50.5	4.0	4.4	4.2						

[1] 1975–1977 average.

Source: Food and Agricultural Organization of the United Nations, Rome, Italy, *Yearbook of Fishery Statistics, 1982,* vol. 54.

No. 1222. Fisheries—Catch and Value of Principal Species: 1970 to 1983

[**Catch in millions of pounds live weight, value in millions of dollars.** Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish. 1980–1983 preliminary]

Species	Catch						Value					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Fish:												
Cod, Atlantic	53	56	118	100	104	112	6	13	32	33	37	38
Flounder	169	162	217	201	228	254	23	44	82	86	102	116
Haddock	27	16	55	55	45	33	6	5	21	22	22	19
Halibut	35	21	19	27	33	45	9	16	17	21	29	41
Herring, sea	79	131	291	247	202	180	2	6	45	31	35	44
Jack mackerel	47	37	44	31	58	40	2	2	4	3	5	3
Menhaden	1,837	1,803	2,497	2,105	2,766	2,963	34	49	112	81	108	119
Ocean perch, Atlantic	55	32	24	19	19	13	3	3	6	5	5	3
Pollock	9	21	43	41	35	34	1	2	7	9	7	6
Salmon, Pacific	410	202	614	648	607	639	99	107	357	438	392	351
Tuna	393	393	399	341	261	279	75	107	233	206	146	143
Whiting	45	42	36	37	36	37	4	4	6	7	8	7
Shellfish:												
Clams (meats)	99	113	95	121	108	115	29	43	90	107	97	96
Crabs	277	306	523	446	350	317	39	81	291	297	282	223
Lobsters, American	34	30	37	37	39	44	33	51	75	87	91	107
Oysters (meats)	54	53	49	50	54	50	29	45	70	69	76	67
Scallops (meats)	11	14	30	46	34	32	12	23	114	128	96	136
Shrimp	367	347	340	355	284	250	130	226	403	463	509	504

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1223. Prices Received by Fishermen and Vessel Owners: 1970 to 1983

[**Cents per pound. Live weight.** 1978–1983 data are preliminary. Based on prices received by fishermen and vessel owners. See also *Historical Statistics, Colonial Times to 1970,* series L 321–337]

Species	Point of pricing	1970	1975	1977	1978	1979	1980	1981	1982	1983
Fish:										
Cod	Massachusetts	13.1	24.2	22.6	25.4	29.3	27.3	33.0	36.2	33.9
Flounder	Massachusetts	15.3	34.9	41.7	50.5	47.2	42.4	57.9	56.7	54.0
Haddock	Massachusetts	25.8	32.8	31.9	31.9	42.6	36.7	39.4	49.5	58.6
Menhaden	(No specific point)	1.8	2.7	3.8	3.8	4.2	4.5	3.8	3.8	4.0
Ocean perch	Maine, Massachusetts	4.9	10.3	15.3	17.1	21.0	23.0	28.3	27.4	26.6
Salmon, chinook	(No specific point)	55.4	85.9	153.0	133.8	173.5	166.3	182.5	182.3	127.3
Salmon, coho	(No specific point)	39.3	77.6	103.3	118.6	142.5	109.7	94.5	99.4	66.5
Tuna, albacore	(No specific point)	26.7	33.3	54.3	60.6	64.7	80.1	91.0	69.1	61.6
Shellfish:										
Clams, soft	Maine	47.5	86.9	118.3	124.3	144.6	150.7	156.7	152.3	174.8
Crabs, blue, hard	Maryland, Virginia	6.6	15.7	20.3	20.5	19.1	20.3	23.4	32.2	29.1
Lobsters, American	Maine	94.7	161.5	173.6	177.1	180.3	189.7	206.6	221.8	233.1
Oysters, eastern	Maryland, Virginia	61.1	80.1	110.7	110.7	125.9	131.3	128.2	129.5	144.3
Sea scallops	New Bedford, MA	135.6	188.8	165.8	253.5	340.3	404.2	406.8	384.2	570.0
Shrimp	So. Atlantic, Gulf	47.6	107.0	113.3	130.6	185.4	149.0	173.1	218.6	350.5

Source: U.S. National Oceanic and Atmospheric Administration, *Prices Received by Fishermen,* H.S. No. 12 (C.F.S. No. 4657 Revised), *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1224. Commercial Fishery Products—Per Capita Consumption: 1960 to 1983

[**Pounds of edible meat.** 1978–1983 preliminary. Based on U.S. Bureau of the Census estimates of the civilian resident population as of July 1. See also *Historical Statistics, Colonial Times to 1970,* series L 294–304]

Product	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	10.3	10.8	11.8	12.5	12.8	12.1	12.2	12.9	12.7	13.4	13.0	12.8	12.9	12.3	12.9
Fresh and frozen	5.7	6.0	6.9	7.1	7.4	6.9	7.5	8.2	7.7	8.1	7.8	8.0	7.8	7.7	8.0
Fish [1]	3.8	3.8	4.5	4.7	5.2	4.4	4.9	5.6	5.1	5.5	5.4	5.5	5.0	5.1	5.2
Shellfish	1.9	2.2	2.4	2.4	2.2	2.5	2.6	2.6	2.6	2.6	2.4	2.5	2.8	2.6	2.8
Canned	4.0	4.3	4.5	4.9	5.0	4.7	4.3	4.2	4.6	5.0	4.8	4.5	4.8	4.3	4.6
Tuna	2.0	2.3	2.5	2.9	3.1	3.1	2.9	2.8	2.8	3.3	3.3	2.9	3.1	2.7	3.0
Salmon	.7	.9	.7	.7	.4	.3	.4	.4	.5	.6	.6	.5	.5	.5	.5
Shellfish	.4	.5	.5	.5	.5	.5	.4	.4	.6	.5	.5	.5	.5	.4	.5
Sardines	.4	.3	.4	.4	.5	.4	.2	.3	.3	.3	.3	.3	.4	.3	.2
Other	.5	.3	.4	.4	.5	.4	.4	.3	.4	.4	.3	.3	.3	.4	.4
Cured	.6	.5	.4	.5	.4	.5	.4	.5	.4	.3	.4	.3	.3	.3	.3

[1] Beginning 1973, includes consumption of artificially cultivated catfish.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1225. Catch, Catch Limits, and Principal Species Caught by Countries in the U.S. Fishery Conservation Zone (FCZ), by Country: 1981 to 1983

[**In millions of pounds live weight.** Data are preliminary. Excludes tuna. (In 1981, U.S. domestic catch of tuna in FCZ was 35 mil. lb., and in 1982 and 1983, 23 mil. lb.). Allocations (catch limits) set by species for countries fishing within 200 to 300 miles of U.S. shores. For details, see text, p. 683, and source]

COUNTRY	ACTUAL CATCH			ALLOCATION			Principal species caught
	1981	1982	1983	1981	1982	1983	
Total catch in FCZ	**5,968**	**5,451**	**5,442**	(x)	(x)	(x)	**Pollock, menhaden, whiting.**
U.S.	2,320	2,331	2,548	(x)	(x)	(x)	Pollock, menhaden, flounder.
Foreign	3,648	3,120	2,894	[1] 4,638	[1] 4,270	[1] 4,265	(x)
Japan	2,558	2,384	2,110	3,140	3,039	2,585	Pollock, flounder, Pacific cod.
U.S.S.R.	(x)	(x)	(x)	(x)	(x)	(x)	Whiting, Alaska pollock, flounder.
Korea, Rep. of	536	536	617	592	677	716	Pollock, Pacific cod, flounder.
Poland	362	(x)	(x)	508	(x)	(x)	Herring, whiting, squid.
Canada	66	66	51	(x)	(x)	(x)	Scallops, Atlantic cod, haddock.
Spain	43	34	10	62	36	30	Squid, whiting, butterfish.
Italy	26	32	20	50	45	32	Squid, butterfish, hake.
Germany, Fed. Rep. of	26	36	53	53	49	64	Alaska pollock, Pacific cod, Atka mackerel.
Portugal	(x)	(z)	(x)	24	24	5	Squid.
Bulgaria	16	16	(x)	50	40	1	Whiting, jack mackerel, rockfishes.
Faroe Islands	(x)	(z)	(x)	1	1	1	Squid, herring, mackerel.
China (Taiwan)	13	15	(x)	48	47	15	Pollock, Pacific cod, flounder.
Cuba	(x)	(x)	(x)	15	(x)	(x)	Mackerel (Atl.), whiting, herring.
Romania	(x)	(x)	(x)	(x)	(x)	(x)	Mackerel (Atl.), whiting, squid.
German Dem. Rep.	(x)	(x)	3	(x)	12	11	Mackerel (Atl.), herring.

X Not applicable. Z Less than 500,000 pounds. [1] Includes countries not shown separately.

No. 1226. U.S. Catch and Value of Fish and Shellfish, by Distance Caught Off U.S. Shores—Selected Species: 1983

[Preliminary. Catch is shown in live weight, except as indicated. Includes landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States and catches by U.S. flag vessels unloaded onto foreign vessels within the U.S. FCZ (joint venture)]

SPECIES	Total U.S. catch [1] (mil. lb.)	BY DISTANCE FROM U.S. SHORES						Value of U.S. catch [1] (mil. dol.)	PERCENT OF TOTAL VALUE, BY DISTANCE CAUGHT OFF U.S. SHORES		
		Catch (mil. lb.)			Percent of U.S. catch						
		3 miles or less [2]	3 to 200 miles	Over 200 miles	3 miles or less [2]	3 to 200 miles	Over 200 miles		3 miles or less [2]	3 to 200 miles	Over 200 miles
Fish, total [3]	**6,782.1**	**4,019.3**	**2,156.2**	**606.6**	**59.3**	**31.8**	**8.9**	**1,354.0**	**47.8**	**32.3**	**19.9**
Cod, Atlantic	112.5	4.6	107.3	.6	4.1	95.4	.5	37.9	3.7	95.8	.5
Flounder	335.0	33.0	291.9	10.1	9.9	87.1	3.0	121.7	12.4	85.0	2.6
Haddock	32.6	.1	31.5	1.0	.3	96.6	3.1	19.0	.2	96.3	3.5
Halibut	45.2	21.7	23.5	–	48.0	52.0	–	40.7	46.2	53.8	–
Herring, sea	180.5	165.0	15.5	–	91.4	8.6	–	44.0	98.2	1.8	–
Jack mackerel	39.6	3.8	35.8	–	9.6	90.4	–	3.4	8.8	91.2	–
Menhaden	2,962.8	2,747.6	215.2	–	92.7	7.3	–	119.3	93.0	7.0	–
Ocean perch	23.9	.1	17.3	6.5	.4	72.4	27.2	5.4	.5	72.2	27.3
Salmon, Pacific	639.3	624.9	14.3	.1	97.8	2.2	–	350.8	95.8	4.2	–
Tuna	586.0	.3	23.2	562.5	–	4.0	96.0	278.6	.1	8.2	91.7
Shellfish [3]	**937.0**	**527.6**	**391.5**	**17.9**	**56.3**	**41.8**	**1.9**	**1,232.4**	**48.1**	**48.1**	**3.8**
Clams (meats)	115.4	36.6	78.8	–	31.7	68.3	–	96.4	67.8	32.2	–
Crabs	317.0	232.1	84.9	–	73.2	26.8	–	223.4	49.2	50.6	–
Lobsters	49.4	41.2	8.2	–	83.3	16.6	.1	120.5	81.1	18.8	.1
Scallops (meats)	32.4	4.4	28.0	–	13.5	86.5	–	136.3	15.2	84.8	–
Shrimp	249.7	109.6	136.4	3.7	43.9	54.6	1.5	503.4	40.5	59.0	.5

– Represents zero. [1] Includes catch from international waters or off foreign shores. [2] Includes all landings in Great Lakes and other inland waters. [3] Includes other species not shown separately.

No. 1227. Supply of Tuna, Salmon, and Sardines: 1970 to 1983

[**In million of pounds.** 1978-83 preliminary]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Tuna: Domestic landings, live weight	478	557	570	665	458	566	508	500	490	473	586
Imports, fresh and frozen, live weight	465	839	517	641	670	870	810	770	770	589	534
Canned tuna, total supply	510	714	582	658	583	757	674	666	698	627	683
From domestic landings	204	250	261	287	207	257	218	215	217	197	239
From imported fresh and frozen	234	411	269	312	341	448	402	387	410	343	322
Imported canned	72	53	52	59	35	52	54	64	71	88	122
Canned salmon, for U.S. consumption	168	80	58	108	115	116	98	126	158	79	121
Domestic pack	183	88	78	125	136	149	149	200	221	120	175
Exports	17	8	23	20	21	33	51	74	63	41	54
Canned sardines, total supply	66	94	57	79	74	75	80	71	86	68	48
Maine sardines	19	25	26	25	23	26	30	20	31	18	13
Imports	47	69	31	54	50	49	50	51	55	50	35

Source of tables 1225-1227: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1228. Fisheries—Quantity and Value of Catch, by State, and Catch of Principal Species, by Area: 1965 to 1983

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. 1978–1983 preliminary. See also *Historical Statistics, Colonial Times to 1970*, series L 262–293]

Area, State, Catch, and Value	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
New England:											
Catch	702	531	498	547	586	661	709	788	697	687	711
Value	75	91	154	174	207	256	302	327	356	374	435
Maine:											
Catch	205	159	138	178	182	190	232	245	238	217	203
Value	22	31	48	54	62	69	80	93	104	101	108
New Hampshire:											
Catch	1	1	3	3	4	5	8	19	8	8	10
Value	1	1	1	1	2	2	3	5	4	4	4
Massachusetts:											
Catch	442	287	274	289	321	377	375	438	370	344	377
Value	46	47	83	96	116	152	176	178	197	204	245
Rhode Island:											
Catch	49	79	79	72	73	84	88	81	80	113	114
Value	5	11	19	21	23	29	36	46	49	55	66
Connecticut:											
Catch	5	5	4	5	5	5	6	5	1	6	8
Value	2	2	3	2	4	4	7	5	2	10	12
Catch for certain species:											
Cod	35	53	55	55	76	86	97	118	100	104	112
Flounder	112	104	77	80	89	87	98	118	112	128	154
Haddock	134	27	16	13	29	39	42	55	55	45	33
Herring, sea	75	66	79	110	111	111	143	184	139	73	51
Lobster, American	29	30	29	30	30	34	36	36	36	37	42
Ocean perch, Atlantic	84	55	32	32	35	36	34	24	19	19	13
Pollock	12	9	21	24	29	39	34	40	37	31	31
Whiting	75	40	33	37	33	35	16	18	20	24	26
Middle Atlantic:											
Catch	356	140	188	269	214	201	228	244	228	129	128
Value	25	30	50	69	70	79	92	97	95	93	94
New York:											
Catch	147	32	37	35	33	36	37	39	36	36	38
Value	12	16	28	32	31	34	38	45	45	45	38
New Jersey:											
Catch	160	98	144	227	179	164	189	201	189	90	87
Value	11	13	20	35	38	44	53	50	48	45	54
Delaware:											
Catch	48	10	7	7	2	1	2	4	3	4	4
Value	1	1	2	2	1	1	1	2	2	2	2
Catch for certain species:											
Clams (meats)	52	63	53	43	50	43	46	40	49	54	53
Menhaden	151	31	67	151	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oysters (meats)	1	1	3	4	2	2	3	3	2	2	2
Scup or porgy	17	4	10	9	9	11	8	8	10	7	8
Chesapeake Bay:											
Catch	592	630	509	587	671	599	639	717	603	791	841
Value	40	41	56	74	87	94	122	130	126	120	130
Maryland:											
Catch	87	80	64	58	62	60	66	80	115	100	90
Value	13	19	23	31	31	33	37	45	57	51	45
Virginia:											
Catch	505	551	445	529	609	539	573	637	488	691	751
Value	27	22	33	43	56	61	85	85	69	69	85
Catch for certain species:											
Alewives	38	21	12	4	1	2	2	1	1	1	2
Clams (meats)	11	23	47	24	28	28	30	36	38	31	38
Crabs	86	70	62	47	60	54	66	65	64	100	96
Menhaden	360	450	322	446	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oysters (meats)	21	25	23	21	18	22	20	21	22	18	11
South Atlantic:											
Catch	357	280	333	318	347	399	488	473	543	427	397
Value	27	30	64	74	71	96	145	148	138	164	173
North Carolina:											
Catch	234	173	238	226	251	300	390	356	432	308	288
Value	9	9	20	28	29	41	58	69	58	64	57
South Carolina:											
Catch	27	16	20	21	16	21	21	21	16	20	19
Value	5	4	13	14	10	16	26	20	14	24	25
Georgia:											
Catch	20	14	18	15	13	17	22	19	19	20	19
Value	4	4	12	12	9	14	28	20	13	22	25
Florida (east coast):											
Catch	76	76	57	56	66	61	55	77	76	79	71
Value	8	12	19	20	24	25	33	39	53	54	65
Catch for certain species:											
Crabs	46	43	31	27	31	47	49	55	60	62	58
Menhaden	192	136	167	145	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Shrimp	26	21	25	26	18	20	32	33	17	26	27

See footnotes at end of table.

NO. 1228. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATE, AND CATCH OF PRINCIPAL SPECIES, BY AREA: 1965 TO 1983—Continued

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. 1978–1983 preliminary. See also *Historical Statistics, Colonial Times to 1970,* series L 262–293]

AREA, STATE, CATCH, AND VALUE	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Gulf States:											
Catch	1,463	1,698	1,654	1,743	1,482	2,287	2,129	1,979	1,700	2,300	2,443
Value	114	167	271	386	408	473	530	463	554	614	616
Florida (west coast):											
Catch	136	116	116	111	116	110	108	115	139	116	109
Value	27	31	57	69	76	73	91	86	119	114	113
Alabama:											
Catch	18	30	31	32	35	30	31	25	32	25	21
Value	5	10	21	34	37	35	49	25	43	46	43
Mississippi:											
Catch	368	298	306	288	313	374	379	332	260	379	439
Value	9	11	14	21	26	27	32	25	29	38	48
Louisiana:											
Catch	787	1,107	1,115	1,219	910	1,674	1,529	1,412	1,161	1,697	1,784
Value	37	61	86	135	136	190	199	174	190	231	225
Texas:											
Catch	154	147	86	93	109	99	80	94	108	84	90
Value	36	53	93	127	134	148	159	153	173	184	187
Catch for certain species:											
Crabs	38	36	41	39	48	41	42	45	41	41	41
Menhaden	1,023	1,209	1,197	1,238	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mullet	34	27	26	19	22	27	22	31	32	25	22
Oysters (meats)	19	18	19	22	20	18	15	17	17	24	28
Shrimp	195	230	170	210	265	248	207	208	268	210	198
Great Lakes: [1]											
Catch	56	72	62	67	73	68	49	44	39	36	47
Value	6	6	9	11	10	10	11	14	12	13	14
Superior:											
Catch	9	5	5	6	5	5	(NA)	(NA)	(NA)	(NA)	(NA)
Value	1	1	2	2	2	2	(NA)	(NA)	(NA)	(NA)	(NA)
Michigan:											
Catch	27	53	45	48	55	51	(NA)	(NA)	(NA)	(NA)	(NA)
Value	2	4	4	5	5	4	(NA)	(NA)	(NA)	(NA)	(NA)
Huron:											
Catch	5	2	2	2	2	2	(NA)	(NA)	(NA)	(NA)	(NA)
Value	1	(z)	1	1	1	1	(NA)	(NA)	(NA)	(NA)	(NA)
Erie:											
Catch	14	10	8	9	10	10	(NA)	(NA)	(NA)	(NA)	(NA)
Value	1	1	2	3	3	3	(NA)	(NA)	(NA)	(NA)	(NA)
Pacific Coast:											
Catch	1,147	1,480	1,551	1,771	1,809	1,741	1,925	2,140	2,070	1,872	1,739
Value	148	235	352	538	673	821	1,006	1,025	1,063	964	846
Washington:											
Catch	127	134	146	142	164	138	170	156	185	170	150
Value	18	30	61	72	89	97	115	86	96	90	61
Oregon:											
Catch	69	98	86	95	115	135	128	126	135	128	97
Value	9	23	26	40	45	57	65	56	52	57	39
California:											
Catch	458	703	875	917	856	722	728	804	775	695	529
Value	51	86	135	187	189	226	227	323	275	241	202
Alaska:											
Catch	492	545	445	617	675	746	899	1,054	975	879	964
Value	70	96	130	239	349	439	597	560	640	576	544
Catch for certain species:											
Anchovies	6	193	329	264	223	35	117	107	127	103	22
Bonito	6	9	32	9	23	8	5	14	17	5	8
Crabs	161	126	164	222	268	301	326	347	235	143	118
Flounder	48	46	57	62	59	63	68	60	62	73	66
Halibut	40	34	21	18	17	17	21	19	27	33	45
Herring, sea	35	22	57	43	50	43	66	107	108	129	129
Jack mackerel	67	48	37	45	105	68	35	44	31	58	40
Salmon	327	410	202	310	377	404	536	614	648	607	639
Shrimp	20	93	140	168	154	154	96	98	67	45	21
Tuna	296	378	381	474	319	394	349	387	327	248	245
Mississippi River and tributaries:											
Catch	85	75	72	71	74	58	86	85	85	110	102
Value	8	10	15	14	17	13	15	21	25	34	30
Hawaii:											
Catch	20	11	9	15	13	14	14	11	13	14	29
Tuna catch	17	9	7	12	10	11	12	7	8	10	28
Value	4	4	6	9	10	12	11	12	18	14	18

D Withheld to avoid disclosure. NA Not available. Z Less than $500,000. [1] Collected largely by State fishery agencies, and compiled by National Marine Fisheries Service. Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy Lake.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1229. Fresh and Frozen Fishery Products—Production and Value: 1970 to 1983

[Excludes Alaska and Hawaii, except frozen fishery products includes Alaska and Hawaii]

PRODUCT	PRODUCTION (mil. lb.)						VALUE (mil. dol.)					
	1970	1975	1980	1981 [1]	1982 [1]	1983 [1]	1970	1975	1980	1981 [1]	1982 [1]	1983 [1]
Fish fillets and steaks [2]	133.5	131.9	202.1	205.1	217.6	221.0	74.8	137.9	261.2	305.2	350.6	340.4
Cod	13.6	15.2	31.3	43.3	41.5	50.8	7.4	14.6	43.2	68.6	60.0	66.8
Flounder	46.7	41.9	48.9	50.8	76.2	78.8	28.7	53.1	87.4	98.0	146.5	133.6
Haddock	8.9	8.2	17.2	17.8	13.5	10.3	6.9	12.3	29.0	32.9	24.7	18.4
Ocean perch, Atlantic	16.0	8.4	7.1	4.9	5.2	4.1	4.9	5.7	9.3	7.0	7.3	5.2
Whiting	.8	.1	.6	.2	.1	.1	.3	.1	.5	.2	.1	.1
Rockfish	11.1	5.5	14.2	16.4	17.8	16.5	3.4	3.2	12.8	16.2	19.2	18.8
Pollock, Atlantic	3.7	5.7	8.5	9.1	9.0	12.2	1.3	3.6	8.5	9.7	10.3	12.8
Other	32.7	46.9	74.3	62.6	54.3	48.2	21.9	45.3	70.5	72.6	82.8	84.8
Frozen fishery products	388.3	299.7	228.2	220.7	243.0	186.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Preliminary. [2] Fresh and frozen.

No. 1230. Canned Fishery Products—Production and Value: 1970 to 1983

[Data shown are for natural pack only. See also *Historical Statistics, Colonial Times to 1970,* series L 338–357 (production data in cases) and L 358]

PRODUCT	PRODUCTION (mil. lb.)								VALUE (mil. dol.)							
	1970	1975	1978	1979	1980	1981	1982	1983, prel.	1970	1975	1978	1979	1980	1981	1982	1983, prel.
Total [1]	1,346	1,382	1,598	1,439	1,516	1,495	1,294	1,351	742	1,067	1,884	1,743	1,928	2,013	1,499	1,535
Tuna	438	529	705	620	602	627	539	561	381	653	1,273	1,104	1,144	1,180	918	821
Salmon	183	78	149	149	200	221	120	175	139	110	221	258	376	423	199	325
Clam products	65	76	69	73	77	88	99	97	26	42	60	61	66	72	85	81
Jack mackerel [2]	8	10	32	26	38	36	39	46	2	3	10	8	12	12	15	17
Sardines, Maine	19	26	26	30	20	31	18	13	11	25	36	45	32	55	28	22
Shrimp	25	12	17	10	16	12	8	9	37	28	50	54	80	59	45	54
Crabs	5	3	5	5	5	3	2	2	10	10	19	18	19	19	13	11
Squid	9	8	8	4	4	9	8	(NA)	1	2	2	1	1	3	3	(NA)
Oysters	2	2	1	(z)	(z)	(z)	1	1	2	4	1	1	(z)	1	2	2

NA Not available. Z Less than 500,000 pounds or $500,000. [1] Includes other products, not shown separately. [2] Includes a small amount of Pacific mackerel.

No. 1231. Processed Fishery Products, Production and Value—Summary: 1970 to 1983

[Includes Puerto Rico and American Samoa. See *Historical Statistics, Colonial Times to 1970,* series L 362–365, for meal, scrap, and oil]

PRODUCT	PRODUCTION (mil. lb.[1])						VALUE (mil. dol.)					
	1970	1975	1980	1981	1982	1983, prel.	1970	1975	1980	1981	1982	1983, prel.
Total	(x)	(x)	(x)	(x)	(x)	(x)	1,727	2,651	4,942	4,888	4,509	(NA)
Packaged fresh and frozen	1,158	1,113	1,403	[2] 1,289	1,298	(NA)	800	1,309	2,567	2,527	2,670	(NA)
Fish not breaded:												
Fillets and steaks, raw	134	132	203	205	218	221	75	138	262	305	351	340
Dressed	32	55	40	52	78	(NA)	9	43	58	79	106	(NA)
Other [3]	10	26	48	30	44	(NA)	4	22	37	21	31	(NA)
Fish breaded, raw or cooked:												
Sticks	116	91	88	89	91	86	58	62	89	97	106	114
Fillets, portions, and steaks	296	286	326	331	302	(NA)	137	211	368	397	381	(NA)
Shellfish: Not breaded	328	315	497	415	381	(NA)	343	534	1,302	1,172	1,173	(NA)
Breaded, raw and cooked	119	128	113	119	124	(NA)	129	220	321	362	444	(NA)
Specialties, fish and shellfish	123	80	88	48	60	(NA)	45	79	130	94	78	(NA)
Canned products [4]	1,346	1,382	1,516	1,495	1,294	1,351	742	1,067	1,928	2,013	1,499	1,535
Fish and shellfish	805	799	1,010	1,086	887	953	633	920	1,782	1,878	1,367	1,396
Animal food	540	583	506	409	407	398	105	148	146	135	132	139
Cured fish [5]	71	55	66	43	43	(NA)	77	102	175	135	105	110
Salted (incl. spiced, pickled) [6]	39	30	43	16	17	(NA)	30	44	85	37	32	(NA)
Smoked	31	24	22	25	24	(NA)	43	56	86	92	68	(NA)
Dried (cod) lutefisk [6]	1	1	1	2	2	(NA)	4	2	4	6	5	(NA)
Industrial products	(x)	(x)	(x)	(x)	(x)	(x)	108	173	272	213	235	252
Meal and scrap (mil. tons)	(z)	(z)	(z)	(z)	(z)	(z)	46	66	134	119	123	(NA)
Oil (body and liver)	206	246	313	184	348	399	18	33	58	33	54	(NA)
Fish solubles (mil. tons)	(z)	(z)	(z)	(z)	(z)	(z)	5	9	14	15	16	(NA)
Other	(x)	(x)	(x)	(x)	(x)	(x)	38	67	66	46	42	(NA)

NA Not available. X Not applicable. Z Less than 500,000 tons. [1] Except as indicated. [2] Excludes Alaska. [3] Includes bait and unbreaded portions. [4] Includes salmon eggs for bait. [5] Includes sun-dried and freeze-dried. [6] In 1970 and 1975 dried cod was included in salted.

Source of tables 1229–1231: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1232. Fishery Products—Imports and Exports: 1960 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series L 227-235]

Year	Imports				Exports			
	Total value (mil. dol.)	Edible products		Nonedible, value (mil. dol.)	Total value (mil. dol.)	Edible products		Nonedible, value (mil. dol.)
		Quantity (mil. lb.)	Value (mil. dol.)			Quantity (mil. lb.)	Value (mil. dol.)	
1960	363	1,095	311	53	44	61	26	19
1965	601	1,399	479	121	69	96	49	20
1970	1,037	1,873	813	225	118	140	94	24
1973	1,583	2,416	1,398	185	299	239	242	57
1974	1,711	2,267	1,495	215	262	178	195	67
1975	1,637	1,913	1,367	270	305	218	267	37
1976	2,328	2,228	1,914	414	385	241	330	55
1977	2,634	2,176	2,078	555	520	331	473	47
1978	3,086	2,411	2,256	830	906	448	832	74
1979	3,809	2,359	2,672	1,137	1,084	554	1,022	62
1980	3,648	2,145	2,687	962	1,006	574	904	102
1981	4,206	2,272	3,034	1,172	1,157	669	1,073	84
1982	4,523	2,225	3,202	1,321	1,059	657	999	60
1983, prel.	5,129	2,387	3,627	1,502	1,009	602	908	101

No. 1233. Selected Fishery Products—Imports and Exports: 1980 to 1983

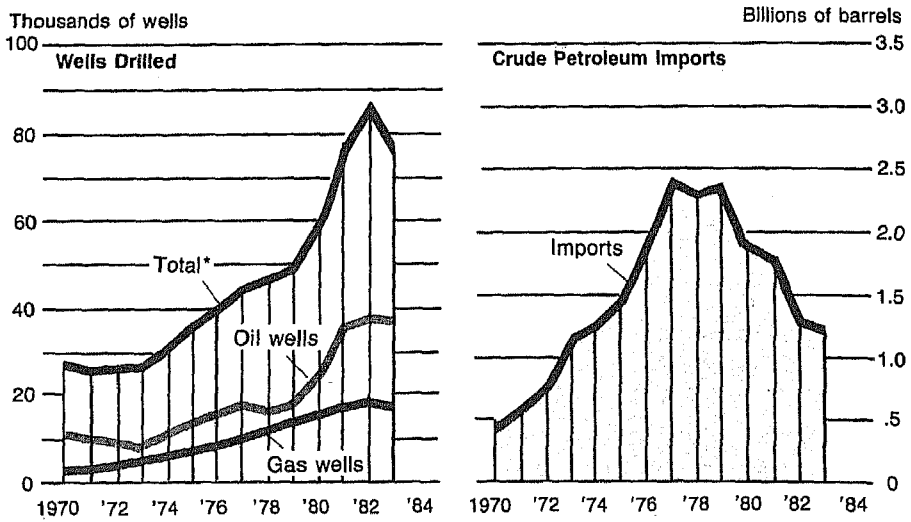
[Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series L 312-318, for selected imports]

Product	Quantity (mil. lb.)				Value (mil. dol.)				Rank of three major foreign sources, 1983
	1980	1981	1982	1983, prel.	1980	1981	1982	1983, prel.	
IMPORTS									
Edible [1]	**2,144.9**	**2,272.5**	**2,225.0**	**2,386.8**	**2,686.7**	**3,034.2**	**3,202.4**	**3,626.7**	(x)
Fresh or frozen	1,866.0	1,988.5	1,921.3	2,051.5	2,319.7	2,640.2	2,806.2	3,211.9	Canada, Japan, Iceland.
Whitefish [2]	8.2	7.5	8.3	9.7	8.0	7.2	7.4	7.4	Canada, Brazil, Uruguay.
Halibut [2]	6.3	6.3	6.7	6.1	9.3	10.1	10.4	11.2	Canada, Japan, Iceland.
Salmon [2]	5.5	6.5	10.4	14.4	13.9	15.9	22.1	33.4	Canada, Norway, Netherlands.
Sea herring	22.0	14.3	28.8	27.7	3.6	3.0	5.1	4.9	Canada, Iceland, Norway.
Smelt	11.3	12.6	14.4	11.9	4.8	6.5	7.5	6.7	Canada, China, Norway.
Tuna	722.7	721.3	558.5	505.2	429.3	478.6	360.7	240.0	Japan, Taiwan, Ghana.
Groundfish fillets, blocks [3]	557.1	601.3	614.2	682.6	545.8	605.2	629.0	708.0	Canada, Iceland, Denmark
Other fillets and steaks	148.2	157.0	145.7	141.5	158.4	194.2	189.0	188.0	Canada, Iceland, Denmark.
Scallops (meats)	20.9	26.2	20.9	34.3	82.0	112.7	73.0	158.7	Canada, Japan, Iceland.
Lobster, American and spiny	50.5	55.8	54.4	63.8	270.6	308.7	315.6	364.0	Canada, Australia, Brazil.
Shrimp and prawn	215.1	218.4	268.5	328.3	711.2	715.0	970.0	1,198.0	Mexico, Ecuador, India.
Canned [1]	212.0	161.6	224.5	257.6	297.0	207.9	308.7	330.4	Thailand, Japan, Philippines.
Anchovies, in oil	4.5	4.3	4.2	3.8	13.2	13.5	11.0	8.1	Spain, Portugal Morocco.
Salmon	.2	.1	.2	.3	.4	.1	.6	1.5	Canada, Japan, United Kingdom.
Sardines, in oil	18.2	18.2	14.1	17.2	24.2	25.1	19.1	21.2	Norway, Yugoslavia, Portugal.
Sardines and herring [4]	38.5	43.2	41.3	23.7	28.4	35.8	30.5	21.5	Japan, Canada, Peru.
Tuna	63.6	70.9	87.6	122.3	97.3	110.4	113.3	137.3	Thailand, Philippines, Japan.
Bonito and yellowtail	.8	.9	.5	.2	.6	.8	.4	.3	Peru, Philippines, Japan.
Crab meat	5.0	5.0	5.7	6.5	12.5	13.2	16.3	20.6	Thailand, Taiwan, Malaysia.
Oysters	17.0	20.4	22.4	21.6	20.3	24.0	26.5	24.8	Rep. of Korea, Hong Kong, Japan.
Lobster, American and spiny	2.2	3.1	3.4	1.2	12.8	20.4	26.1	8.6	Canada, Thailand, Taiwan.
Pickled or salted [1]	53.3	67.9	64.3	60.9	50.4	71.0	62.5	56.1	Canada, Norway, Iceland.
Cod, haddock, hake, pollock, cusk	33.0	45.3	40.8	37.7	36.0	56.2	48.6	42.9	Canada, Norway, Spain.
Herring	16.7	20.1	21.2	20.3	10.4	11.5	10.6	9.8	Canada, Philippines, Sweden.
Nonedible scrap and meal	**99.0**	**118.9**	**168.7**	**135.9**	**15.5**	**20.5**	**25.7**	**21.8**	**Chile, Canada, Panama.**
EXPORTS									
Canned salmon	74.0	63.5	41.2	54.5	150.0	128.6	65.9	97.0	(X)
Canned sardines	1.8	1.7	1.0	1.0	1.4	1.7	.9	.7	(X)
Fish oil, nonedible	**284.0**	**238.3**	**202.3**	**404.1**	**52.4**	**42.6**	**35.7**	**59.8**	(X)

X Not applicable. [1] Includes products not shown separately. [2] Excludes fillets. [3] Includes cod, cusk, haddock, hake, pollock, Atlantic ocean perch, and whiting. [4] Not in oil.

Source of tables 1232 and 1233: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from U.S. Bureau of the Census data.

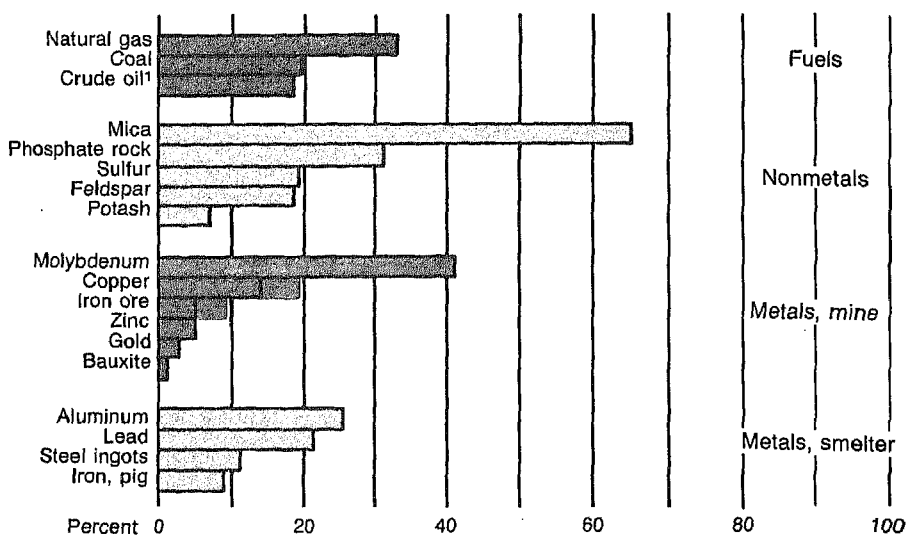
Figure 27.1
Wells Drilled and Imports of Crude Petroleum: 1970 to 1983



* Includes dry holes.

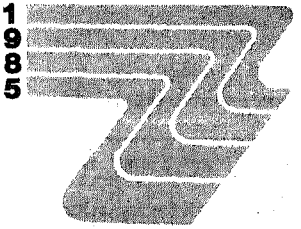
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1249 and 1254.

Figure 27.2
U.S. Mineral Production as Percent of World Total: 1982



¹ Includes natural gas liquids.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1244.



Section 27

Mining and Mineral Products

This section presents data relating to mineral industries and their products, general summary measures of production and employment, and more detailed data on production, prices, imports and exports, consumption, and distribution for specific industries and products. Data on mining and mineral products may also be found in Sections 29 and 33 of this *Abstract;* data on mining employment may be found in Section 14.

"Mining" comprises the extraction of minerals occurring naturally (coal, ores, crude petroleum, natural gas) and quarrying, well operation, milling, refining and processing, and other preparation customarily done at the mine or well site or as a part of extraction activity. (Mineral preparation plants are usually operated together with mines or quarries.) Exploration for minerals is included as is the development of mineral properties.

The principal governmental sources of these data are the three-volume *Minerals Yearbook,* published by the Bureau of Mines, Department of the Interior, and various monthly and annual publications of the Energy Information Administration, Department of Energy. See text, Section 20 for list of Department of Energy publications. In addition, the Bureau of the Census conducts a census of mineral industries every 5 years. Non-government sources include the *Annual Statistical Report* of the American Iron and Steel Institute, Washington, DC; *Metals Week* and the monthly *Engineering and Mining Journal,* issued by the McGraw-Hill Publishing Co., New York, NY; *The Iron Age,* issued weekly by the Chilton Co., Philadelphia, PA; and the *Joint Association Survey of the U.S. Oil and Gas Industry,* conducted jointly by the American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the Geological Survey or by the Bureau of Mines since 1880. Current data in Bureau of Mines publications include quantity and value of nonfuel minerals produced, sold or used by producers, or shipped; quantity of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The U.S. Mine Safety and Health Administration also collects and publishes data on workhours, employment, accidents, and injuries in the mineral industries, except petroleum and natural gas. *In October 1977, mineral fuel data collection activities of the* Bureau of Mines were transferred to the Energy Information Administration.

Censuses of mineral industries have been conducted by the Bureau of the Census at various intervals since 1840. Beginning with the 1967 census, legislation provides for a census to be conducted every fifth year for years ending in "2" and "7." The censuses provide, for the various types of mineral establishments, information on operating costs, capital expenditures, labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series. Included in this series, beginning in 1973, is the *Annual Survey of Oil and Gas.*

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1238. Except for crude petroleum and refined products, the export and import figures include foreign trade passing through the customs districts of United States and Puerto Rico, but exclude shipments between U.S. territories and the customs districts.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1234. Summary of Mineral Operations: 1958 to 1982

[Represents mineral operations only. Beginning 1967, excludes single unit establishments without paid employees. See also *Historical Statistics, Colonial Times to 1970,* series M 1–11]

ITEM	Unit	1958	1963	1967	1972	1977	1982 [1]
Establishments [2]	Number	36,392	38,651	26,579	25,269	31,359	72,842
With 20 or more employees [2]	Number	6,045	5,499	5,682	5,312	6,632	10,201
Including all operations in manufactures	Number	37,966	40,532	29,688	26,178	31,967	(NA)
Excluding oil and gas extraction	Number	19,444	19,290	13,330	11,680	13,520	12,419
Employees, total	1,000	734	616	567	595	799	1,105
Production workers [3]	1,000	565	482	433	443	593	763
All other	1,000	169	134	134	152	206	342
Workerhours, production workers [3]	Million	1,081	973	892	909	1,183	1,581
Workerhours *per* production workers	1,000	1.9	2.0	2.1	2.1	2.0	2.1
Payroll, total	*Mil. dol.*	*3,749*	*3,743*	*4,187*	*6,226*	*13,167*	*28,357*
Wages, production workers [3]	Mil. dol.	2,623	2,680	2,888	4,250	9,082	18,063
Salaries, all other employees	Mil. dol.	1,126	1,063	1,299	1,976	4,085	10,294
Cost of supplies, etc. [4]	Mil. dol.	7,521	8,974	10,576	14,884	46,079	108,256
Value added in mining	Mil. dol.	13,385	15,910	19,330	26,471	68,013	190,061
Metal mining	Mil. dol.	1,180	1,418	1,557	2,382	3,504	3,217
Coal mining	Mil. dol.	1,780	1,727	2,091	3,754	11,266	18,677
Oil and gas extraction	Mil. dol.	9,033	11,020	13,394	17,612	48,587	161,803
Nonmetallic minerals mining	Mil. dol.	1,392	1,745	2,288	2,723	4,656	6,364
Value of shipments and receipts [5]	Mil. dol.	16,373	18,604	22,784	36,319	96,375	251,185
Capital expenditures	Mil. dol.	2,804	3,264	4,058	5,036	17,718	47,133

NA Not available. [1] Preliminary. [2] See footnote 4, table 1237. [3] See footnote 5, table 1237. [4] Includes purchased machinery installed. [5] See footnote 7, table 1237.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1972, 1977* and *1982.*

No. 1235. National Income Originating in Mining: 1965 to 1983

[**In billions of dollars, except percent.** For definition of national income, see text, p. 427. Refers to national income without *capital consumption adjustment. Data represent* net value added at factor costs. See *Historical Statistics, Colonial Times to 1970,* series F 230, for single-year figures prior to revisions issued in 1981]

INDUSTRY	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total mining	**6.1**	**8.0**	**10.5**	**16.0**	**18.6**	**20.9**	**22.8**	**24.2**	**30.1**	**38.5**	**45.1**	**46.5**	**40.0**
Percent of total national income	1.1	1.0	1.0	1.4	1.5	1.5	1.4	1.3	1.5	1.8	1.9	1.9	1.5
Metal mining	.9	1.2	1.5	1.6	1.6	1.8	1.7	2.0	2.8	2.8	3.2	2.0	2.1
Coal mining	1.4	2.3	3.0	5.6	6.5	6.2	6.8	7.1	8.4	8.8	9.3	9.9	8.2
Oil and gas extraction	2.7	3.2	4.1	6.8	8.3	10.7	11.7	12.0	15.7	23.3	29.2	31.3	26.5
Nonmetallic minerals, exc. fuels	1.1	1.3	1.9	2.1	2.2	2.3	2.6	3.1	3.3	3.6	3.4	3.3	3.3

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July issues.

No. 1236. Mining and Primary Metal Production Indexes: 1965 to 1983

[**1967=100.** For a discussion of revisions to the industrial production measures, see Board of Governors of the Federal Reserve, *Industrial Production,* 1976 Revision. See also *Historical Statistics, Colonial Times to 1970,* series M 68–71]

INDUSTRY GROUP	*1965*	*1970*	*1973*	*1974*	*1975*	*1976*	*1977*	*1978*	*1979*	*1980*	*1981*	*1982*	*1983*
Mining	**93.2**	**112.2**	**114.7**	**115.3**	**112.8**	**114.2**	**118.2**	**124.0**	**125.5**	**132.7**	**142.2**	**126.1**	**116.6**
Coal	93.8	108.0	104.8	106.4	113.4	117.2	121.9	114.7	135.6	146.7	141.3	142.7	136.3
Anthracite	120.7	79.2	54.9	50.9	50.1	51.9	50.2	53.4	46.7	43.7	49.2	46.5	37.0
Bituminous	92.6	109.2	106.8	108.7	116.0	119.9	124.9	117.2	139.3	150.9	145.0	146.7	140.3
Oil and gas extraction	90.5	111.6	113.7	114.4	113.3	112.0	118.0	124.6	121.7	133.3	146.8	131.1	116.6
Crude oil and natural gas	88.4	111.6	108.4	103.6	97.9	95.4	95.7	99.1	97.3	97.9	98.2	96.7	95.0
Oil and gas drilling	109.1	108.3	146.5	189.3	222.8	230.1	279.3	315.2	303.8	405.8	523.4	392.4	280.5
Metal mining	114.8	131.9	130.2	125.6	115.8	122.8	105.5	121.0	127.0	109.2	123.1	82.4	80.9
Iron ore	98.5	112.1	112.6	110.4	105.4	105.4	74.3	110.0	117.1	96.6	104.4	51.9	54.3
Nonferrous ores	123.6	149.6	146.0	139.2	125.1	138.4	133.3	130.8	135.7	120.4	139.8	110.0	104.5
Copper ore	140.7	179.0	179.8	167.0	147.0	167.2	158.1	155.6	165.6	134.7	173.5	130.4	121.8
Lead and zinc ores	108.2	122.1	113.9	120.2	111.0	108.5	103.3	89.8	83.9	89.0	77.0	81.7	72.4
Primary metals, manufacturing	**102.1**	**106.6**	**126.7**	**123.1**	**96.4**	**109.7**	**111.1**	**119.9**	**121.3**	**102.3**	**107.9**	**75.3**	**85.4**
Nonferrous metals	95.0	109.9	134.5	129.0	97.5	118.5	124.1	131.9	135.8	119.8	122.4	99.7	110.1
Copper	151.5	162.7	160.5	139.9	123.0	138.2	128.0	135.8	145.9	113.1	135.6	98.1	102.1
Aluminum	84.2	121.6	138.6	150.1	118.8	129.7	138.8	147.0	153.6	156.5	151.4	110.5	113.0
Iron and steel	105.2	104.7	122.3	119.8	95.8	104.8	103.8	113.2	113.2	92.4	99.8	61.7	71.5

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 1237. Mineral Industries—Summary: 1972 to 1982

["All industries" totals for 1982 in this table differ slightly from comparable totals in table 1239. The industry data in this table are consolidated from a series of 12 preliminary reports issued Oct. 1983 through July 1984; whereas the United States totals in table 1239 are based on establishment data processed in June 1984. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series M1–12]

MINERAL INDUSTRY	1972			1977					1982, preliminary								
				Establishments		All employees			Establishments [4]		All employees		Production workers [5]				
	Establishments	All employees, payroll [1] (mil. dol.)	Value added in mining [2] (mil. dol.)	Total	With 20 or more employees	Number [3] (1,000)	Payroll [1] (mil. dol.)	Value added in mining [2] (mil. dol.)	Total	With 20 or more employees	Number [3] (1,000)	Payroll [1] (mil. dol.)	Number (1,000)	Hours [6] (millions)	Wages (mil. dol.)	Value added in mining [2] (mil. dol.)	Value of shipments and receipts [7] (mil. dol.)	Capital expenditures (mil. dol.)
All industries	25,269	6,226	26,471	31,359	6,632	799	13,167	68,013	72,842	10,201	1,105	28,357	763	1,581	18,063	190,061	251,185	47,133
Metal mining	1,014	853	2,382	1,206	328	88	1,485	3,504	1,492	324	68	1,849	47	90	1,224	3,217	5,273	1,176
Iron ores	111	218	702	97	61	19	372	1,046	73	38	12	335	7	13	201	779	1,425	63
Copper ores	181	387	1,025	133	61	33	544	1,067	81	51	22	603	16	30	428	656	1,534	423
Lead and zinc ores	101	72	200	88	41	7	105	329	71	28	4	112	3	6	71	198	318	54
Gold and silver ores	132	30	61	175	20	5	71	151	350	75	10	255	8	15	183	624	719	234
Gold ores and placers	81	20	47	126	8	3	40	78	265	54	8	180	6	11	122	460	505	201
Silver ores	51	10	14	49	12	2	32	83	85	21	3	75	2	5	61	164	214	33
Bauxite	10	4	24	12	6	(Z)	7	31	10	4	(Z)	9	(Z)	(Z)	6	20	30	5
Ferroalloy ores, except vanadium	44	40	137	56	17	6	107	256	69	16	5	150	3	6	88	162	205	126
Metal mining services	172	31	54	270	42	3	52	112	395	22	2	59	2	4	41	89	125	27
Miscellaneous metal ores	263	71	180	375	80	14	227	502	443	90	12	326	9	17	205	689	917	244
Anthracite mining	230	35	68	176	43	4	51	123	175	42	4	70	3	6	58	175	292	23
Anthracite	213	32	63	156	38	3	48	116	152	40	3	67	3	6	56	168	283	23
Anthracite mining services	17	3	5	20	5	(Z)	4	7	23	2	(Z)	3	(Z)	(Z)	2	6	9	(Z)
Bituminous coal, lignite mining	3,365	1,742	3,685	5,275	1,690	242	4,120	11,143	4,984	1,850	247	6,726	198	380	5,183	18,502	28,207	3,199
Bituminous coal and lignite	3,191	1,714	3,626	4,944	1,610	235	4,005	10,837	4,495	1,762	241	6,561	193	369	5,052	18,091	27,643	3,144
Coal mining services, n.e.c	174	29	60	331	80	7	115	306	489	88	7	165	6	11	131	411	564	55
Oil and gas extraction	14,498	2,525	17,612	18,447	3,128	349	5,902	48,587	60,423	6,764	679	17,520	435	942	10,070	161,803	208,248	41,568
Crude petroleum and natural gas	7,609	1,375	14,422	8,573	981	140	2,738	38,327	27,518	1,963	261	7,979	104	218	2,772	127,211	137,431	33,947
Natural gas liquids	680	117	1,019	692	209	13	227	3,286	752	224	14	387	11	23	312	9,441	39,307	1,086
Oil and gas field services	6,209	1,033	2,172	9,182	1,938	196	2,936	6,974	32,159	4,577	404	9,155	320	701	6,986	25,151	31,510	6,536
Drilling oil and gas wells	1,907	422	861	2,625	840	79	1,317	3,307	10,125	1,812	166	4,027	140	297	3,257	11,606	14,220	4,131
Oil and gas exploration services	715	89	212	1,252	116	18	220	545	4,225	385	41	782	33	72	616	2,293	2,936	359
Oil and gas field services, n.e.c	3,587	522	1,079	5,305	982	99	1,399	3,122	17,803	2,380	197	4,346	147	332	3,113	11,252	14,353	2,046
Nonmetallic minerals mining	6,162	1,070	2,723	6,255	1,443	117	1,609	4,656	5,768	1,221	108	2,192	80	163	1,528	6,364	9,164	1,166
Dimension stone [8]	198	13	26	209	23	2	19	39	154	22	2	21	1	2	16	52	66	3
Crushed and broken stone [9]	1,937	388	982	2,055	655	41	543	1,501	1,929	569	37	702	28	57	494	1,865	2,668	279
Sand and gravel [9]	2,929	322	776	2,807	430	31	418	1,017	2,752	344	28	520	21	42	379	1,346	1,880	216
Clay and related minerals [9]	309	78	198	255	103	10	136	358	214	93	10	205	7	16	136	496	868	105
Chemical and fertilizer minerals	204	203	583	205	112	24	372	1,433	183	104	24	603	17	34	396	2,242	3,140	519
Nonmetallic minerals, services	126	11	20	176	33	2	36	70	220	18	2	34	1	3	26	70	101	7
Miscellaneous [9]	459	55	138	548	87	7	87	238	316	71	6	108	5	10	81	294	443	37

Z Less than 500 or 500,000. [1] Gross earnings paid to all employees on payroll. [2] Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures. [3] Excludes proprietors and firm members of unincorporated concerns. [4] Not comparable to prior years for service industries. [5] Represents employees up through the working foreman level engaged in manual work. Includes development and exploration workers. [6] Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent). [7] Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis. [8] Excludes data for dimension stone quarries operated in conjunction with dressing plants. [9] Excludes data for mining included in establishments classified in manufacturing industries.

Source: U.S. Bureau of the Census, *Census of Mineral Industries: 1972, 1977, and 1982*, final industry series reports; 1982 preliminary industry summary series.

NO. 1238. MINERAL PRODUCTION AND VALUE, 1970 TO 1982,

[Data represent production as measured by mine shipments, mine sales, or marketable production

	MINERAL	PRODUCTION QUANTITY							
		Unit	1970	1975	1978	1979	1980	1981	1982
1	**Total mineral production**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2	**Mineral fuels**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3	Coal: Bituminous and lignite	Mil. sh. ton	603	648	665	776	824	818	834
4	Pennsylvania anthracite	Mil. sh. ton	10	6	5	5	6	5	5
5	Natural gas (wet)	*Tril. cu. ft.*	21.92	20.11	19.97	20.47	20.18	19.96	18.52
6	Petroleum (crude)	Mil. bbl. [1]	3,517	3,057	3,178	3,121	3,146	3,129	3,157
7	*Uranium* [2]	*Mil. lb.*	*23.1*	*23.2*	*37.0*	*37.5*	*43.7*	*38.5*	*26.9*
8	**Nonmetallic minerals**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
9	*Abrasive stone* [3]	*Sh. ton*	3,055	2,953	487	2,094	631	2,501	1,285
10	Asbestos	*1,000 sh. ton*	125	99	103	103	88	83	70
11	Asphalt and related bitumens (native) [4]	1,000 sh. ton	1,981	1,902	1,697	1,614	1,252	1,261	(D)
12	Barite	1,000 sh. ton	854	1,318	2,112	2,113	2,245	2,849	1,845
13	Boron minerals	1,000 sh. ton	1,041	1,172	1,554	1,590	1,545	1,481	1,234
14	Bromine	Mil. lb	350	407	447	497	378	377	401
15	*Calcium chloride*	1,000 sh. ton	633	594	773	720	581	705	617
16	Carbon dioxide, natural (estimate)	Mil. cu. ft	1,110	1,070	2,015	2,028	1,628	1,577	2,068
17	Cement: Portland	Mil. sh. ton	73.2	65.2	80.0	79.0	71.6	68.2	61.1
18	*Masonry*	Mil. sh. ton	3.0	2.9	4.1	3.7	3.0	2.7	2.4
19	Clays	Mil. sh. ton	54.9	49.0	56.8	54.7	48.8	44.4	35.3
20	Diatomite	1,000 sh. ton	598	573	651	717	689	687	613
21	*Emery*	*1,000 sh. ton*	(D)	3.5	(D)	10.0	(D)	(D)	(D)
22	Feldspar	1,000 sh. ton	726	670	735	740	710	665	615
23	Fluorspar	1,000 sh. ton	269	140	129	109	93	115	77
24	*Garnet (abrasive)*	*1,000 sh. ton*	18.8	17.2	29.7	21.2	26.9	25.5	27.3
25	Gem stones (estimate)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26	Gypsum	Mil. sh. ton	9.4	9.8	14.9	14.6	12.4	11.5	10.5
27	*Helium* [5]	*Mil. cu. ft.*	*4,600*	*1,079*	*1,550*	*1,617*	*1,458*	*1,398*	*1,248*
28	Lime	Mil. sh. ton	19.7	19.1	20.4	20.9	19.0	18.9	14.1
29	Magnesium compounds [7]	1,000 sh. ton	708	(D)	(D)	(D)	(D)	(D)	(D)
30	Mica: Scrap	1,000 sh. ton	119	135	182	134	116	133	106
31	Sheet	1,000 lb	–	5.0	(D)	–	–	–	–
32	Peat	1,000 sh. ton	526	746	750	798	788	757	730
33	Perlite	1,000 sh. ton	456	512	641	660	638	591	506
34	Phosphate rock	Mil. sh. ton	38.7	48.8	55.2	56.9	60.0	59.1	41.2
35	Potash [8]	1,000 sh. ton	2,729	2,094	2,543	2,632	2,444	2,103	1,967
36	Pumice	1,000 sh. ton	3,036	3,892	1,208	1,172	543	499	416
37	Pyrites	1,000 lg. ton	(D)	625	766	1,032	834	784	665
38	*Salt (common)*	*Mil. sh. ton*	45.9	41.0	42.9	45.8	40.4	38.9	37.9
39	Sand and gravel	Mil. sh. ton	944	789	996	979	793	720	626
40	Sodium carbonate (natural)	1,000 sh. ton	2,688	4,328	6,790	(D)	(D)	(D)	(D)
41	Sodium sulfate (natural)	*1,000 sh. ton*	602	667	605	533	563	608	(D)
42	Stone [9]	Mil. sh. ton	869	901	1,051	1,101	982	874	791
43	Sulfur: Frasch mines (shipments)	1,000 lg. ton	6,504	6,077	5,645	7,388	7,283	5,817	3,541
44	Talc, soapstone, pyrophyllite	1,000 sh. ton	1,028	965	1,384	1,453	1,473	1,349	1,135
45	Tripoli	1,000 sh. ton	68	81	119	116	121	107	113
46	*Vermiculite*	1,000 sh. ton	285	330	337	346	337	320	316
47	Nonmetallic minerals, undistributed [10]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
48	**Metals**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
49	Antimony ore and concentrate	Sh. ton [11]	1,130	886	(D)	722	343	646	503
50	Bauxite (dried)	1,000 lg. ton [12]	2,082	1,772	1,643	1,792	1,534	1,486	720
51	Copper [2]	1,000 sh. ton	1,720	1,413	1,496	1,591	1,302	1,696	1,256
52	Gold [2]	1,000 fine oz	1,743	1,052	999	964	970	1,379	1,447
53	Iron ore, usable [13]	Mil. lg. ton [14]	87.2	75.7	83.2	86.1	69.6	72.2	35.8
54	Lead [2]	1,000 sh. ton	572	621	584	579	607	491	565
55	Manganiferous ore [15]	1,000 sh. ton [14]	368	159	312	241	174	175	32
56	*Mercury*	*76 lb. flask*	27,296	7,366	24,163	29,519	30,657	27,904	25,760
57	Molybdenum [16]	Mil. lb	110	105	131	144	149	119	78
58	Nickel [17]	1,000 sh. ton	15.9	17.0	13.5	15.1	14.7	12.1	3.2
59	*Silver* [2]	*Mil. fine oz*	45.0	34.9	39.4	37.9	32.3	40.7	40.2
60	Titanium concentrate: Ilmenite [2]	1,000 sh. ton [14]	921	702	581	646	594	524	233
61	*Tungsten ore and concentrate*	1,000 lb. [18]	9,312	5,490	6,901	6,646	6,036	7,815	3,473
62	Vanadium [2]	Sh. ton	5,319	4,743	4,272	5,520	4,606	5,126	4,098
63	Zinc [2]	1,000 sh. ton	534	469	334	295	350	344	334
64	*Metals, undistributed* [10]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

– Represents zero. D Withheld to avoid disclosing individual company data. NA Not available. X Not applicable. [1] 42 gal. bbl. [2] *Recoverable content of ores, etc.* [3] Grindstones, pulpstones, millstones, grinding pebbles, sharpening stones, and tubemill liners. [4] Contains bituminous limestone and sandstone, and gilsonite. [5] Value included in "Nonmetallic minerals, undistributed." [6] 1970–1981, crude and refined; 1982, refined only. [7] From sea water and brines, *except for metals* (M_gO equiv.). [8] K_2O equivalent. [9] Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate.

AND PRINCIPAL PRODUCING STATES, 1982

(including consumption by producers). See *Historical Statistics, Colonial Times to 1970*, series M 13-37 for selected values]

PRODUCTION VALUE (mil. dol.)							Principal producing States ranked by quantity, 1982	
1970	1975	1978	1979	1980	1981	1982		
28,369.7	**59,906.9**	**82,077.0**	**106,893.0**	**147,021.0**	**187,126.0**	**179,086.0**	(x).	1
18,800.0	45,422.0	62,262.0	82,919.0	121,616.0	161,899.0	159,395.0	(x).	2
3,770.0	12,470.0	14,490.0	18,360.0	20,200.0	21,510.0	22,620.0	KY, WV, WY, PA, IL.	3
110.0	200.0	180.0	200.0	260.0	240.0	230.0	PA.	4
3,730.0	9,050.0	18,180.0	24,160.0	32,090.0	39,510.0	45,560.0	TX, LA, OK, NM.	5
11,190.0	23,450.0	28,600.0	39,450.0	67,930.0	99,400.0	90,030.0	TX, AK, LA, CA.	6
(NA)	252.0	812.0	749.0	1,136.0	1,239.0	955.0	NM, WY, TX.	7
5,791.2	**9,570.0**	**13,517.0**	**15,438.0**	**16,213.0**	**16,385.0**	**14,147.0**	(x).	8
.6	1.1	1.3	2.1	1.9	1.1	.6	AR, WI, OH.	9
10.7	14.2	26.0	28.9	30.6	30.7	24.9	CA and VT.	10
8.9	17.8	19.3	25.6	25.0	27.7	(D)	UT.	11
12.8	21.2	44.0	53.6	66.0	102.4	69.5	NV, MO, AR, GA.	12
86.8	158.8	279.9	310.2	366.8	435.4	384.6	CA.	13
60.6	113.1	100.0	114.5	95.4	90.2	102.6	AR and MI.	14
15.2	29.0	53.9	51.9	47.9	61.7	61.5	MI and CA.	15
.2	.3	2.6	3.2	2.6	2.6	3.4	CO, NM, CA.	16
1,268.7	2,015.6	3,239.6	3,650.4	3,613.3	3,515.6	3,084.4	TX, CA, PA, MI.	17
67.5	111.8	208.6	204.8	188.5	161.8	145.2		18
267.9	424.6	717.3	846.1	898.9	988.6	825.1	GA, TX, WY, CA.	19
32.6	45.8	72.4	90.3	100.6	113.0	107.6	CA, NV, WA, OR.	20
(5)	(5)	(5)	.2	(5)	(5)	(5)	NY.	21
9.6	11.7	18.2	21.5	23.2	21.0	20.3	NC, CO, GA, CA.	22
13.9	10.9	13.3	12.2	12.6	18.4	13.3	IL, TX, NV.	23
1.9	1.7	2.3	1.5	1.9	2.1	2.3	ID, NY, ME.	24
2.4	13.9	8.9	8.2	6.9	7.6	7.2	(NA)	25
35.1	44.7	92.7	99.9	103.1	98.1	89.1	TX, OK, IA, CA.	26
64.2	23.9	31.9	31.3	30.2	33.9	42.4	KS, TX, NM.	27
286.2	523.8	749.7	862.5	842.9	884.2	696.2	OH, MO, KY, PA.	28
62.4	(5)	(5)	(5)	(5)	(5)	(5)	MI, CA, FL, TX.	29
2.5	5.2	8.0	7.7	6.3	8.2	6.3	NC, NM, SC, GA.	30
–	(Z)	(5)	–	–	–	–	(x).	31
6.0	12.3	13.0	15.5	16.2	18.8	16.7	MI, FL, IN, IL.	32
4.9	7.3	13.7	16.4	16.5	17.5	16.0	NM, AZ, CA, ID.	33
203.2	1,122.2	928.8	1,045.7	1,256.9	1,438.0	950.3	FL, ID, NC, TN.	34
98.1	223.1	226.5	279.2	353.9	328.9	265.6	NM, UT, CA.	35
4.7	11.2	4.8	4.9	4.3	4.3	3.8	OR, NM, CA, ID.	36
(5)	4.8	12.3	17.1	13.8	49.2	41.9	TN, CO, AZ.	37
304.8	368.1	499.3	538.4	656.2	637.6	671.1	LA, TX, NY, OH.	38
1,115.7	1,416.3	2,302.0	2,427.0	2,289.0	2,260.3	2,022.9	CA, TX, AK, OH.	39
56.3	182.6	371.3	(5)	(5)	(5)	(5)	WY and CA.	40
10.9	27.7	27.9	29.7	36.4	43.2	(5)	CA, TX, UT.	41
1,474.9	2,120.3	2,885.7	3,398.7	3,393.5	3,275.4	3,063.4	TX, FL, PA, IL.	42
151.8	304.8	279.9	449.4	720.5	715.7	434.7	TX and LA.	43
7.8	8.9	15.8	20.4	25.6	31.5	27.2	MT, VT, TX, NY.	44
.5	.6	.8	6.3	.7	.6	.7	IL, OK, AR, PA.	45
6.5	13.8	19.7	22.0	23.5	26.2	28.5	MT, SC, VA.	46
34.4	157.2	222.6	740.3	941.2	933.5	917.4	(x).	47
3,778.5	**4,914.9**	**6,298.0**	**8,536.0**	**8,921.0**	**8,842.0**	**5,544.0**	(x).	48
(12)	2.1	(12)	(12)	(12)	(12)	(12)	ID and MT.	49
30.1	25.1	23.2	24.9	22.4	26.5	12.3	AR, AL, GA.	50
1,984.5	1,814.8	1,990.3	2,960.7	2,666.9	2,886.4	1,866.9	AZ, UT, NM, MT.	51
63.4	169.9	193.3	296.6	594.1	633.9	543.9	NV, SD, UT, MT.	52
941.7	1,620.6	2,390.1	2,814.0	2,543.5	2,914.7	1,491.7	MN, MI, CA, WY.	53
178.6	267.2	393.5	609.9	515.2	358.8	288.5	MO, ID, CO, NY.	54
(12)	1.4	3.1	2.9	2.4	2.9	.3	MN and SC.	55
11.1	1.2	3.7	8.3	11.9	11.5	(12)	NV.	56
190.1	259.3	607.9	871.1	1,344.2	945.5	514.8	CO, AZ, NV, UT.	57
(12)	(12)	(12)	(12)	(12)	(12)	(12)	OR.	58
79.7	154.4	212.7	420.3	667.3	427.9	319.9	ID, AZ, MT, UT.	59
18.6	26.9	25.6	33.0	32.0	37.0	19.1	FL, NY, NJ.	60
23.8	29.1	56.7	55.8	50.6	62.2	22.1	CA, CO, NV, MT.	61
34.9	49.3	56.8	73.9	64.4	71.5	52.6	CO, UT, ID, AK.	62
163.7	366.1	206.9	219.8	261.7	306.9	254.7	TN, MO, NY, PA.	63
58.4	127.5	133.8	145.0	144.8	156.2	157.6	(x).	64

[10] Comprises value of items that cannot be disclosed. [11] Antimony content. [12] Included with "Metals, undistributed." [13] Dried equivalent. [14] Represents shipments excluding byproduct iron sinter. [15] Gross weight. [16] 5 to 35 percent manganiferous ore. [17] Content of concentrate. [18] Content of ore and concentrate. [19] Tungsten content.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and beginning 1978 for mineral fuels, U.S. Energy Information Administration, *Annual Energy Review*.

No. 1239. Mineral Industries—States: 1972 to 1982

[Represents establishments classified in the mineral industries only. Excludes data for stone, sand and gravel, clay and gypsum mines operated as parts of manufacturing establishments. See headnote, table 1237. For composition of regions, see fig. 1 inside front cover]

Region, division, and state	1972		1977		1982, prel.				
					Establishment		All employees		
	All employees (1,000)	Value added in mining (mil. dol.)	All employees (1,000)	Value added in mining (mil. dol.)	Total	With 20 employees or more	Number (1,000)	Payroll (mil. dol.)	Value added in mining (mil. dol.)
U.S.[1]	**595.1**	**26,471**	**798.8**	**68,013**	**72,990**	**10,168**	**1,105.1**	**28,330**	**190,237**
Region:									
Northeast	58.7	1,155	65.6	2,576	3,018	556	65.7	1,667	3,813
Midwest	97.6	2,983	117.1	6,545	12,557	1,143	134.8	*3,383*	*14,825*
South	320.3	17,117	449.3	45,061	45,220	6,525	674.9	16,866	120,924
West	120.4	5,215	163.6	13,588	12,123	1,910	225.2	6,264	47,942
N. Eng	**3.8**	**76**	**3.8**	**99**	**346**	**56**	**4.7**	**124**	**211**
ME	.3	6	.3	5	28	2	.2	4	10
NH	.2	6	.2	8	28	3	.3	7	18
VT	.8	14	.7	25	46	12	.8	*15*	*36*
MA	1.5	28	1.3	32	124	14	1.2	28	78
RI	.3	4	.1	5	21	3	.3	6	20
CT	.7	18	1.2	24	99	22	1.9	64	49
Mid. Atl	**52.9**	**1,079**	**61.8**	**2,477**	**2,672**	**500**	**61.0**	**1,543**	**3,602**
NY	7.7	154	7.1	218	599	72	9.5	259	442
NJ	3.3	78	3.0	93	173	42	*3.5*	*103*	151
PA	41.9	847	51.7	2,166	1,900	386	48.0	1,181	3,009
E. No. Cent	**60.8**	**1,592**	**75.7**	**3,782**	**5,722**	**866**	**82.8**	**2,127**	**8,118**
OH	20.1	465	27.6	1,181	2,183	252	28.6	699	2,668
IN	6.3	211	8.4	392	707	98	10.3	266	789
IL	20.5	546	25.8	1,163	1,661	201	31.2	843	2,632
MI	11.4	306	11.3	939	940	91	10.8	*280*	*1,936*
WI	2.5	64	2.6	87	211	24	1.9	39	91
W. No. Cent	**36.8**	**1,391**	**41.4**	**2,783**	**6,835**	**477**	**52.0**	**1,256**	**6,707**
MN	11.7	498	11.5	699	173	36	9.2	249	605
IA	2.5	53	2.9	88	218	24	2.1	32	116
MO	8.9	218	8.1	396	390	64	7.8	196	370
ND	1.5	84	2.5	325	1,033	101	0.4	222	2,030
SD	1.8	32	2.4	68	146	9	2.2	49	161
NE	1.5	40	1.8	73	432	23	2.2	43	245
KS	8.9	466	12.2	1,134	*4,443*	220	20.1	465	3,180
So. Atl	**92.4**	**2,174**	**117.6**	**5,406**	**4,046**	**1,045**	**113.9**	**2,721**	**9,457**
DE	} 2.2	58	2.3	79	} 32	3	.2	5	3
DC									
MD					145	30	2.6	59	183
VA	16.8	360	23.2	1,016	916	281	24.5	535	1,524
WV	53.0	1,195	69.6	2,820	*2,095*	*495*	62.8	*1,671*	*4,757*
NC	3.3	71	3.7	111	183	59	4.0	67	206
SC	1.5	34	1.5	47	82	27	1.6	25	80
GA	6.6	158	7.4	294	219	74	7.7	143	447
FL	8.0	298	9.9	1,039	374	76	10.5	216	2,257
E. So. Cent	**51.9**	**1,428**	**77.0**	**4,167**	**4,403**	**871**	**89.7**	**2,135**	**8,728**
KY	30.2	780	47.8	2,515	*2,133*	*524*	*55.4*	*1,365*	*4,280*
TN	7.3	152	9.1	378	548	118	9.0	186	612
AL	8.8	264	14.1	787	591	115	15.8	372	1,980
MS	5.6	232	6.0	507	1,131	114	9.5	212	1,856
W. So. Cent	**178.0**	**13,515**	**254.7**	**35,468**	**36,771**	**4,609**	**470.7**	**12,010**	**102,739**
AR	3.7	142	4.7	395	853	58	5.3	115	1,044
LA	49.6	5,529	63.1	11,981	*5,595*	*972*	102.7	*2,706*	*32,484*
OK	26.9	1,133	43.5	3,418	9,131	1,053	102.0	2,609	13,591
TX	95.8	6,711	143.4	19,674	21,192	2,526	260.7	6,580	55,620
Mt	**85.3**	**3,367**	**119.9**	**8,668**	**9,225**	**1,299**	**157.7**	**4,236**	**22,217**
MT	5.6	169	5.9	560	1,148	87	8.5	214	1,749
ID	2.8	51	3.3	144	190	29	2.7	76	194
WY	11.5	679	22.7	2,282	2,091	323	*34.1*	*939*	*6,837*
CO	13.5	409	22.7	1,179	2,804	390	46.0	1,320	3,769
NM	16.2	958	23.5	2,689	1,578	247	26.0	643	6,796
AZ	21.1	*625*	21.0	751	296	52	16.6	429	744
UT	11.4	*372*	16.7	911	784	120	17.4	463	1,670
NV	3.2	104	4.1	152	334	51	6.4	152	458
Pac	**35.1**	**1,848**	**43.7**	**4,920**	**2,898**	**611**	**67.5**	*2,028*	*25,725*
WA	1.9	46	2.0	85	251	23	2.9	69	239
OR	1.3	38	1.3	59	221	19	1.4	27	80
CA	29.0	1,401	34.8	3,552	2,181	479	49.7	1,410	11,779
AK	2.6	354	5.5	1,216	232	85	13.3	516	13,612
HI	.3	9	.1	8	13	5	.2	6	15

[1] Includes offshore areas not associated with a State.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1977, General Summary, MIC 77-SR-1* and 1982 preliminary State summary series.

NO. 1240. MINERAL PRODUCTION—VALUE, 1975 TO 1982, AND PRINCIPAL MINERALS IN ORDER OF VALUE, 1982, BY STATE

[In millions of dollars. Data for States will not add to total because State and U.S. totals were independently derived. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	1975	1979	1980	1981	1982			
					Total	Fuels	Non-fuels	Principal minerals in order of value
U.S.	**59,907**	**106,893**	**147,021**	**187,126**	**179,086**	**159,395**	**19,691**	Petroleum, natural gas (wet), coal.
Region:								
Northeast	3,611	4,678	4,710	4,869	4,697	3,204	1,493	(X)
Midwest	8,216	14,591	16,286	18,622	16,883	12,132	4,751	(X)
South	38,473	50,126	78,072	108,397	108,976	102,660	6,316	(X)
West	11,963	14,574	39,262	(D)	47,339	40,215	7,124	(X)
N.E	**181**	**293**	**268**	**279**	**258**	–	**258**	(X)
ME	37	46	37	43	35	–	35	Sand and gravel, cement, stone.
NH	17	23	25	23	23	–	23	Sand and gravel, stone, clays.
VT	29	54	43	54	50	–	50	Stone, sand and gravel, asbestos.
MA	59	93	91	95	89	–	89	Stone, sand and gravel, lime.
RI	6	8	6	5	5	–	5	Sand and gravel, stone, gem stones.
CT	33	69	66	59	56	–	56	Stone, sand and gravel, feldspar.
M.A	**3,430**	**4,385**	**4,442**	**4,590**	**4,439**	**3,204**	**1,235**	(X)
NY	398	497	557	555	587	87	500	Stone, salt, cement.
NJ	124	152	149	149	132	–	132	Stone, sand and gravel, zinc.
PA	2,908	3,736	3,736	3,886	3,720	3,117	603	Coal, cement, stone.
E.N.C	**4,813**	**7,935**	**9,005**	**9,538**	**9,269**	**7,066**	**2,203**	(X)
OH	1,356	2,147	2,390	2,439	2,444	1,994	450	Coal, petroleum, natural gas.
IN	542	957	1,106	1,103	1,174	959	215	Coal, petroleum, stone.
IL	1,491	2,346	2,770	2,790	3,009	2,619	390	Coal, petroleum, stone.
MI	1,292	2,306	2,587	3,054	2,530	1,494	1,036	Petroleum, iron ore, natural gas.
WI	132	180	152	152	112	--	112	Stone, sand and gravel, lime.
W.N.C	**3,403**	**6,656**	**7,281**	**9,084**	**7,614**	**5,066**	**2,548**	(X)
MN	1,097	2,068	1,782	2,155	1,110	–	1,110	Iron ore, sand and gravel, stone.
IA	196	292	265	247	231	12	219	Stone, cement, sand and gravel.
MO	723	1,275	1,172	1,000	877	143	734	Lead, cement, stone.
ND	202	506	801	1,882	1,807	1,794	13	Petroleum, coal, natural gas.
SD	102	172	250	233	180	44	136	Gold, cement, stone.
NE	112	204	272	322	298	218	80	Petroleum, cement, sand and gravel.
KS	971	2,140	2,740	3,245	3,111	2,855	256	Petroleum, natural gas, cement.
S.A	**7,191**	(D)	**10,528**	**11,496**	**10,674**	**7,769**	**2,905**	(X)
DE	2	3	2	3	3	–	3	Magnesium compounds, sand and gravel, clays.
MD	165	261	293	313	293	122	171	Coal, stone, cement.
VA	1,262	1,657	1,708	1,766	1,640	1,377	263	Coal, stone, cement.
WV	3,390	4,248	4,860	4,992	5,490	5,414	76	Coal, natural gas, petroleum.
NC	153	342	380	373	257	–	257	Stone, phosphate, lithium.
SC	115	202	195	206	194	–	194	Cement, stone, clays.
GA	333	(D)	771	801	718	–	718	Clays, stone, cement.
FL	1,771	1,965	2,317	3,042	2,079	856	1,223	Petroleum, phosphate, stone.
E.S.C	**4,541**	**7,449**	**8,316**	**10,155**	**9,693**	**8,735**	**958**	(X)
KY	2,739	4,291	4,498	5,142	5,029	4,822	207	Coal, petroleum, stone.
TN	423	651	674	771	639	260	379	Coal, stone, zinc.
AL	969	1,647	1,994	2,442	2,338	2,039	299	Coal, petroleum, natural gas.
MS	410	860	1,150	1,800	1,687	1,614	73	Petroleum, natural gas, sand & gravel.
W.S.C	**26,741**	**42,677**	**59,228**	**90,283**	**88,509**	**86,156**	**2,453**	(X)
AR	436	709	787	1,089	1,095	839	256	Petroleum, natural gas, bromine.
LA	8,513	14,138	16,396	30,673	31,364	30,946	418	Natural gas, petroleum, sulfur.
OK	2,267	4,548	7,336	9,719	10,762	10,537	225	Natural gas, petroleum, coal.
TX	15,525	23,282	34,710	48,802	45,368	43,834	1,554	Petroleum, natural gas, cement.
Mt	**8,014**	**14,574**	**18,862**	**24,166**	(D)	(D)	**5,072**	(X)
MT	573	1,044	1,331	1,908	1,732	1,465	267	Petroleum, coal, natural gas.
ID	234	438	522	425	300	–	300	Silver, phosphate, lead.
WY	1,644	3,136	5,133	7,372	6,885	6,217	668	Petroleum, coal, natural gas.
CO	958	1,824	2,544	2,867	2,678	2,040	638	Petroleum, natural gas, coal.
NM	2,092	3,986	4,789	6,403	5,520	5,088	432	Natural gas, petroleum, coal.
AZ	1,288	2,495	2,476	2,563	(D)	[1] 1	1,619	Copper, molybdenum, cement.
UT	966	1,376	1,661	2,104	2,096	1,474	622	Petroleum, coal, copper.
NV	259	274	408	524	541	15	526	Gold, molybdenum, barite.
Pac	**3,949**	(D)	**20,400**	(D)	(D)	(D)	**2,052**	(X)
WA	159	(D)	207	(D)	(D)	(D)	172	Cement, sand and gravel, stone.
OR	106	165	152	140	108	–	108	Stone, sand and gravel, lime.
CA	3,153	6,628	10,483	13,238	12,627	11,015	1,612	Petroleum, natural gas, cement.
AK	481	5,732	9,498	14,357	(D)	[1] 12,608	113	Petroleum, natural gas, sand and gravel.
HI	50	64	60	57	47	–	47	Stone, cement, sand and gravel.

– Represents zero. D Withheld to avoid disclosing individual company data. X Not applicable. [1] Excludes coal.

Source: U.S. Bureau of the Census. Compiled from data from U.S. Bureau of Mines and U.S. Energy Information Administration.

NO. 1241. MINERAL PRODUCTION VALUE—SUMMARY: 1970 TO 1982

[In billions of dollars]

TYPE	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Fossil fuels:												
Production	18.8	20.6	23.2	36.1	45.2	49.3	55.5	61.5	82.2	120.5	160.7	158.4
Imports	3.0	4.7	8.1	27.1	26.4	33.9	44.2	42.2	60.0	78.8	80.2	64.3
Exports	1.6	1.5	1.7	3.4	4.4	4.2	4.2	3.8	5.6	7.7	9.0	11.4
Metals:												
Production	3.8	3.6	4.4	5.5	4.9	6.1	5.2	6.3	8.5	8.9	8.8	5.5
Imports	1.2	1.0	1.1	1.8	1.6	1.6	1.5	(NA)	1.8	2.1	2.3	(NA)
Exports	.3	.2	.3	.3	.4	.4	.5	(NA)	1.3	1.7	1.2	(NA)
Nonmetals:												
Production	5.8	6.5	7.4	8.7	9.6	10.6	11.7	13.5	15.4	16.2	16.4	14.1
Imports	.6	.6	.8	1.2	1.2	1.2	1.5	(NA)	2.3	2.6	2.9	(NA)
Exports	.2	.2	.3	.5	.7	.6	.7	(NA)	1.8	2.3	1.8	(NA)

NA Not available.

Source: U.S. Bureau of Mines, *Minerals Yearbook,* annual, and U.S. Energy Information Administration, *Annual Energy Review.*

NO. 1242. SELECTED MINERAL PRODUCTS—AVERAGE PRICES: 1960 TO 1983

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970,* series M 96, M 139, M 209, M 248, and M 262, for bituminous coal, crude petroleum, iron ore, lead, and aluminum, respectively]

YEAR	Iron ore pellets [1] (cents/l. ton, unit, iron)	Copper, electro-lytic [2] (cents per lb.)	Platinum [3] (dol./ troy oz.)	Gold (dol./ fine oz.)	Silver (dol./ fine oz.)	Lead [4] (cents per lb.)	Tin (New York) [5] (cents per lb.)	Zinc [6] (cents per lb.)	Sulfur, crude [7] (dol./ long ton)	Bitumi-nous coal [8] (dol./ short ton)	Crude petro-leum [8] (dol./ bbl.)	Natural Gas [8] (dol./ thous. cu. ft.)
1960	(NA)	32.5	83	35.00	.91	11.9	101.4	13.0	23.13	4.89	2.88	.14
1965	25.2	35.4	100	35.00	1.29	16.0	178.2	14.5	22.47	4.44	2.86	.16
1970	26.6	58.2	133	36.41	1.77	15.6	174.2	15.3	23.14	6.26	3.18	.17
1971	28.0	52.0	121	41.25	1.55	13.9	167.3	16.1	17.47	7.07	3.39	.18
1972	28.0	51.2	121	58.60	1.69	15.0	177.5	17.8	17.03	7.66	3.39	.19
1973	29.4	59.5	150	97.81	2.56	16.3	227.6	20.7	17.84	8.53	3.89	.22
1974	40.6	77.3	181	159.74	4.71	22.5	396.3	36.0	28.88	15.75	6.87	.30
1975	47.2	64.2	164	161.49	4.42	21.5	339.8	39.0	45.63	19.23	7.67	.45
1976	53.1	69.6	162	125.32	4.35	23.1	379.8	37.1	46.45	19.43	8.19	.58
1977	55.5	66.8	162	148.31	4.62	30.7	534.6	34.4	45.09	19.82	8.57	.79
1978	60.9	66.5	237	193.55	5.40	33.7	629.6	31.0	[9] 45.17	21.78	9.00	.91
1979	67.8	93.3	352	307.50	11.09	52.6	753.9	37.3	[9] 55.75	23.65	12.64	1.18
1980	73.7	102.4	439	612.56	20.63	42.5	846.0	37.4	[9] 89.06	24.52	21.59	1.59
1981	80.5	85.1	475	459.64	10.52	36.5	733.1	44.6	[9] 111.48	26.29	31.77	1.98
1982	80.5–86.9	74.3	475	375.91	7.95	25.5	653.9	38.5	[9] 108.27	27.14	28.52	2.46
1983, prel.	80.5–86.9	79.3	475	424.00	11.44	21.7	654.8	41.4	[9] 90.62	28.00	26.19	2.60

NA Not available. [1] Lower Great Lakes ports. Price as of end of year per long ton unit of contained iron, natural, delivered rail of vessel, Lake Superior ore. [2] Domestic market. [3] Average annual producer prices. [4] 1960–1971, New York prices; beginning 1972, nationwide delivered basis. [5] Straits tin through 1975; thereafter, composite price. [6] Prime western. Beginning 1971, delivered price. [7] F.O.B. works. [8] Average value at the point of production; includes Alaska. Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review.*

[9] Per metric ton.

Source: 1960–1974 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook and Mineral Commodity Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook* and *Mineral Commodity Summaries.*

NO. 1243. MINERAL INDUSTRIES—EMPLOYMENT, HOURS, AND EARNINGS: 1980 TO 1983

ITEM	Unit	1980	1981	1982	1983
All mining:					
All employees	1,000	1,027	1,139	1,128	957
Production workers	1,000	762	841	821	678
Avg. weekly earnings	Dol	397	439	460	479
Avg. hourly earnings	Dol	9.17	10.04	10.77	11.27
Avg. weekly hours	No	43.3	43.7	42.7	42.5
Coal mining:					
All employees	1,000	246	245	237	195
Production workers	1,000	204	186	194	157
Avg. weekly earnings	Dol	435	482	506	548
Avg. hourly earnings	Dol	10.86	11.89	12.66	13.72
Average weekly hours	No	40.5	40.5	40.0	40.0
Oil and gas extraction:					
All employees	1,000	560	692	708	600
Production workers	1,000	389	486	491	400
Avg. weekly earnings	Dol	390	433	453	464
Production workers—Con.					
Avg. hourly earnings	Dol	8.59	9.50	10.25	10.65
Average weekly hours	No.	45.4	45.6	44.2	43.6
Metal mining:					
All employees	1,000	98	104	73	57
Production workers	1,000	74	78	53	41
Avg. weekly earnings	Dol	416	468	484	494
Avg. hourly earnings	Dol	10.26	11.55	12.31	12.57
Average weekly hours	No	40.5	40.5	39.3	39.3
Nonmetallic minerals, except fuels:					
All employees	1,000	123	119	110	106
Production workers	1,000	96	91	83	80
Avg. weekly earnings	Dol	328	356	380	406
Avg. hourly earnings	Dol	7.52	8.28	8.90	9.31
Average weekly hours	No	43.6	43.0	42.7	43.6

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings, United States 1909–78,* and *Supplement to Employment and Earnings, Revised Establishment Data,* July 1984.

NO. 1244. PRINCIPAL FUELS, NONMETALS, AND METALS—U.S. PRODUCTION AS PERCENT OF WORLD PRODUCTION: 1970 TO 1982

MINERAL	Unit	WORLD PRODUCTION 1970	1975	1980	1981	1982 prel.	PERCENT U.S. OF WORLD 1970	1975	1980	1981	1982 prel.
Fuels: [1]											
Coal	Bil. sh. ton	3.3	3.7	4.2	4.2	4.4	18	18	20	19	19
Petroleum (crude)	Bil. bbl	16.7	19.3	21.8	20.4	19.4	21	16	14	15	16
Natural gas (dry, marketable)	Tril. cu. ft	37.7	44.7	53.5	54.5	53.6	58	43	37	36	33
Natural gas plant liquids	Bil. bbl	(NA)	1.1	1.3	1.4	1.4	(NA)	57	44	42	41
Nonmetals:											
Asbestos	Mil. sh. ton	3.9	4.6	5.4	4.9	4.8	3	2	2	2	1
Barite	Mil. sh. ton	4.3	5.4	8.1	9.1	7.9	20	25	28	31	23
Feldspar	Mil. sh. ton	2.8	2.9	3.5	3.5	3.4	26	23	20	19	18
Fluorspar	Mil. sh. ton	4.6	5.0	5.4	5.6	5.0	4	3	2	2	2
Gypsum	Mil. sh. ton	56.9	65.3	66.3	64.1	60.6	17	15	14	14	13
Mica (incl. scrap)	1,000 sh. ton	180	250	365	369	312	66	54	62	68	65
Nitrogen, agricultural [2]	Mil. sh. ton	33.4	46.7	76.7	61.6	60.1	25	20	21	19	16
Phosphate rock	Mil. sh. ton	93.6	118.6	152.5	151.6	135.2	41	41	39	39	31
Potash (K_2O equiv.)	Mil. sh. ton	20.0	27.4	30.5	29.8	26.9	14	9	8	8	7
Sulfur, elemental	Mil. lg. ton	22.2	49.9	55.7	59.0	55.8	39	22	21	23	19
Metals, mine basis:											
Bauxite	Mil. lg. ton	56.9	74.5	87.4	84.1	73.3	4	2	2	2	1
Copper [3]	Mil. sh. ton	6.6	7.7	8.4	9.0	6.8	26	18	15	19	14
Gold	Mil. troy oz	47.5	38.5	39.1	41.2	43.1	4	3	2	3	3
Iron ore	Mil. lg. ton	754	902	877	842	769	12	9	8	9	5
Lead [3]	Mil. sh. ton	3.7	3.8	3.8	3.7	3.8	15	17	16	13	15
Mercury	1,000 flask [4]	284	252	204	214	204	10	3	15	13	13
Molybdenum [3]	Mil. lb	181	177	242	241	200	61	60	62	58	41
Nickel [3]	1,000 sh. ton	693	868	821	785	670	2	2	2	2	(z)
Silver	Mil. troy oz	301	298	340	362	373	15	12	10	11	11
Titanium concentrates:											
Ilmenite	Mil. sh. ton	[5] 4.0	3.2	4.0	4.0	3.4	23	22	14	13	7
Tungsten	Mil. lb	71.4	84.3	114.1	108.5	98.9	13	7	5	7	3
Uranium oxide (U_3O_8) [6]	1,000 sh. ton	24	27	(NA)	(NA)	(NA)	53	43	(NA)	(NA)	(NA)
Vanadium [3]	1,000 sh. ton	19.9	23.2	38.3	38.7	36.5	26	20	13	13	11
Zinc [3]	Mil. sh. ton	6.0	6.4	6.4	6.2	6.7	9	7	5	6	5
Metals, smelter basis:											
Aluminum	Mil. sh. ton	10.6	13.4	17.0	16.6	14.6	37	29	30	30	25
Cadmium	Mil. lb	36.5	33.9	40.0	38.0	35.6	26	13	9	9	6
Copper	Mil. sh. ton	6.8	7.7	8.8	9.1	9.0	24	18	13	17	13
Iron, pig (incl. ferroalloys)	Mil. sh. ton	474	529	563	557	500	19	15	12	13	9
Lead	Mil. sh. ton	3.6	3.6	5.7	5.5	5.6	18	17	24	23	21
Magnesium	1,000 sh. ton	242	258	350	326	273	46	47	48	44	36
Steel ingots and castings	Mil. sh. ton	655	713	787	777	708	20	16	14	16	11
Tin	1,000 m. ton [6]	227	228	250	247	241	(NA)	3	1	1	1
Zinc	Mil. sh. ton	5.3	5.5	6.7	6.7	6.5	16	8	6	6	5

NA Not available. Z Less than .5 percent. [1] Source: Beginning 1975, Energy Information Administration, *International Energy Annual*. See table 1250 for production by world region. [2] Through 1975, for years ending June 30; thereafter as of September 30. U.S. production includes Puerto Rico. [3] Content of ore and concentrate. [4] 76-lb. flasks. [5] Excludes Soviet Union. [6] Metric tons.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*, annual.

NO. 1245. FEDERAL STRATEGIC AND CRITICAL MATERIALS INVENTORY: 1975 TO 1983

[As of **Dec. 31.** Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amounts that would be realized at time of sale]

MINERAL	Unit	QUANTITY [1] 1975	1980	1981	1982	1983	VALUE (mil. dol.) 1975	1980	1981	1982	1983
Tin	1,000 lg. ton	207	200	197	191	188	1,381	3,158	3,344	2,503	2,496
Silver	1,000 troy oz	139,500	139,500	137,506	137,506	137,506	556	2,288	1,097	1,423	1,264
Cobalt	Mil. lb	46	41	41	46	46	185	1,020	747	572	575
Bauxite [2]	1,000 lg. ton	14,332	14,333	14,333	15,958	15,958	350	583	666	733	775
Manganese [3]	1,000 sh. ton	4,274	3,495	4,837	4,775	4,701	522	540	579	556	526
Tungsten [4]	Mil. lb	75	62	93	92	92	414	533	713	493	443
Zinc	1,000 sh. ton	375	376	378	378	378	291	313	338	293	374
Titanium	1,000 sh. ton	27	21	32	32	32	145	301	459	353	353
Platinum	1,000 troy oz	453	440	453	453	453	72	209	215	215	176
Chromium [5]	1,000 sh. ton	760	763	784	784	784	815	747	788	784	756
Diamond:											
Stones	Carat	20,000	19,224	17,748	17,024	15,536	168	349	399	400	379
Industrial, bort	Carat	33,577	23,693	23,693	22,193	22,001	70	73	53	39	39

[1] Consists of stockpile and nonstockpile grades and reflects uncommitted balances. [2] Consists of abrasive grade, met. grade Jamaica, met. grade Surinam, and refractory. [3] Consists of chemical grade, dioxide battery natural, dioxide battery synthetic, electrolytic, ferro-high carbon, ferro-med. carbon, ferro-silicon, and metal. [4] Consists of carbide powder, ferro, metal powder, and ores and concentrates. [5] Consists of ferro-high carbon, ferro-low carbon, ferro-silicon, and metal.

Source: U.S. General Services Administration, *Statistical Supplement, Stockpile Report to the Congress* (AP-3).

No. 1246. Selected Mineral and Metal Products—Quantity and Value of Imports and Exports: 1975 to 1983

[Imports represent imports for consumption. Exports include shipments under foreign aid programs. Includes trade of Puerto Rico with foreign countries]

PRODUCT	QUANTITY						VALUE (mil. dol.)				
	Unit	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
IMPORTS											
Petroleum (crude) [1]	Mil. bbl	1,581	1,975	1,751	1,417	1,283	18,290	61,899	61,458	45,724	36,492
Gem stones: Diamonds	Mil. carat	4.6	4.2	4.4	4.6	6.3	722	2,251	2,201	1,918	2,275
Ores and concentrates:											
Chromium (Cr_2O_3 content)	1,000 sh. ton	559	410	368	209	86	61	57	50	30	10
Copper	1,000 sh. ton	29	58	43	130	100	36	73	57	141	82
Iron	Mil. lg. ton	46.7	25.1	28.3	14.5	13.2	860	773	948	471	446
Tungsten	Mil. lb	6.6	11.4	11.8	7.8	6.3	32	87	91	47	26
Metals:											
Aluminum	1,000 sh. ton	434	581	711	679	819	317	778	991	858	1,021
Cobalt	Mil. lb	6.1	15.0	13.9	11.6	15.9	26	359	239	138	110
Copper refined ingots, etc	1,000 sh. ton	143	471	364	285	507	166	935	582	395	701
Gold (bullion)	Mil. troy oz	2.3	4.1	4.2	4.2	3.6	407	2,507	1,943	1,651	1,576
Iron and steel products (maj.)	Mil. sh. ton	12.4	16.2	20.7	17.3	17.8	4,507	7,713	11,202	10,290	7,129
Platinum group [2]	Mil. troy oz	1.8	3.5	2.8	2.5	3.2	273	1,177	800	554	753
Silver (bullion)	Mil. troy oz	61.6	64.9	75.9	96.9	161.2	274	1,332	837	786	1,926
Zinc: Blocks, pigs, slabs	*1,000 sh. ton*	*375*	*452*	*675*	*503*	*681*	*274*	*319*	*549*	*371*	*504*
EXPORTS											
Fuels: [1]											
Bituminous coal	Mil. sh. ton	65.8	89.9	110.2	105.2	76.9	3,242	4,523	5,809	5,938	4,008
Petroleum (crude)	Mil. bbl	(z)	30.6	16.4	13.1	6.8	(z)	751	577	469	224
Nonmetallic minerals:											
Gem stones: Diamonds	Mil. carat	.3	1.3	3.2	2.7	2.5	237	1,041	854	639	622
Nitrogen compounds (maj.)	Mil. sh. ton	4.7	11.1	8.4	7.8	7.5	860	1,842	1,398	1,179	1,050
Phosphatic fertilizers [3]	Mil. sh. ton	3.6	7.2	6.0	5.4	6.6	725	1,383	1,035	837	895
Metals:											
Aluminum: Ingots, slabs, crude	1,000 sh. ton	186	715	344	401	398	134	1,107	527	476	534
Plates, sheets, bars, etc	1,000 sh. ton	171	306	264	194	179	229	716	625	440	389
Gold (refined bullion)	Mil. troy oz	3.1	4.7	5.2	1.6	1.9	429	2,787	2,501	591	825
Iron and steel prods. (maj.)	Mil. sh. ton	3.9	4.5	3.3	2.2	1.4	2,970	3,504	3,414	2,515	1,609
Magnesium [4]	1,000 sh. ton	32.6	56.8	34.9	39.6	46.7	48	128	91	105	125
Molybdenum [5]	1,000 lb	317	614	2,641	697	577	9	5	10	2	2
Silver (refined bullion)	Mil. troy oz	22.6	57.2	15.1	12.9	13.7	104	1,327	181	106	169
Scrap exports:											
Aluminum	1,000 sh. ton	67	445	241	214	262	29	483	236	158	249
Iron and steel	Mil. sh. ton	9.6	11.4	6.5	6.9	7.8	781	1,257	653	623	651

Z Less than 50,000 bbl. or $500,000. [1] Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country,* FT 246, annual; and *U.S. Exports, Schedule B Commodity and Country,* FT 446, monthly. [2] Unwrought and semimanufactured. [3] Superphosphates and ammonium phosphates. [4] Metal and alloys, scrap, semimanufactured forms. [5] Metals and alloys, crude and scrap.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1247. Mineral Industries—Lost Workday Injuries and Fatalities: 1975 to 1982

[Excludes office workers. Lost workday injuries are nonfatal occurrences that result in days away from work, days of restricted work activity or a permanent disability. See also *Historical Statistics, Colonial Times to 1970,* series M 271-286]

ITEM	1975	1980	1981	1982
Coal mining:				
Injuries, total	11,262	18,822	15,638	14,337
Fatal	155	133	153	122
Percent of total	1.4	.7	1.0	.9
Rate per million work-hours:				
Fatal	.4	.3	.4	.3
Nonfatal	30	43	38	36
Fatalities per 1,000 employed [1]	.71	.55	.64	.53
Quarrying and related industries: [2]				
Injuries, total	2,562	3,551	2,527	925
Fatal	36	42	19	10
Percent of total	1.4	1.2	.8	1.1
Quarrying and related industries—Con.				
Rate per million work-hours:				
Fatal	.3	.3	.1	.1
Nonfatal	19	21	17	14
Fatalities per 1,000 employed [1]	.5	.5	.2	.1
Metal and nonmetal mining: [3]				
Injuries, total	5,158	6,923	6,376	3,184
Fatal	66	46	56	35
Percent of total	1.3	.7	.9	1.1
Rate per million work-hours:				
Fatal	.3	.2	.2	.2
Nonfatal	22	28	24	19
Fatalities per 1,000 employed [1]	.5	.3	.4	.4

[1] Average number of persons at work each day mines were active. [2] Includes manufacture of cement, except for 1975. [3] Nonmetal mines exclude extraction of Frasch process sulfur.

Source: U.S. Mine Safety and Health Administration, Denver, CO, unpublished data.

No. 1248. Net U.S. Imports of Selected Minerals and Metals as Percent of Apparent Consumption, 1970 to 1983, and by Major Foreign Sources, 1979–1982

[**In percent.** Figures based on net imports which equal the difference between imports and exports plus or minus government stockpile and industry stock changes]

MINERAL	1970	1978	1979	1980	1981	1982	1983	Rank of major foreign sources, 1979–1982
Columbium	100	100	100	100	100	100	100	Brazil, Canada, Thailand.
Mica (sheet)	100	100	100	100	100	100	100	India, Brazil, Belgium.
Strontium	100	100	100	100	100	100	100	Mexico.
Manganese	95	97	98	98	98	99	99	**Ore:** So. Africa, Gabon, Australia, Brazil.
Bauxite [1]	88	93	93	94	94	96	96	**Bauxite:** Jamaica, Guinea, Suriname; **Alumina:** Australia, Jamaica, Suriname.
Cobalt	98	95	94	93	92	92	96	Zaire, Zambia, Belgium-Luxembourg, Canada.
Tantalum	96	97	96	90	92	92	91	Thailand, Canada, Malaysia, Brazil.
Platinum group	78	90	89	88	84	80	84	Rep. of So. Africa, Soviet Union, United Kingdom.
Chromium	89	91	90	91	90	85	77	**Chromite:** So. Africa, U.S.S.R., Philippines; **Ferrochrome:** So. Africa, Yugoslavia, Zimbabwe.
Nickel	71	80	69	71	75	76	77	Canada, Australia, Norway, Botswana.
Potassium	42	64	66	65	65	65	75	Canada, Israel.
Titanium [2]	24	41	39	32	52	75	(D)	Australia, Canada, Rep. of So. Africa.
Tin	81	79	80	79	77	68	72	Malaysia, Thailand, Bolivia, Indonesia.
Cadmium	7	63	64	55	63	73	69	Canada, Australia, Mexico, Rep. of Korea.
Zinc	54	66	63	60	64	58	66	**Ore:** Canada, Peru, Mexico; **Metal:** Canada, Spain, Australia, Peru.
Asbestos	83	85	83	78	78	74	65	Canada, Rep. of So. Africa.
Barium	45	27	37	44	40	55	64	China, Peru, Chile, Morocco.
Silver	26	43	42	7	53	55	61	Canada, Mexico, Peru, United Kingdom.
Antimony	40	43	53	46	48	51	52	**Metal:** Bolivia, China, Belgium-Luxembourg, Mexico. **Ore:** Bolivia, Mexico, Canada, So. Africa.
Vanadium	21	36	28	35	34	24	52	Rep. of So. Africa, Canada, Finland.
Gypsum	39	32	35	35	37	36	39	Canada, Mexico, Spain.
Tungsten	50	56	58	53	50	46	39	Canada, Bolivia, China.
Iron ore	30	29	25	25	22	34	37	Canada, Venezuela, Brazil, Liberia.
Selenium	11	43	28	59	45	55	37	Canada, Japan, United Kingdom, Belgium-Luxembourg.
Petroleum [3] [4]	22	42	43	37	34	28	28	Mexico, Canada, Venezuela, United Kingdom, Saudi Arabia.
Mercury	41	64	59	26	44	31	25	Japan, Spain, Canada, Italy.
Gold	59	53	50	18	15	32	21	Canada, Switzerland, U.S.S.R.
Aluminum	(5)	11	4	(5)	(5)	7	18	Canada, Ghana, Venezuela, Japan.
Copper	(5)	20	12	14	6	1	17	Chile, Canada, Peru, Zambia.
Sulfur	(5)	12	11	14	5	4	16	Canada, Mexico.
Iron and steel	4	12	12	15	13	24	13	Europe, Japan, Canada.
Natural gas [4]	4	5	6	5	4	5	5	Canada, Algeria, Mexico.

D Withheld to avoid disclosure. [1] Includes alumina. [2] Limenite. [3] Includes crude and products. [4] Source: Beginning 1978, Energy Information Administration: *Annual Energy Review.* [5] Net exports.

Source: Except as noted, U.S. Bureau of Mines, *Mineral Commodity Summaries;* import and export data from U.S. Bureau of the Census.

No. 1249. Petroleum Industry—Summary: 1950 to 1983

YEAR	CRUDE OIL PRODUCING WELLS		COMPLETED WELLS DRILLED (1,000)				CRUDE OIL PRODUCTION			Imports, crude oil (mil. bbl.)	Imports, refined petroleum products (mil. bbl.)	Operable refinery capacity (Jan. 1) (mil. bbl.)	Output (mil. bbl.)
	Total (Dec. 31) (1,000)	Daily output per well (bbl.)	Total	Crude oil	Gas	Dry	Total (mil. bbl.)	Value at wells (bil. dol.)	Avg. price per bbl. (dol.)				
1950	466	11.8	42	24	3	15	1,974	5.0	2.51	178	133	2,271	2,197
1955	524	13.2	55	30	4	20	2,484	6.9	2.77	285	170	2,945	2,880
1960	591	12.0	46	22	5	18	2,575	7.4	2.88	372	293	3,602	3,195
1965	589	13.3	39	18	4	16	2,849	8.1	2.86	452	449	3,803	3,769
1970	531	18.0	28	13	4	11	3,517	11.2	3.18	483	765	4,388	4,421
1971	517	18.1	26	12	4	10	3,454	11.7	3.39	613	819	4,694	4,379
1972	508	18.4	27	11	5	11	3,455	11.7	3.39	811	924	4,865	4,593
1973	497	18.3	27	10	6	10	3,361	13.1	3.89	1,164	1,099	4,979	5,057
1974	498	17.6	32	13	7	12	3,203	22.0	6.87	1,269	962	5,242	4,927
1975	500	16.8	37	16	8	13	3,057	23.4	7.67	1,498	712	5,461	4,995
1976	499	16.3	40	17	9	14	2,976	24.4	8.19	1,935	741	5,577	5,372
1977	507	16.4	45	19	11	15	3,010	25.8	8.57	2,414	800	5,985	5,794
1978	517	17.0	47	18	13	16	3,178	28.6	9.00	2,320	733	6,222	5,828
1979	531	16.3	50	19	15	16	3,121	39.5	12.64	2,380	707	6,366	5,753
1980	548	15.9	61	27	16	18	3,146	67.9	21.59	1,926	603	6,584	5,352
1981	557	15.4	79	38	18	23	3,129	99.4	31.77	1,605	584	6,589	5,106
1982	580	14.9	86	40	19	27	3,157	90.0	28.52	1,273	593	6,530	4,888
1983, prel	597	14.5	76	37	16	23	3,171	82.4	26.07	1,215	629	6,154	4,795

Source: U.S. Energy Information Administration, *Annual Energy Review* and *Petroleum Supply Annual.*

No. 1250. Crude Oil, Natural Gas, and Coal—World Production, by Region: 1970 to 1982

Fuel and region	Production										Percent distribution		
	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982, prel.	1970	1980	1982, prel.
CRUDE OIL (mil. bbl.)													
World	**16,711**	**20,321**	**19,301**	**20,976**	**21,785**	**21,921**	**22,825**	**21,791**	**20,404**	**19,404**	**100.0**	**100.0**	**100.0**
United States	3,517	3,361	3,057	2,976	3,009	3,178	3,121	3,147	3,129	3,157	21.0	14.4	16.3
Other W. Hemisphere	2,377	2,531	2,090	2,082	2,135	2,217	2,468	2,567	2,646	2,709	14.2	11.8	14.0
Western Europe	116	164	218	335	518	663	860	926	987	1,118	.7	4.2	5.8
Africa	*2,207*	*2,149*	*1,812*	*2,126*	*2,273*	*2,178*	*2,381*	*2,207*	*1,670*	*1,621*	*13.2*	*10.1*	*8.4*
Middle East	5,096	7,689	7,126	8,072	8,123	7,702	7,869	6,737	5,742	4,581	30.5	30.9	23.6
Far East and Oceania	3,393	1,196	1,340	1,525	1,682	1,760	1,816	1,774	1,760	1,702	20.3	8.1	8.8
Eastern Europe and U.S.S.R.		3,232	3,659	3,858	4,045	4,223	4,311	4,432	4,471	4,515		20.3	23.3
NATURAL GAS (DRY) [2] (tril. cu. ft.)													
World	**36.75**	**43.18**	**44.12**	**46.12**	**47.31**	**48.73**	**51.67**	**53.78**	**54.53**	**53.60**	**100.0**	**100.0**	**100.0**
United States	21.01	21.73	19.24	19.10	19.16	19.12	19.66	19.60	19.40	17.75	58.2	36.4	33.1
Other W. Hemisphere	3.55	4.10	4.03	4.07	4.32	4.60	4.98	5.04	4.81	4.97	9.4	9.4	9.3
Western Europe	2.75	5.15	6.07	6.46	6.01	5.79	6.44	7.07	6.92	6.39	7.3	13.1	11.9
Africa	.12	.32	.37	.47	.42	.90	.83	.87	.89	.90	.3	1.6	1.7
Middle East	.46	.98	1.19	1.26	1.41	1.38	1.58	1.41	1.36	1.34	1.2	2.6	2.5
Far East and Oceania	8.86	.92	1.27	1.48	1.73	1.84	2.06	2.48	2.66	2.66	23.5	4.6	5.0
Eastern Europe and U.S.S.R.		9.96	11.95	13.27	14.26	15.11	16.32	17.32	18.49	19.59		32.2	36.5
COAL (mil. sh. ton)													
World	**3,317**	**3,447**	**3,673**	**3,772**	**3,840**	**3,921**	**4,121**	**4,197**	**4,228**	**4,382**	**100.0**	**100.0**	**100.0**
United States	613	599	655	685	697	670	781	830	824	838	18.5	19.8	19.1
Other W. Hemisphere	28	36	43	44	49	51	57	64	66	69	.8	1.5	1.6
Western Europe	500	508	509	518	506	509	529	543	562	574	15.1	12.9	13.1
Africa	66	75	82	91	100	105	120	133	149	161	2.0	3.2	3.7
Middle East, Far East and Oceania	2,111	800	890	921	942	1,026	1,063	1,061	1,098	1,159	63.6	25.3	26.4
Eastern Europe and U.S.S.R.		1,431	1,494	1,513	1,546	1,560	1,571	1,566	1,529	1,581		37.3	36.1

[1] 1970, includes Cuba. [2] Marketed production, wet, for 1970; thereafter dry.

Source: 1970, U.S. Dept. of Interior, *Energy Perspectives 2*, June 1976, and unpublished data; thereafter, U.S. Energy Information Administration, *International Energy Annual*, September 1983.

No. 1251. Fuel Consumption, by Type of Use: 1965 to 1983

Fuel and use	Consumption								Percent			
	Unit	1965	1970	1975	1979	1980	1981	1982	1983 [1]	1965	1970	1980	1983 [1]
Petroleum [2]	**Mil. bbl**	**4,202**	**5,364**	**5,958**	**6,757**	**6,242**	**5,861**	**5,583**	**5,542**	**100**	**100**	**100**	**100**
Fuel use [3]	Mil. bbl	3,802	4,787	5,299	5,918	5,455	5,109	4,889	4,842	90	89	87	87
Nonfuel use [3]	Mil. bbl	400	578	659	839	788	752	694	700	10	11	13	13
Residential [4]	Mil. bbl	699	797	710	630	555	487	454	434	17	15	9	8
Industrial	Mil. bbl	1,187	1,394	1,475	1,952	1,772	1,563	1,482	1,465	28	26	28	26
Transportation	Mil. bbl	2,201	2,835	3,266	3,650	3,494	3,460	3,396	3,397	52	53	56	61
Electrical generation	Mil. bbl	115	339	506	525	421	352	251	247	3	6	7	4
Natural gas (dry)	**Bil. cu. ft**	**15,280**	**21,139**	**19,538**	**20,241**	**19,877**	**19,404**	**18,001**	**16,955**	**100**	**100**	**100**	**100**
Fuel use [3]	Bil. cu. ft	(NA)	(NA)	19,008	19,646	19,288	18,858	17,510	16,473	(NA)	(NA)	97	97
Nonfuel use [3]	Bil. cu. ft	(NA)	(NA)	530	595	589	546	491	482	(NA)	(NA)	3	3
Residential [4]	Bil. cu. ft	5,346	7,236	7,432	7,751	7,363	7,066	7,239	6,908	35	34	37	41
Industrial [5]	Bil. cu. ft	5,955	7,851	6,968	6,899	7,172	7,128	5,831	5,582	39	37	36	33
Pipeline fuel	Bil. cu. ft	501	722	583	601	635	642	596	560	3	3	3	3
Electrical generation	Bil. cu. ft	2,321	3,932	3,158	3,491	3,682	3,640	3,226	2,912	15	19	19	17
Lease and plant fuel	Bil. cu. ft	*1,156*	*1,399*	*1,396*	*1,499*	*1,026*	*928*	*1,109*	*993*	*8*	*7*	*5*	*6*
Coal [6]	**Mil. sh. ton**	**472**	**523**	**563**	**681**	**703**	**733**	**707**	**735**	**100**	**100**	**100**	**100**
Fuel use [3]	Mil. sh. ton	467	518	563	677	700	730	705	734	99	99	100	100
Nonfuel use [3]	Mil. sh. ton	5	6	5	3	3	3	2	2	1	1	(Z)	(Z)
Residential [4]	Mil. sh. ton	26	16	9	8	6	7	8	8	6	3	1	1
Industrial	Mil. sh. ton	201	187	147	145	127	128	105	101	43	36	18	14
Electrical generation	Mil. sh. ton	245	320	406	527	569	597	594	626	52	61	81	85

NA Not available. Z Less than .5 percent. [1] Preliminary. [2] Products refined and processed from crude oil, including still gas, liquefied refinery gas, and natural gas liquids. [3] Source, 1965 to 1979, U.S. Bureau of Mines, *United States Energy Through the Year 2000*, December 1972; and *Minerals Yearbook*. [4] Includes commercial. [5] Excludes lease and plant fuel. [6] Includes anthracite, bituminous, and lignite coals.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review*.

No. 1252. Crude Petroleum and Refined Products: 1970 to 1983

[**Barrels of 42 gallons.** See tables 966, 967 and 1048 for additional information. See also *Historical Statistics, Colonial Times to 1970,* series M 138–142, M 178, and M 181]

ITEM	Unit	1970	1973	1975	1978	1979	1980	1981	1982	1983
Crude petroleum:										
Domestic production	Mil. bbl	3,517	3,361	3,057	3,178	3,121	3,138	3,129	3,157	3,171
Value at wells	Bil. dol	11.2	13.1	23.4	26.6	39.5	66.9	99.4	90.0	83.0
Average price per barrel at wells	Dol	3.18	3.89	7.67	9.00	12.64	21.59	31.77	28.52	26.19
World production	Mil. bbl	16,719	20,561	19,301	21,921	22,625	21,731	20,404	19,404	19,292
U.S. proportion of world total	Percent	21	17	16	14	14	14	15	16	16
Imports	Mil. bbl	483	1,184	1,498	2,320	2,360	1,926	1,605	1,263	1,215
Value [1]	Mil. dol	1,052	4,231	18,374	32,140	46,100	62,014	61,940	45,862	36,809
Exports	Mil. bbl	5	1	2	58	86	105	83	86	60
Value [1]	Mil. dol	4,991	2,621	178	389	394	751	577	469	224
Stocks, Dec. 31	Mil. bbl	276	242	271	376	430	466	594	642	723
Proved reserves, Dec. 31 [2]	Mil. bbl	39,001	35,300	32,682	31,355	29,810	29,805	29,426	27,858	(NA)
Refinery:										
Total capacity (Dec. 31) [3]	Mil. bbl	4,694	5,242	5,577	6,366	6,584	6,589	6,530	6,154	5,890
Crude oil receipts at refineries	Mil. bbl	3,973	4,546	4,546	5,373	5,346	4,934	4,563	4,331	4,283
By pipeline: Domestic	Mil. bbl	2,840	2,905	2,662	2,418	2,329	2,275	2,343	2,401	2,419
Foreign	Mil. bbl	237	409	398	594	612	503	346	406	421
By water: Domestic	Mil. bbl	610	399	305	584	592	642	587	619	611
Foreign	Mil. bbl	244	775	1,101	1,683	1,722	1,406	1,184	817	735
By tank cars and trucks	Mil. bbl	43	58	80	94	108	121	103	89	96
Utilization rate [3] [4]	Percent	88.6	89.8	84.2	86.9	87.6	81.0	77.4	69.8	72.4
Refined products:										
Operating refineries, Dec. 31	Number	279	284	287	311	319	315	254	233	247
Daily crude oil capacity [5]	Mil. bbl	12.7	14.2	14.9	17.1	18.0	18.1	16.1	15.0	14.8
Retail prices for leaded regular motor gasoline (U.S. city average)	Cents	[6] 35.7	[6] 38.8	56.7	62.6	85.7	119.1	131.1	122.2	115.7
Yield of gasoline	Percent	45.3	45.6	46.5	44.1	43.0	44.5	44.5	46.2	47.4
Imports	Mil. bbl	765	1,099	712	733	707	603	584	593	829
Value [1]	Mil. dol	1,413	3,318	6,751	6,844	9,752	11,502	13,328	13,200	15,166
Exports	Mil. bbl	89	84	74	74	86	94	134	211	210
Value [1]	Mil. dol	424	391	325	685	858	1,242	2,088	4,589	3,554
Stocks, Dec. 31	Mil. bbl	741	766	862	901	911	926	890	786	731

NA Not available. [1] Source: U.S. Bureau of the Census, *U.S. Exports, Schedule E Commodity by Country,* FT 135, monthly, and *U.S. General Imports and Imports for Consumption, Schedule A Commodity by Country,* FT 410, monthly. [2] Source: 1970–1975 American Petroleum Institute, Washington, DC, thereafter, U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,* annual. [3] Source: 1970–1980, U.S. Energy Information Administration, *Petroleum Refineries in the United States and U.S. Territories,* annual. [4] Crude runs as percent of total capacity. [5] Operating capacity. [6] Average dealer's net price per gallon (incl. tax) of regular grade full service gasoline. Data from Platt's Oilgram Price Service.

Source: Except as noted, through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Monthly Energy Review, Annual Energy Review,* and *Petroleum Supply Annual.*

No. 1253. Petroleum—Runs to Stills and Refinery Products, by Product: 1970 to 1983

[**In millions of barrels, except percent.** Barrels of 42 gallons, except as indicated. See also *Historical Statistics, Colonial Times to 1970,* series M 162–177]

PRODUCT	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983	PERCENT		
												1970	1980	1983
Input	4,290	4,890	4,827	5,197	5,602	5,646	5,561	5,133	4,921	4,694	4,617	100.0	100.0	100.0
Crude petroleum	3,968	4,537	4,541	4,910	5,330	5,379	5,346	4,934	4,552	4,297	4,265	92.5	96.1	92.4
Natural gas liquids	278	297	259	265	245	233	186	169	191	188	168	6.5	3.3	3.6
Other [1]	44	56	27	22	27	34	29	30	178	209	184	1.0	.6	4.0
Output	4,421	5,057	4,995	5,372	5,794	5,828	5,753	5,352	5,106	4,888	4,795	100.0	100.0	100.0
Gasoline (motor)	2,100	2,399	2,393	2,503	2,566	2,630	2,508	2,388	2,336	2,313	2,313	47.5	44.6	48.2
Distillate fuel oil	896	1,029	968	1,070	1,196	1,156	1,151	974	954	951	897	20.3	18.2	18.7
Residual fuel oil	258	354	451	504	640	609	616	578	482	390	311	5.8	10.8	6.5
Jet fuel	302	314	318	336	355	354	369	366	353	357	373	6.8	6.8	7.8
Petrochemical feedstocks	100	133	122	164	193	223	252	254	220	160	153	2.3	4.7	3.2
Still gas for fuel [2]	164	177	175	181	191	200	205	197	199	195	192	3.7	3.7	4.0
Asphalt [3]	147	168	144	140	154	173	169	141	123	119	136	3.3	2.6	2.8
Coke (5 bbl.=1 sh. ton)	108	132	129	130	135	135	137	135	142	150	153	2.4	2.5	3.2
Liquefied refinery gases	117	128	109	119	122	125	121	119	115	99	120	2.6	2.2	2.5
Kerosene	95	79	55	56	62	56	67	50	44	42	40	2.1	.9	.8
Other finished products	134	144	131	169	180	167	158	148	138	112	107	3.0	2.8	2.2
Processing gains	−131	−165	−168	−175	−191	−181	−192	−219	−185	−194	−178	(x)	(x)	(x)

NA Not available. X Not applicable. [1] Includes unfinished oil rerun net, blending components, other hydocarbons and alcohol. [2] 1 barrel=3,600 cu. ft. [3] 5.5 barrels=1 sh. ton.

Source: U.S. Energy Information Administration, *Petroleum Supply Annual.*

No. 1254. Crude Petroleum and Natural Gas—Wells Drilled, Footage, and Drilling Cost, by Type of Well: 1960 to 1982

[Includes all costs incurred for drilling and equipping wells to point of completion as productive wells or abandonment after drilling becomes unproductive. Based on sample of operators of different size drilling establishments]

Year	Wells drilled		Footage drilled (mil. ft.)	Drilling cost (mil. dol.)		Average depth per well (ft.)	Average cost per well ($1,000)		Average cost per ft. (dol.)
	Total	Offshore		Total	Offshore		Total	Offshore	
	WELLS, TOTAL								
1960	44,133	538	186.4	2,424	208	4,223	55	386	13.01
1970	27,177	1,058	136.9	2,579	599	5,037	95	566	18.84
1973	26,244	888	136.7	3,075	578	5,207	117	651	22.50
1975	36,960	1,028	177.6	6,571	1,174	4,806	178	1,142	36.99
1980	62,011	1,272	296.0	22,800	3,846	4,773	368	3,024	77.02
1981	80,816	1,476	388.8	36,665	5,551	4,811	454	3,761	94.30
1982	76,652	1,464	362.6	39,428	6,154	4,731	514	4,203	108.73
	OIL WELLS								
1960	21,294	301	84.0	1,111	98	3,946	52	326	13.22
1970	12,547	533	56.4	1,088	282	4,496	87	528	19.29
1973	9,705	296	44.7	1,007	182	4,602	104	615	22.54
1975	16,276	283	66.1	2,257	253	4,059	139	892	34.15
1980	28,553	317	117.1	7,768	844	4,099	272	2,663	66.36
1981	38,725	415	162.0	13,023	1,074	4,183	336	2,589	80.40
1982	35,865	486	144.3	12,459	1,563	4,024	347	3,217	86.34
	GAS WELLS								
1960	5,262	87	29.1	540	53	5,526	103	606	18.58
1970	3,844	193	23.1	618	139	6,007	161	720	26.75
1973	6,427	193	36.3	998	154	5,654	155	798	27.46
1975	7,654	271	43.4	2,005	338	5,667	262	1,247	46.23
1980	15,225	444	85.8	8,167	1,446	5,636	536	3,256	95.16
1981	17,533	515	100.3	12,248	2,122	5,718	699	4,121	122.17
1982	17,052	442	100.8	14,738	2,165	5,912	864	4,898	146.20
	DRY HOLES								
1960	17,577	150	73.3	774	57	4,168	44	377	10.56
1970	10,786	332	57.4	873	178	5,320	81	536	15.21
1973	10,112	399	55.7	1,070	242	5,504	106	608	19.22
1975	13,030	474	68.2	2,309	584	5,234	177	1,232	33.86
1980	18,233	511	93.1	6,865	1,556	5,108	377	3,046	73.70
1981	24,558	546	126.6	11,395	2,354	5,154	464	4,312	90.03
1982	23,735	536	117.5	12,232	2,425	4,951	515	4,525	104.09

Source: American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association, *Joint Association Survey on Drilling Costs*, annual.

No. 1255. Petroleum Inventories at the Beginning of Peak Seasons: 1973 to 1983

Fuel	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Petroleum, total (Sept. 30)	Mil. bbls	1,016	1,114	1,147	1,192	1,304	1,263	1,309	1,447	1,476	1,414	1,485
	Days' supply [1]	60.3	68.3	72.7	71.4	73.4	69.9	74.5	89.8	95.0	94.9	96.9
Motor gasoline (Mar. 31)	Mil. bbls	207.7	220.3	248.7	239.1	262.2	259.6	240.1	282.8	232.4	198.1	182.7
	Days' supply [1]	32.7	36.6	40.0	36.3	38.8	37.4	33.8	43.9	36.6	31.9	29.0
Distillate fuel oil (Sept. 30)	Mil. bbls	190.2	208.3	220.8	232.3	252.8	220.7	220.4	232.4	207.3	161.2	154.0
	Days' supply [1]	75.6	89.3	102.8	98.1	96.1	82.9	83.0	100.1	85.5	71.4	63.0
Residual fuel oil (Sept. 30)	Mil. bbls	55.1	60.3	76.9	76.4	87.5	81.3	87.8	87.9	80.2	61.8	49.7
	Days' supply [1]	21.1	24.2	34.4	29.6	29.9	29.0	34.6	38.0	42.2	40.7	36.8

[1] Days' supply is derived by dividing inventories by previous three month average daily consumption (products supplied).
Source: U.S. Energy Information Administration, *Petroleum Supply Annual*.

No. 1256. Oil and Gas Leases and Production on the Outer Continental Shelf, by Region: 1980 to 1982

[**Barrels of 42 gallons.** For years ending **Sept. 30.** Covers leases made in ocean waters belonging to the U.S. and subject to its jurisdiction and control under provisions of the Outer Continental Shelf Lands Act. See also table 536]

Region	Leases			Acres (1,000)			Oil production (mil. bbl.)			Gas production (bil. cu. ft.)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total	**2,175**	**2,492**	**2,672**	**10,347**	**11,870**	**12,801**	**284.5**	**283.9**	(NA)	**4,707**	**4,879**	(NA)
Alaska	113	128	129	572	678	687	–	–	(NA)	–	–	(NA)
Atlantic [1]	232	273	247	1,321	1,554	1,407	–	–	(NA)	–	–	(NA)
Gulf Coast [2]	1,688	1,941	2,112	7,693	8,843	9,741	274.3	269.9	(NA)	4,704	4,874	(NA)
Pacific [3]	142	150	184	761	795	967	10.2	14.0	(NA)	3	6	(NA)

– Represents zero. NA Not available. [1] Offshore. [2] Alabama, Florida, Louisiana, and Texas. [3] California.
Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 1257. Crude Petroleum and Natural Gas—Sales Volume, Lease Revenues, Drilling Expenditures, and Employment: 1975 to 1982

[Figures on a gross operator basis, under which individual companies responsible for management and operation of oil and gas field leases reported on all properties operated for their own account and account of others. Lease revenues represent revenues generated from sales of either crude petroleum or natural gas, comparable to sales volume reported and including production payment, royalty, and nonoperating working interest shares]

ITEM AND YEAR	All companies, total [1]	COMPANIES RANKED BY LEASE REVENUES					PERCENT OF TOTAL		
		Top 8	Next 8	Next 16	Top 50	Top 100	Top 8	Top 16	Top 32
Sales volume of—									
Crude petroleum (mil. bbl.): [2] 1975	3,086	1,654	553	282	2,626	2,753	54	72	81
1976	2,905	1,482	588	270	2,436	2,585	51	71	80
1977	2,996	1,498	602	308	2,531	2,679	50	70	80
1978	3,109	1,475	712	314	2,625	2,746	47	70	80
1979	3,047	1,488	634	279	2,501	2,631	49	70	79
1980	3,136	1,604	579	324	2,606	2,732	51	70	80
1981	3,092	1,534	550	330	2,519	2,660	50	67	78
1982	3,048	1,508	520	298	2,438	2,585	49	66	76
Natural gas (bil. cu. ft.): 1975	20,455	8,898	3,864	2,391	16,207	17,661	44	62	74
1976	19,902	8,727	3,515	2,598	15,906	17,273	44	62	75
1977	19,195	8,377	3,111	2,573	15,381	16,784	44	60	73
1978	19,170	8,144	2,874	2,746	15,207	16,673	42	57	72
1979	20,005	7,361	3,031	3,753	15,665	17,135	37	52	71
1980	20,063	6,554	3,983	2,855	15,125	16,939	33	53	67
1981	20,252	6,232	3,915	3,272	15,056	16,881	31	50	66
1982	18,622	5,072	3,870	3,015	13,399	15,030	27	48	64
Lease revenues for—									
Crude petroleum (mil. dol.): [2] 1975	22,852	11,961	3,948	1,915	18,900	19,978	52	70	78
1976	22,936	11,537	4,279	2,004	18,673	19,951	50	69	78
1977	24,834	11,967	4,412	2,732	20,203	21,576	48	66	77
1978	27,003	12,609	5,370	2,968	22,081	23,314	47	67	78
1979	36,921	16,769	7,326	3,426	28,828	30,604	45	65	75
1980	63,435	29,630	11,958	6,675	50,407	53,440	47	66	76
1981	96,115	45,842	18,463	10,647	78,352	83,207	48	67	78
1982	84,968	39,858	15,823	8,469	67,585	71,944	47	65	75
Natural gas (mil. dol.): 1975	8,929	3,859	1,618	1,048	7,018	7,755	43	61	73
1976	12,099	4,813	1,989	1,558	9,251	10,168	40	56	69
1977	16,241	6,662	2,397	2,341	12,723	14,036	41	56	70
1978	19,126	7,441	2,683	2,945	14,575	16,415	39	53	68
1979	24,984	8,335	3,594	4,733	18,742	20,963	33	48	67
1980	33,296	10,445	6,237	5,102	24,794	27,928	31	50	65
1981	44,622	12,541	7,909	7,713	32,070	36,809	28	46	63
1982	48,173	11,219	9,537	9,126	33,156	38,157	23	48	60
Drilling expenditures (mil. dol.): [3] 1975	6,507	1,866	815	838	3,932	4,719	29	41	54
1976	8,071	2,706	958	1,036	5,475	6,184	34	45	58
1977	10,109	3,061	1,234	1,204	6,355	7,405	30	43	55
1978	12,904	3,944	1,732	1,590	8,290	9,723	31	44	56
1979	19,052	4,201	2,757	2,473	10,397	12,097	22	37	50
1980	26,017	6,726	3,537	2,386	14,498	17,824	26	39	49
1981	40,887	9,493	5,114	4,105	21,318	26,864	23	36	46
1982	40,206	9,266	4,388	5,614	21,977	26,990	23	34	48
Employment (1,000): 1975	137	40	18	15	79	88	29	42	53
1976	136	43	18	15	81	90	31	44	55
1977	133	42	17	15	81	91	32	44	56
1978	144	46	19	15	86	100	32	45	56
1979	167	45	22	18	91	103	27	40	50
1980	179	49	27	16	102	115	27	42	51
1981	215	56	29	19	117	133	26	40	48
1982	227	62	32	23	128	144	27	41	52

[1] Beginning 1979, includes data from a supplemental sample not available for earlier years.
[2] Includes condensate. [3] Represents expenditures incurred during the year for drilling and equipping wells.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA-13K-1, *Annual Survey of Oil and Gas.*

No. 1258. Liquefied Petroleum Gases—Summary: 1980 to 1983

[In millions of 42-gallon barrels. Includes ethane]

ITEM	1980	1981	1982	1983	ITEM	1980	1981	1982	1983
Production	561	573	558	599	**Consumption**	538	535	547	551
At natural gas plants	441	459	459	480	Ethane	124	129	115	122
At refineries	121	115	99	120	Propane	276	282	291	274
Imports	79	89	82	69	Butane (incl. isobutane)	68	50	37	46
Refinery input	85	105	110	92	Butane-propane mixtures	12	11	3	6
Exports	9	15	24	27	Ethane-propane mixtures	57	64	101	103
					Stocks, Dec. 31	116	135	94	101

Source: U.S. Energy Information Administration, *Petroleum Supply Annual.*

No. 1259. Ownership and Operation of U.S Crude Oil and Natural Gas Reserves and Production by Operator-Size Groups: 1977 to 1980

[**In percent.** The survey frame was comprised of operators only; firms and persons who were owners only, and who did not operate any properties, were not included. Approximately 90 percent of the total estimated crude oil reserves were reported on an ownership basis]

Operator groups, by size of reserves	Crude oil reserves				Natural gas reserves			
	Ownership basis		Operated basis		Ownership basis		Operated basis	
	Reserves	Production	Reserves	Production	Reserves	Production	Reserves	Production
8 Largest: 1977	56.6	40.8	59.4	41.5	44.3	41.5	46.0	42.5
1978	57.1	46.1	60.8	47.7	42.9	37.9	44.3	39.1
1979	57.4	46.6	60.2	49.6	42.1	35.1	43.7	36.7
1980	55.6	48.3	60.1	50.8	41.0	34.1	43.0	34.7
20 Largest: 1977	80.0	67.8	82.7	71.3	67.3	63.4	68.9	64.6
1978	79.9	70.8	83.8	74.5	64.8	62.9	67.0	64.8
1979	79.3	72.0	83.2	76.0	64.0	59.9	66.1	63.3
1980	77.5	72.7	82.8	75.7	62.3	57.3	65.3	60.4
50 Largest: 1977	85.2	75.7	89.1	80.9	79.3	75.0	83.6	78.6
1978	85.2	78.1	90.0	83.1	77.2	74.2	82.2	78.5
1979	84.4	78.1	89.0	83.8	75.9	71.1	81.0	77.3
1980	82.5	79.1	88.3	82.7	75.0	72.5	80.5	76.0
100 Largest: 1977	87.6	79.2	91.5	85.3	84.5	81.3	89.6	86.6
1978	87.4	81.0	92.2	87.1	82.4	80.4	88.5	85.4
1979	86.2	80.6	91.2	87.0	81.5	77.5	87.7	84.7
1980	84.3	81.6	90.5	86.0	80.3	78.6	87.2	83.5

Source: U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves,* annual.

No. 1260. U.S. Direct Investment and Income Abroad in Petroleum—Value, by Region and Country: 1970 to 1983

[**In millions of dollars.** Minus sign (–) indicates loss. See also *Historical Statistics, Colonial Times to 1970,* series U 41–46]

Region and country	Direct investment position (at yearend)						Income					
	1970	1975	1980	1981	1982	1983 [1]	1970	1975	1980	1981	1982	1983 [1]
All areas	**19,754**	**25,972**	**47,591**	**53,244**	**56,642**	**59,785**	**2,456**	**4,795**	**13,181**	**13,330**	**10,059**	**9,172**
Developed countries	11,205	20,129	34,621	37,535	37,077	38,879	(D)	1,642	8,632	7,142	4,821	5,484
Canada	4,337	6,220	10,800	10,677	10,354	10,874	309	852	1,986	995	1,076	1,337
Europe	5,481	11,165	20,101	22,681	22,526	23,640	(D)	523	5,879	5,350	3,228	3,577
Japan	525	1,313	1,570	1,737	1,708	2,011	34	45	178	330	271	442
Australia, New Zealand, and South Africa	863	1,430	2,149	2,440	2,489	2,354	57	223	589	467	248	128
Developing countries	6,644	2,519	(D)	12,341	15,929	16,572	1,567	3,071	4,138	5,461	4,558	2,963
Latin America	2,703	3,324	4,380	4,831	6,606	6,839	357	427	961	1,081	975	623
Other Africa	1,750	1,336	2,247	2,666	3,528	3,501	416	419	1,298	922	822	707
Middle East [2]	1,265	–4,888	(D)	707	726	943	690	1,441	–338	1,019	504	–36
Other Asia and Pacific	926	2,746	2,777	4,138	5,068	5,289	103	782	2,277	2,438	2,257	1,670
International	1,905	3,323	(D)	3,368	3,636	4,334	(D)	82	412	727	679	725

D Withheld to avoid disclosure of individual company data. [1] Preliminary. [2] Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Syria, Oman, United Arab Emirates, and Yemen. Data for 1970 and 1975 are based on the 1966 benchmark survey; data for 1980–1983, are based on the 1977 benchmark survey. See *Survey of Current Business,* August 1982.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* August 1984, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966–78.*

No. 1261. Foreign Direct Investment in Petroleum in the United States: 1975 to 1983

[**In millions of dollars.** Investment at yearend]

Year	Petroleum investment	Income from investment	Area	Investment			Income		
				1980	1982	1983, prel.	1980	1982	1983, prel.
1975	6,213	714	Canada	1,817	1,509	1,374	141	–281	–193
1976	5,921	803	Europe [1]	10,137	15,271	16,774	2,607	2,707	2,143
1977	6,573	836	United Kingdom	–257	5,429	5,922	–16	878	879
1978	7,762	1,239	Netherlands	9,265	8,100	9,014	2,433	1,383	1,158
1979	9,906	2,037	Japan	–232	121	–325	3	(Z)	3
1980	12,200	2,865	Australia, New Zealand, and So. Africa	8	22	69	(Z)	9	1
1981	15,193	3,076	Latin America	413	905	783	113	37	–80
1982	17,829	2,466	Middle East	(Z)	16	4	–	–6	–8
1983	18,667	1,866	Africa, [2] Asia, and Pacific	57	–16	–12	(Z)	–	–

– Represents zero. Z Less than $500,000.
[1] Includes countries not shown separately. [2] Excludes South Africa.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* October 1984, and earlier issues.

No. 1262. Crude Petroleum and Natural Gas—Production, by State: 1966 to 1983

[See *Historical Statistics, Colonial Times to 1970*, series M 138 and M 142 for petroleum production, and series M 147–161 for natural gas production]

STATE	CRUDE PETROLEUM PRODUCTION (mil. bbl.)							NATURAL GAS MARKETED PRODUCTION [1] (bil. cu. ft.)						
	1966–1970, avg.	1971–1975, avg.	1976–1980, avg.	1980	1981	1982	1983	1966–1970, avg.	1971–1975, avg.	1976–1980, avg.	1980	1981	1982	1983
Total	**3,292**	**3,306**	**3,085**	**3,147**	**3,129**	**3,157**	**3,171**	**19,464**	**21,676**	**20,161**	**20,154**	**19,960**	**18,520**	**16,657**
AL	8	11	19	22	21	20	19	(z)	16	75	65	79	75	72
AK	53	73	357	592	587	619	626	41	134	202	231	243	264	267
AR	21	17	19	18	18	19	19	146	147	108	112	93	125	85
CA	365	337	346	357	385	402	405	683	447	307	310	381	384	396
CO	30	34	35	30	30	31	29	120	136	188	188	196	210	168
FL	2	27	47	43	35	26	19	(z)	27	48	41	32	23	23
IL	54	32	24	23	24	28	29	5	1	1	2	1	1	1
IN	9	6	5	5	5	6	5	(z)	(z)	(z)	(z)	(z)	(z)	(z)
KS	94	68	58	60	66	71	72	868	880	800	795	640	430	438
KY	14	9	6	6	7	7	8	83	66	63	57	61	52	47
LA	804	809	533	469	449	458	480	6,446	7,828	7,181	6,639	6,780	6,172	5,288
MI	13	16	33	34	33	31	32	37	55	143	158	153	153	136
MS	60	56	40	36	34	33	31	138	95	118	175	181	167	151
MT	40	34	31	30	31	31	29	32	44	49	52	57	57	52
NE	13	8	6	6	7	7	6	8	3	3	3	3	2	2
NM	127	105	82	75	72	71	75	1,101	1,213	1,188	1,150	1,134	991	890
ND	24	21	28	40	45	47	51	39	30	30	42	43	54	70
OH	11	9	11	13	14	15	15	46	88	113	139	141	138	125
OK	225	190	152	150	154	159	159	1,455	1,701	1,800	1,892	2,019	1,934	1,730
PA	4	3	3	3	4	4	4	85	79	95	97	122	121	109
TX	1,142	1,261	1,081	977	945	925	903	7,570	8,276	7,044	7,116	6,190	6,469	5,913
UT	24	33	31	25	26	22	30	51	46	65	88	91	94	107
WV	3	3	2	2	3	3	4	227	203	153	157	161	151	134
WY	146	141	133	126	131	118	118	275	351	368	410	410	425	427
Other	5	3	4	5	3	4	3	10	10	19	27	28	28	26

Z Less than 500 million cubic feet. [1] 1980 and thereafter, excludes nonhydrocarbon gases.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Natural Gas Production and Consumption*, annual, *Natural Gas Monthly Report, Petroleum Statement*, annual, and *Petroleum Supply Annual, State Energy Overview.*

No. 1263. Natural Gas—Supply, Production, Consumption, Reserves, and Marketed Production: 1970 to 1983

[See also *Historical Statistics, Colonial Times to 1970*, series M 147–161]

ITEM	Unit	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Producing wells (yearend)	1,000	117	124	132	138	148	157	170	182	199	211	(NA)
Production value at wells	Bil. dol	3.7	5.0	9.0	11.6	15.8	18.2	24.2	32.1	39.5	45.6	43.1
Avg. per 1,000 cu. ft	Cents	17.1	21.6	44.5	56.0	79.0	90.5	117.6	160.3	198.0	246.0	260.0
Proved reserves [1]	Tril. cu. ft	291	250	228	216	207	208	201	199	202	204	202
Total supply [2]	**Bil. cu. ft**	**24,200**	**25,213**	**22,821**	**22,837**	**22,786**	**23,097**	**23,772**	**22,515**	**22,191**	**21,000**	**19,877**
Marketed production [3]	Bil. cu. ft	21,921	22,648	20,109	19,952	20,025	19,974	20,471	20,154	19,956	18,520	16,657
Drawn from storage	Bil. cu. ft	1,459	1,533	1,760	1,921	1,750	2,158	2,047	1,972	1,930	2,165	2,153
Imports [4]	Bil. cu. ft	821	1,033	953	963	1,011	966	1,253	985	904	933	918
Consumption, total	Bil. cu. ft	21,139	22,049	19,538	19,946	19,521	19,627	20,241	19,877	19,404	18,001	17,026
Residential	Bil. cu. ft	4,837	4,879	4,924	5,051	4,821	4,903	4,965	4,752	4,546	4,633	4,530
Commercial [5]	Bil. cu. ft	2,399	2,597	2,508	2,668	2,501	2,601	2,786	2,611	2,520	2,606	2,530
Industrial	Bil. cu. ft	9,249	10,185	8,365	8,598	8,474	8,405	8,398	8,198	8,055	6,941	6,492
Lease and plant fuel	Bil. cu. ft	1,399	1,496	1,396	1,634	1,659	1,648	1,499	1,026	928	1,109	996
Other industrial	Bil. cu. ft	7,851	8,689	6,968	6,964	6,815	6,757	6,899	7,172	7,128	5,831	5,496
Electric utilities	Bil. cu. ft	3,932	3,660	3,158	3,081	3,191	3,188	3,491	3,682	3,640	3,226	2,912
Transportation [6]	Bil. cu. ft	722	728	583	548	533	530	601	639	642	596	563
Extraction losses [7]	Bil. cu. ft	906	917	872	854	863	852	808	777	775	762	685
Exports	Bil. cu. ft	70	77	73	65	56	53	56	49	59	52	55
Stored	Bil. cu. ft	1,857	1,974	2,104	1,756	2,307	2,278	2,295	1,949	2,228	2,472	1,685
Adjustments	Bil. cu. ft	228	196	235	216	41	287	372	639	501	475	426
World production (dry)	Tril. cu. ft	37.54	43.15	44.12	46.12	47.31	48.73	51.87	53.78	54.53	53.60	(NA)
U.S. production (dry)	Tril. cu. ft	21.01	21.73	19.24	19.10	19.16	19.12	19.66	19.40	19.18	17.76	15.90
Percent U.S. of world	Percent	56.0	50.4	43.6	41.4	40.5	39.2	37.9	36.1	35.2	33.1	(NA)

NA Not available.
[1] Estimated, end of year. Source: 1970–1976; American Gas Association, Arlington, VA. (Copyright.) [2] Excludes in transit receipts and deliveries at U.S. borders between 1976 and 1982; beginning 1980, includes supplemental gas supplies not listed. [3] Marketed production includes gross withdrawals from reservoirs less quantities used for reservoir repressuring and quantities vented or flared. For 1980 and thereafter it excludes the nonhydrocarbon gases subsequently removed. thereafter U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves*, annual. [4] Includes imports of liquefied natural gas. [5] Includes deliveries to municipalities and public authorities for institutional heating and other purposes. [6] Pipeline fuel. [7] Volumetric reduction in natural gas resulting from the extraction of natural gas constitutents at natural gas processing plants.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review, International Energy Annual*, September 1983, and *Monthly Energy Review*, Feb. 1984.

No. 1264. Natural Gas Plant Liquids—Production and Value: 1965 to 1983

[**Barrels of 42 gallons.** See also *Historical Statistics, Colonial Times to 1970*, series M 143-146]

ITEM	Unit	1965	1970	1973	1975	1977	1978	1979	1980	1981	1982	1983
Total produced	Mil. bbl.	**442**	**606**	**634**	**596**	**590**	**572**	**578**	**576**	**581**	**562**	**565**
Natural gasoline and mixtures	Mil. bbl.	130	165	161	134	133	126	106	108	106	92	72
Liquefied petroleum gases (incl. ethane)	Mil. bbl.	268	400	447	444	443	432	444	441	459	459	480
Unfractionated stream (net) and other	Mil. bbl.	44	41	26	18	14	14	28	27	15	11	13
All light products:												
Average value	*Dol. per bbl.*	*2.06*	*2.10*	*2.93*	*4.65*	*6.85*	*7.85*	*(NA)*	*(NA)*	*(NA)*	*(NA)*	*(NA)*
Average yield	Gal. per 1,000 cu ft.	1.35	1.37	1.35	1.42	1.41	1.41	1.47	1.63	1.65	1.68	[1] 1.80
Natural gas processed	Tril. cu ft.	14	19	20	18	18	17	16	15	15	14	[1] 13.0

NA Not available. [1] Estimated.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Petroleum Statement Annual,* and *Petroleum Supply Annual.*

No. 1265. Coal and Coke—Summary: 1965 to 1983

[*Includes coal consumed at mines. Demonstrated coal reserve base for United States on Jan. 1, 1983, was 490 billion tons.* Recoverability varies between 40 and 90 percent for individual deposits; 50 percent or more of overall U.S. coal reserve base is believed to be recoverable. See also *Historical Statistics, Colonial Times to 1970*, series M 93-126]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983[1]
COAL [2]											
Total production	Mil. sh. tons	527	613	655	697	670	781	830	824	838	785
Value	Mil. dol.	2,398	3,878	12,671	13,908	14,664	18,552	20,452	21,748	22,850	22,070
World production	*Mil. sh. tons*	*3,079*	*3,295*	*3,673*	*3,840*	*3,921*	*4,121*	*4,197*	*4,228*	*4,382*	*(NA)*
Bituminous coal and lignite:[3]											
Number of mines	Number	7,228	5,601	6,168	6,077	6,229	6,150	6,200	5,578	5,628	(NA)
Production	Mil. sh. tons	512	603	648	691	665	776	824	818	838	785
Value, total	Mil. dol.	2,276	3,773	12,472	13,705	14,486	18,359	20,196	21,514	22,850	22,070
Average per ton	Dollars	4.44	6.26	19.23	19.82	21.78	23.65	24.52	26.29	27.26	28.13
Method of mining:											
Underground	Mil. sh. tons	333	339	292	266	242	320	337	316	339	311
Surface	Mil. sh. tons	179	264	356	425	423	456	487	502	499	474
Percent of total production	Percent	35.1	43.8	54.8	61.5	63.6	58.7	59.0	61.4	59.5	60.4
Exports	Mil. sh. tons	50	71	66	54	40	65	90	110	106	78
Value	Mil. dol.	465	951	3,233	2,626	2,004	3,328	4,523	5,809	5,997	4,061
Imports	1,000 sh. tons	184	36	940	1,647	2,953	2,059	1,194	1,043	742	1,271
Value	Mil. dol.	2	(z)	22	39	75	51	30	30	30	54
Consumption [4]	Mil. sh. tons	459	516	556	620	621	677	699	729	707	737
Electric power utilities	Mil. sh. tons	243	319	404	476	480	526	568	596	594	625
Industrial	Mil. sh. tons	197	184	146	138	133	144	126	128	105	103
Productivity average:[5]											
Daily employment	1,000	134	140	190	221	242	224	225	226	217	176
Days worked	Number	219	228	232	210	166	206	210	186	196	197
Tons per worker:											
Per day	Tons	*17.52*	*18.84*	*14.74*	*14.84*	*14.68*	*15.33*	*16.32*	*18.08*	*18.13*	*21.19*
Per year	Tons	3,829	4,296	3,420	3,235	2,952	3,158	3,427	3,363	3,497	(NA)
Production, by State:											
Alabama	Mil. sh. tons	14.8	20.6	22.6	21.5	20.6	23.9	26.4	24.5	26.6	23.1
Illinois	Mil. sh. tons	58.5	65.1	59.5	53.5	48.6	59.5	62.5	51.9	60.3	56.8
Indiana	Mil. sh. tons	15.6	22.3	25.1	27.8	24.2	27.5	30.9	29.3	31.8	31.9
Kentucky	Mil. sh. tons	85.8	125.3	143.6	146.3	135.7	149.8	150.1	157.6	150.2	139.4
Montana	Mil. sh. tons	.4	3.4	22.1	27.2	26.6	32.5	29.9	33.6	27.9	28.8
Ohio	Mil. sh. tons	39.4	55.4	46.8	47.9	41.2	43.5	39.4	37.4	36.5	34.3
Pennsylvania	Mil. sh. tons	80.3	80.5	84.1	84.6	81.5	89.2	87.1	78.1	79.4	66.3
Virginia	Mil. sh. tons	34.1	35.0	35.5	37.6	31.9	37.0	41.0	42.0	39.8	34.6
West Virginia	Mil. sh. tons	149.2	144.1	109.3	95.4	85.3	112.4	121.6	112.8	128.5	113.6
Wyoming	*Mil. sh. tons*	*3.3*	*7.2*	*23.8*	*46.0*	*58.3*	*71.8*	*94.9*	*103.0*	*103.0*	*112.0*
Other States	Mil. sh. tons	30.9	44.0	76.0	103.5	111.2	129.2	139.8	148.2	154.1	144.1
COKE											
Production [6]	Mil. sh. tons	66.9	66.5	57.2	53.5	49.0	52.9	46.1	42.8	28.1	25.8
Oven coke [7]	Mil. sh. tons	65.2	65.7	56.5	53.1	49.0	52.9	46.1	42.8	28.1	25.8
Value of product at plant	Mil. dol.	1,429	2,193	5,261	5,536	6,557	6,662	6,029	(NA)	(NA)	(NA)
Coke and breeze	Mil. dol.	1,118	1,899	4,607	4,653	5,635	5,459	4,784	(NA)	NA)	(NA)
Avg. market value per ton	Dollars	16.84	27.71	84.34	84.56	97.06	97.56	102.73	112.80	114.53	113.87
Coal charged	Mil. sh. tons	95.3	96.5	83.6	77.7	71.4	77.4	66.7	61.0	40.9	37.0
Average value per ton	Dollars	9.40	12.47	44.21	46.26	52.10	50.70	56.26	62.86	64.97	59.30
Yield of coke from coal	Percent	70.4	69.1	68.4	68.8	68.6	68.4	69.2	70.1	68.7	69.7

NA Not available. Z Less than $500,000. [1] Preliminary. [2] Includes bituminous coal, lignite, and anthracite. [3] All domestic product data for 1965-1978 are for mines producing 1,000 short tons or more per year; thereafter, data are for all mines. Beginning 1982, includes anthracite, which accounts for approximately 0.5 percent of total coal production. [4] Includes some categories not shown separately. [5] Data for 1965-1978 are for mines producing 1,000 short tons or more per year; thereafter, for mines producing 10,000 short tons or more. Beginning 1982, includes all types of coal. [6] Includes beehive coke. [7] Prior to 1978, excludes screenings or breeze; thereafter, includes beehive and other nonrecoverable coke-oven operations.

Source: 1965 to 1975, U.S. Bureau of Mines, *Mineral Yearbook;* 1977 to 1981, U.S. Energy Information Administration, *Energy Data Reports, Weekly Coal Production; Coal Production,* annual; *Coke Plant Report,* and *Quarterly Coal Report.*

No. 1266. World Coal Trade: 1973 to 1982

[In millions of short tons]

COUNTRIES	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
EXPORTING COUNTRIES										
Total [1]	**190.9**	**209.9**	**212.5**	**211.2**	**224.7**	**222.5**	**254.9**	**283.6**	**298.8**	**296.2**
United States	53.6	60.7	66.3	60.0	54.3	40.7	66.0	91.7	112.5	106.3
Australia	31.0	32.5	33.5	34.3	42.3	42.6	44.6	47.2	54.8	54.9
South Africa	2.1	2.5	3.0	6.6	14.0	17.0	25.7	31.4	33.0	30.3
Soviet Union	27.0	28.9	28.8	29.6	31.1	31.6	28.4	28.2	24.3	23.9
West Germany	15.3	19.2	16.2	14.4	16.0	21.0	17.2	14.0	13.6	10.6
Canada	12.1	11.9	12.9	13.0	13.3	15.1	15.3	15.8	17.7	17.6
Poland	39.5	44.1	42.4	42.9	43.3	44.2	45.6	34.5	16.5	31.2
China	[2].3	[2].4	[2].5	.4	.5	.9	1.7	6.8	(NA)	(NA)
IMPORTING COUNTRIES										
Total [1]	**190.9**	**209.9**	**212.5**	**210.2**	**224.7**	**222.5**	**254.9**	**283.6**	**298.8**	**296.2**
Western Europe	67.0	79.3	80.8	80.2	85.9	94.3	107.4	123.0	126.8	121.7
Japan	62.7	70.7	68.5	67.0	67.1	57.5	64.5	75.6	86.4	86.3
Eastern Europe	36.3	35.6	35.1	35.4	36.8	38.4	40.2	33.6	33.7	33.2
Canada	16.5	13.6	16.8	16.1	16.9	14.6	19.4	17.5	18.2	18.6

NA Not available. [1] Includes countries not shown separately. [2] Includes trade with Japan only.

Source: U.S. Energy Information Administration, *Annual Prospects for World Coal Trade 1984.*

No. 1267. Cement, Sand, Gravel, Stone, Gypsum, Lime, and Phosphate Rock: 1965 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series M 188–194 and series M 203–204. Lime excludes Puerto Rico]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Cement production [1]	**Mil. sh. ton**	**73.1**	**76.1**	**69.7**	**80.1**	**85.5**	**85.9**	**76.7**	**72.9**	**64.3**	**71.3**
Portland	Percent	95.5	96.1	95.8	95.3	95.2	95.6	95.9	96.2	96.5	95.9
Shipments [2]	Mil. sh. ton	73.6	76.4	70.7	81.6	88.0	87.2	77.7	73.0	65.1	71.9
Portland	Mil. sh. ton	70.3	73.4	67.8	77.9	83.8	83.4	74.7	70.2	62.7	68.9
Value	Mil. dol	1,245	1,366	2,220	3,000	3,623	4,061	3,780	3,666	3,199	3,440
Average per ton	Dollar	16.91	17.88	31.41	36.76	41.17	46.57	50.89	52.20	51.04	49.89
Imports	Mil. sh. ton	1.0	2.5	3.6	4.0	6.6	9.4	5.3	4.0	2.9	4.3
Value	Mil. dol	14	34	71	94	191	302	196	151	111	161
Exports	1,000 sh. ton	141	123	417	236	55	149	186	300	201	118
World production (est.)	Mil. sh. ton	478	630	774	879	940	962	974	979	969	1,020
Sand and gravel sold [3]	**Mil. sh. ton**	**908**	**944**	**789**	**929**	**996**	**979**	**793**	**720**	**621**	**682**
Value	Mil. dol	957	1,116	1,340	2,028	2,302	2,427	2,289	2,260	1,998	2,270
Stone sold or used by producers	**Mil. sh. ton**	**780**	**869**	**901**	**955**	**1,051**	**1,101**	**985**	**874**	**791**	**864**
Value	Mil. dol	1,204	1,470	2,120	2,457	2,886	3,399	3,405	3,276	3,063	3,486
Crude gypsum: [4]											
Active establishments [5]	Number	113	108	110	115	116	113	114	113	109	111
Apparent supply	Mil. sh. ton	15.9	15.5	15.1	20.3	23.1	22.3	19.7	18.9	17.1	20.8
Mined	Mil. sh. ton	10.0	9.4	9.8	13.4	14.9	14.6	12.4	11.5	10.5	12.9
Imports for consumption	Mil. sh. ton	5.9	6.1	5.4	7.1	8.3	7.8	7.4	7.6	6.7	8.0
Exports	1,000 sh. ton	28	41	75	143	132	91	88	157	123	117
Calcined gypsum produced	**Mil. sh. ton**	**9.3**	**8.4**	**9.2**	**12.6**	**14.0**	**14.5**	**11.8**	**11.7**	**11.2**	**13.9**
Value	Mil. dol	133	132	186	278	387	442	270	243	196	270
Gypsum products sold, value [6]	**Mil. dol**	**420**	**353**	**514**	**911**	**1,248**	**1,392**	**1,242**	**1,196**	**1,122**	**1,606**
Building uses, value	Mil. dol	391	323	466	843	1,171	1,312	1,149	1,099	1,032	1,504
Lime:											
Active plants	**Number**	**212**	**194**	**171**	**161**	**155**	**154**	**153**	**150**	**147**	**139**
Quantity sold	1,000 sh. ton	16,794	19,747	19,133	19,947	20,443	20,945	19,010	18,856	14,075	14,867
Value	Mil. dol	233	286	524	666	750	862	843	884	696	758
Per ton	Dollars	13.87	14.49	27.38	33.41	36.67	41.18	44.34	46.89	49.46	50.96
Phosphate rock:											
Mine production	**Mil. ton**	**84.3**	**125.5**	**187.5**	**184.0**	**191.2**	**204.8**	**231.4**	**202.5**	**114.8**	**138.6**
P_2O_5 content	Mil. ton	14.3	18.6	23.5	22.4	23.5	25.4	26.2	25.2	14.8	19.4
Marketable production	Mil. ton	29.5	38.7	48.8	52.1	55.2	56.9	60.0	59.1	41.2	46.9
P_2O_5 content	Mil. ton	9.1	12.0	15.0	16.1	16.9	17.5	18.4	18.0	12.7	14.4
Value	Mil. dol	193	203	1,122	822	929	1,046	1,257	1,438	950	1,021
Per ton	Dollars	6.55	5.25	22.99	15.77	16.84	18.38	20.95	24.33	23.04	21.75
Imports [7]	Mil. sh. ton	.15	.14	.04	.17	1.00	.98	.54	.01	.03	.01
Value	Mil. dol	3.0	3.8	1.6	6.1	24.4	21.6	12.9	.4	1.3	.4
Per ton	Dollars	20.14	27.87	43.83	35.02	24.38	22.04	23.99	30.00	38.29	43.04
Exports	Mil. sh. ton	7.3	11.7	12.3	14.6	14.2	15.8	15.7	11.5	10.8	13.2
P_2O_5 content	Mil. sh. ton	2.3	3.8	4.0	4.7	4.5	5.1	5.0	3.6	3.5	4.2
Value	Mil. dol	51.1	60.0	429.2	288.6	297.4	356.5	431.4	373.2	293.6	327.3
Per ton	Dollars	6.98	5.11	34.98	19.79	20.94	22.56	27.41	32.57	27.06	24.73
Consumption, apparent [8]	Mil. sh. ton	21.9	27.2	34.2	37.9	40.6	43.6	45.0	38.7	31.7	38.4
World production	Mil. sh. ton	70.3	93.6	118.6	131.5	137.8	145.3	153.5	152.3	134.7	148.8

[1] Includes Puerto Rico; excludes Alaska except for imports and exports. [2] Includes natural, slag, and hydraulic lime plants, not shown separately, except 1970 excludes slag cement. [3] Represents sand stone and gravel used by producers. [4] Excludes byproduct gypsum. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. [5] Each mine, plant, or combination mine and plant is counted as one establishment. [6] Made from domestic, imported, and byproduct gypsum. [7] For consumption; P_2O_5 content not available. [8] Amount sold or used plus imports minus exports.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1268. Potash—Summary: 1965 to 1983

[In thousands of short tons, except value. See also *Historical Statistics, Colonial Times to 1970*, series M 201-202]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Production of potassium salts (marketable)	5,401	4,853	4,576	4,675	4,769	4,708	4,756	4,578	3,710	3,053
Approximate equivalent K_2O	3,140	2,729	2,501	2,457	2,483	2,453	2,468	2,377	1,966	1,575
Value [1] (mil. dol.)	129.8	98.1	223.1	206.9	226.5	279.2	(NA)	(NA)	(NA)	(NA)
Sales of potassium salts by producers	5,027	4,703	3,619	4,675	4,804	5,014	4,701	4,045	3,734	3,252
Approximate equivalent K_2O	2,931	2,729	2,094	2,460	2,543	2,632	2,444	2,103	1,967	1,668
Value at plant (mil. dol.)	121.2	92.4	187.9	206.9	226.5	279.2	353.9	328.9	265.6	220.8
Per ton (dollars)	24.10	19.64	49.19	44.22	47.15	55.68	75.28	81.31	71.13	67.90
Imports for consumption of potash materials	1,867	4,403	6,271	8,386	8,556	9,375	9,031	8,712	6,986	8,071
Approximate equivalent K_2O	1,108	2,605	3,797	5,076	5,189	5,693	5,481	5,287	4,253	4,894
Value (mil. dol.)	52.7	94.7	267.2	373.8	399.2	520.8	648.0	750.4	575.4	600.6
Exports of potash materials	1,099	966	1,419	1,650	1,577	1,233	1,746	978	1,049	622
Approximate equivalent K_2O	648	544	779	932	892	700	926	541	572	331
Value (mil. dol.)	42.5	28.5	92.7	90.2	88.6	79.5	179.8	107.9	93.2	55.8
Apparent consumption of potassium salts [2]	5,795	8,140	8,671	11,405	11,782	13,156	11,987	11,779	9,671	10,701
Approximate equivalent K_2O	3,391	4,730	5,112	6,604	6,840	7,626	6,999	6,849	5,647	6,231
World production (marketable), approximate equivalent K_2O	15,100	20,013	27,269	27,836	28,795	28,404	30,707	29,851	27,187	29,407

NA Not available. [1] Derived from reported value of amount sold or used. [2] Amount sold or used plus imports minus exports.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1269. Sulfur—Summary: 1965 to 1983

[In thousands of long tons, except value. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 195-199]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production, sulfur, all forms [1]	**8,212**	**9,557**	**11,259**	**10,707**	**10,558**	**10,999**	**11,910**	**11,679**	**11,953**	**9,632**	**9,143**
Sulfur from Frasch mines	6,116	7,082	7,211	6,264	5,822	5,559	6,257	6,289	6,248	4,144	3,151
Recovered elemental sulfur	1,215	1,457	2,969	3,138	3,567	3,998	4,006	4,009	4,192	4,334	4,677
Pyrites, sulfur content only	354	339	237	286	166	296	394	317	302	261	(D)
Gross weight of total pyrites	875	845	625	750	435	766	1,033	834	784	665	(D)
Byproduct sulfuric acid [2]	388	537	767	942	945	1,086	1,146	987	1,141	815	818
Shipments, Frasch mines	7,251	6,504	6,077	5,860	5,935	5,645	7,388	7,283	5,817	3,541	4,046
Approximate value (mil. dol.)	165	152	305	300	295	280	449	721	716	435	445
Avg. value per long ton (dol.)	23	24	50	51	50	50	61	99	123	123	110
Imports for consumption:											
Crude sulfur	1,486	1,537	1,897	1,727	1,977	2,143	2,455	2,483	2,482	1,875	1,668
Pyrites, sulfur content [3]	160	130	–	–	–	–	–	–	–	–	–
Exports, sulfur	2,635	1,433	1,352	1,270	1,178	852	2,012	1,754	1,370	946	976

– Represents zero. D Withheld to avoid disclosure of individual company data. [1] Includes other byproduct sulfur compounds, not shown separately. [2] Represents sulfur content. Produced at copper, lead, and zinc plants. [3] Estimate.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1270. Lead—Summary: 1965 to 1983

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports and as noted. See also *Historical Statistics, Colonial Times to 1970*, series M 242-248]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Smelter production of refined primary lead	**418**	**667**	**636**	**653**	**605**	**623**	**634**	**604**	**546**	**565**	**567**
Domestic ores and base bullion [1]	305	528	530	569	536	553	584	560	485	507	506
Foreign ores and base bullion	113	139	106	84	68	70	50	43	61	58	61
Recovery of secondary lead	576	597	658	727	835	848	883	745	707	630	555
Imports, general:											
Lead in pigs and bars	223	244	101	146	261	244	211	90	112	101	144
Lead in ores and matte	123	112	88	76	73	58	44	49	65	39	52
Exports of refined pig lead [2]	8	8	21	6	10	9	12	181	26	56	19
Consumption of metal, primary and secondary	1,241	1,361	1,297	1,490	1,582	1,579	1,497	1,180	1,287	1,185	1,266
Average price, common lead:											
New York (cents per lb.)	16.00	15.69	21.53	23.10	30.70	33.65	52.64	42.46	36.53	25.54	21.68
London (cents per lb.)	14.37	13.76	18.73	20.46	28.00	29.86	54.52	41.21	33.30	24.66	19.27
Mine production of recoverable lead [3]	301	572	621	610	592	584	579	607	491	565	495
Value [3] (mil. dol.)	94	179	267	282	364	394	610	515	359	289	215
World smelter production, primary (est.)	2,911	3,628	3,633	3,568	3,516	3,466	3,611	3,496	3,425	3,486	3,537
World smelter capacity	(NA)	(NA)	(NA)	5,190	5,255	5,230	5,241	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Excludes lead content of antimonial lead. [2] Pigs, bars, and anodes. [3] Includes Alaska.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and *Mineral Facts and Problems*.

NO. 1271. IRON ORE—SUMMARY: 1965 TO 1983

[**In millions of long tons, except as indicated.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 205–211]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Number of mines	183	74	67	65	54	51	49	37	32	27	20
Production [1]	**87.4**	**89.8**	**78.9**	**80.0**	**55.8**	**61.6**	**65.7**	**69.6**	**73.2**	**35.4**	**37.6**
Lake Superior	66.4	69.6	66.7	67.4	44.0	52.7	57.2	62.3	67.5	31.0	35.6
Northeastern	5.2	3.5	1.9	2.4	2.0	} 8.9	8.6	7.3	5.7	4.4	2.0
Western	[2] 13.1	14.3	9.6	10.1	9.8						
Hematite [3]	47.0	33.6	19.2	19.3	11.5	15.9	13.9	11.8	10.6	6.7	5.4
Magnetite [3]	36.9	53.8	58.4	59.3	43.1	64.8	71.0	57.8	62.6	28.7	32.2
Other	3.5	2.4	1.2	1.4	1.1	.8	.8	–	–	–	–
Shipments [4]	84.1	87.2	75.7	77.1	54.1	83.2	86.2	69.6	72.2	35.8	44.6
Value [4] (mil. dol.)	801	942	1,621	1,871	1,423	2,401	2,814	2,544	2,915	1,492	1,945
Average price per ton at mine (dol.)	9.53	10.80	21.41	24.28	26.32	28.86	32.64	36.56	40.39	41.72	43.61
Stocks, Dec. 31 (at mines)	12.7	15.3	12.3	14.0	14.8	12.4	11.3	11.7	12.7	12.1	3.2
Price (Lake Superior ores) Dec. 31:											
Natural ores, basis 51.5% Fe (dol./lg. ton)	10.55	10.80	18.50	20.26	21.18	22.30	24.56	28.50	32.53	32.53	30.03
Imports for consumption [5]	45.1	44.9	46.7	44.4	37.9	33.6	33.8	25.1	28.3	14.5	13.2
Canada	23.8	23.9	19.1	25.0	25.3	19.2	22.6	17.3	18.8	9.3	8.8
Venezuela	12.3	13.0	13.1	9.0	6.2	6.1	4.6	3.6	5.1	1.6	1.3
Brazil	2.3	2.0	7.5	5.4	2.2	4.0	3.1	2.0	1.7	1.0	1.3
Value (mil. dol.)	444	480	860	980	957	845	923	773	948	471	446
Exports	7.1	5.5	2.5	2.9	2.1	4.2	5.1	5.7	5.5	3.2	3.8
Value (mil. dol.)	80	68	60	82	63	137	179	231	245	151	183
World production (est.)	611	754	902	885	828	833	869	877	842	769	730

– Represents zero. [1] Includes Southeastern district and byproduct ore, not shown separately. [2] Includes undistributed.
[3] Predominant mineral. [4] Beginning 1976, includes byproduct ore. [5] Includes countries not shown separately.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

NO. 1272. GOLD AND SILVER—SUMMARY: 1965 TO 1983

[See *Historical Statistics, Colonial Times to 1970*, series M 266–269, for mine production]

ITEM	Unit	1965	1970	1975	1976	1979	1980	1981	1982	1983, prel.
GOLD										
Ore produced [1]	1,000 sh. ton	3,113	3,687	5,722	4,292	7,046	9,893	12,729	17,918	23,516
Production, U.S.	1,000 fine oz	1,705	1,743	1,052	999	964	970	1,379	1,466	1,957
Value	Mil. dol.	60	63	170	193	297	594	634	551	830
World production	1,000 fine oz	46,225	47,522	38,476	39,057	38,830	39,205	41,249	43,057	44,533
Industrial consumption U.S., net	1,000 fine oz	5,276	5,973	3,993	4,738	4,785	3,215	3,276	3,423	3,060
Imports [2]	Mil. dol.	102	237	457	903	1,460	2,750	2,157	1,894	1,977
Canada	Mil. dol.	2	152	182	339	565	1,234	1,314	1,124	987
Soviet Union	Mil. dol.	–	–	1	287	549	88	22	4	–
South Africa	Mil. dol.	(z)	(z)	6	1	3	33	188	38	16
Exports	Mil. dol.	1,285	36	493	1,114	4,908	3,648	3,072	1,089	1,326
Price per fine oz. [3]	Dollars	35.0	36.4	161.5	193.6	307.5	612.6	459.6	375.9	424.0
Production: [4]										
Nevada	1,000 fine oz	[5] 205	480	333	261	250	278	525	757	920
South Dakota	1,000 fine oz	[5] 656	579	305	286	246	268	278	185	310
Utah	1,000 fine oz	[5] 389	408	190	236	261	160	228	175	238
SILVER										
Ore produced [1] [6]	1,000 sh. ton	958	934	919	1,840	1,822	2,936	5,579	6,636	8,618
Production, U.S.	1,000 fine oz	39,806	45,006	34,936	39,385	37,896	32,329	40,683	40,248	43,415
Value	Mil. dol.	51	80	154	213	420	667	428	320	497
World production	1,000 fine oz	257,415	300,991	303,112	344,978	348,120	344,026	361,781	383,766	390,618
Industrial consumption U.S., net [7]	1,000 fine oz	137,000	128,404	157,650	160,165	157,258	124,694	116,870	118,840	116,291
Imports [8]	Mil. dol.	63	104	394	389	962	1,606	1,028	927	2,124
Canada	Mil. dol.	26	64	150	180	277	660	375	303	420
Mexico	Mil. dol.	8	9	96	94	257	282	228	205	340
Peru	Mil. dol.	13	19	76	85	188	354	273	143	269
Exports	Mil. dol.	51	49	148	119	471	1,910	332	209	377
Price per fine oz. [3] [9]	Dollars	1.29	1.77	4.42	5.40	11.09	20.63	10.52	7.95	11.44
Production: [4]										
Idaho	Mil. fine oz	18.1	19.1	13.9	18.4	17.1	13.7	16.5	14.8	17.7
Arizona	Mil. fine oz	6.1	7.3	6.3	6.6	7.5	6.3	8.1	6.3	4.5
Utah	Mil. fine oz	5.2	6.0	2.8	2.9	2.5	2.2	2.9	4.3	4.6
Colorado	Mil. fine oz	2.0	2.9	3.4	4.2	2.8	3.0	3.0	1.9	2.1

– Represents zero. Z Less than $500,000. [1] Gold and silver are also produced from base-metal ores and placers. In 1975, those sources accounted for 38 percent of gold produced and 65 percent of silver. [2] General imports, 1965–1975; imports for consumption, beginning 1976. [3] Selling price. [4] Source: 1965, U.S. Bureau of the Mint, *Annual Report of the Director*. [5] Refinery production. [6] Includes gold-silver ore.
[7] Excludes coinage. [8] General imports, 1965–1975; thereafter, imports for consumption. [9] New York price.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1273. Copper—Summary: 1965 to 1983

[In thousands of short tons, except as indicated. Excludes Hawaii and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970,* series M 235-241]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, prel.
New (primary) copper produced:										
Mines (from domestic ores)	1,352	1,720	1,413	1,504	1,496	1,595	1,302	1,696	1,264	1,144
Copper ore produced [1] (mil. sh. tons)	173	258	263	260	264	306	244	306	201	196
Average yield of copper (percent)	.70	.59	.47	.52	.51	.47	.48	.51	.55	.51
Smelters (from domestic ores)	1,403	1,605	1,374	1,394	1,400	1,448	1,096	1,427	1,037	979
Percent of world total	23	24	17	16	16	16	13	16	11	11
Refineries (from domestic ores)	1,336	1,521	1,286	1,411	1,463	1,557	1,241	1,577	1,173	1,106
From foreign ores, matte, etc., refinery	*376*	*244*	*157*	*85*	*134*	*114*	*98*	*125*	*179*	*197*
Total new refined, domestic and foreign	1,712	1,765	1,443	1,496	1,597	1,671	1,339	1,702	1,352	1,303
Secondary copper produced	1,253	1,248	972	1,196	1,375	1,711	1,584	1,563	1,309	1,200
Recovered from old scrap only	513	504	369	452	553	666	676	659	571	502
Imports (unmanufactured) [2 3]	523	392	324	437	586	310	603	474	558	709
Refined	137	132	147	387	444	225	471	364	285	507
Exports of refined metallic copper	325	221	172	52	101	81	16	27	34	90
Stocks (producers), Dec. 31	281	470	519	580	459	374	354	472	552	362
Mine production of primary copper	1,352	1,720	1,413	1,504	1,496	1,595	1,302	1,696	1,264	1,144
Arizona	703	918	813	924	983	1,043	849	1,147	848	748
Montana	*115*	*120*	*88*	*86*	*74*	*77*	*42*	*69*	*72*	*37*
New Mexico	99	166	146	165	141	181	165	170	(D)	(D)
Utah	259	296	177	194	205	213	174	233	208	187
Other States	175	220	189	135	93	77	72	77	136	173
Avg. price, domestic production (cents per lb.)	35.4	58.2	64.2	66.8	66.5	93.3	102.4	85.1	74.3	79.3
World smelter production	6,105	6,752	8,069	8,967	8,759	8,833	8,759	9,199	9,128	9,153
World smelter capacity	(NA)	(NA)	(NA)	(NA)	10,900	11,180	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosure of individual company data. NA Not available. [1] Includes old tailings, smelted or retreated. Not comparable with mine production figures which include recoverable copper content of ores not classified as "copper." [2] Includes copper imported for immediate consumption plus material entering country under bond. Beginning 1977, *includes imports for consumption.* [3] *Comprises copper in ores and concentrates,* matte, refined, blister, and scrap.

No. 1274. Molybdenum Concentrates—Summary: 1965 to 1983

[In millions of pounds of contained molybdenum, except as indicated. See *Historical Statistics, Colonial Times to 1970,* series M 227-228, for production and exports of ores and concentrates]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Production	77.4	111.4	112.0	106.0	113.2	122.4	131.8	144.0	150.7	139.9	84.4	34.0
Shipments from mines	77.3	110.4	118.2	105.2	114.5	125.0	130.7	143.5	149.3	118.9	76.1	49.2
Average price per pound [1] (dol.)	1.75	1.92	2.24	2.74	3.26	4.02	4.86	6.07	9.00	6.85-8.50	8.50	(NA)
Value (mil. dol.)	120.8	190.1	234.7	259.3	333.5	450.4	607.9	871.1	1,344.2	945.5	504.1	167.2
Exports [2]	24.1	55.7	78.7	62.6	62.5	65.7	69.2	72.2	68.2	51.4	49.8	47.1
Imports for consumption	.1	(Z)	.2	2.6	2.1	2.0	2.7	2.3	1.8	2.0	3.1	1.1
Consumption	68.1	76.1	91.7	90.0	85.0	91.0	96.4	103.2	108.2	80.7	49.4	27.0
Stocks (industry), Dec. 31 [3]	4.2	9.7	18.7	10.7	9.4	9.2	9.0	9.5	18.1	35.0	38.5	36.4
World production, estimate	[4] 98.5	[4] 161.1	185.6	180.3	195.5	209.7	220.6	229.4	241.7	241.1	207.3	137.9

NA Not available. Z Less than 50,000 pounds. [1] Molybdenum in technical-grade oxide, f.o.b., plant of major producer, *domestic sales.* [2] Includes roasted concentrates. [3] At mines and at plants making molybdenum products. [4] Free world.

No. 1275. Cobalt—Summary: 1965 to 1983

[In millions of pounds of contained cobalt, except price]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production: Mine	1.2	.7	–	–	–	–	–	–	–	–	–	–
Secondary (scrap) [1]	.1	.1	.3	.3	.3	.5	1.0	1.2	1.2	1.0	.9	.7
Imports [2]	*15.4*	*12.4*	*16.1*	*6.6*	*16.5*	*17.5*	*19.0*	*20.0*	*16.3*	*15.6*	*12.9*	*17.2*
Zaire	(NA)	(NA)	7.5	2.2	6.8	7.5	7.9	8.8	6.2	4.2	5.0	7.7
Zambia	(NA)	(NA)	.1	–	1.7	2.4	2.1	3.5	2.2	1.5	1.2	2.3
Finland	(NA)	(NA)	.9	1.1	.8	1.3	.9	1.2	1.1	1.2	.8	1.0
Exports [3]	.1	1.5	1.3	1.8	1.8	.9	1.5	.7	.6	.8	.8	.8
Consumption	13.6	13.4	18.9	12.8	16.5	16.6	20.0	17.4	15.3	11.7	9.5	11.3
Inventories	103.8	81.0	56.0	49.5	44.1	44.5	45.2	44.2	43.3	42.2	45.1	47.3
Government [4]	102.2	79.1	54.0	47.6	41.0	40.9	40.8	40.8	40.8	40.8	43.8	45.9
Private [5]	1.6	1.9	2.0	1.8	3.2	3.7	4.4	3.4	2.5	1.4	1.3	1.4
Price per pound [6] (dollars): Low	1.62	2.20	3.46	3.98	4.44	5.58	6.40-20.00	20.00-25.00	25.00	17.26-25.00	8.56	5.76
High												

– Represents zero. NA Not available. [1] Reported consumption of purchased scrap. [2] Includes countries not shown separately. [3] Content of unwrought cobalt and cobalt alloys, and waste and scrap. [4] Includes cobalt sold but not delivered. [5] Consumer stocks only. [6] 1965-77 and 1980 weighted average based on the market price quoted by a major U.S. cobalt dealer; otherwise based on range of prices; 1982-83 weighted average "metals week" prices.

Source of tables 1273-1275: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1276. Nickel—Summary: 1965 to 1983

[**Quantities in thousands of short tons.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 231-234]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Mine production	16	16	17	17	16	14	14	15	15	12	3	-
Plant production:												
Primary [1]	14	16	14	14	14	13	11	12	11	10	3	(D)
Secondary [2]	51	49	65	42	47	45	44	57	40	(NA)	(NA)	(NA)
Imports (est. nickel content)	163	156	221	161	188	195	240	177	189	209	130	152
Exports (gross weight)	21	31	30	30	47	39	36	51	57	47	57	44
Consumption	172	156	208	146	163	155	181	196	156	145	104	128
Stocks (consumer), Dec. 31	14	25	45	35	32	19	20	20	15	23	19	20
Price per pound [3] (dollars)	.79	1.33	2.01	2.20	2.20	2.41	2.10	3.20	3.45	3.45	2.60	2.35
World production, est	468	693	849	890	873	913	725	756	859	803	705	759

- Represents zero. D Withheld to avoid disclosing company proprietary data. NA Not available. [1] From domestic ores. [2] Includes nickel recovered from iron and steel scrap. [3] Peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, U.S. duty included, f.o.b. Port Colborne, Ontario.

No. 1277. Tin—Summary: 1965 to 1983

[**In thousands of short tons, except price.** See headnote, table 1276, for exclusions]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Production: Domestic smelters	3.4	(D)	7.2	6.3	7.4	6.5	5.1	3.3	2.2	3.9	2.8
Secondary sources	28.1	22.4	17.5	18.1	20.4	23.3	23.7	20.5	17.0	15.8	16.3
Imports for consumption:											
Metal	45.7	56.7	48.9	49.7	52.7	51.6	53.3	50.7	50.6	30.8	37.5
Ore (tin content)	4.7	5.2	7.1	6.3	7.4	4.3	5.0	.9	.3	2.2	1.1
Exports	3.2	5.0	4.0	2.6	6.0	5.2	3.8	4.7	6.7	10.0	[1] 1.5
Price of Straits tin at NY, dol. per lb.[2]	1.78	1.74	3.40	3.80	5.35	6.30	7.54	8.46	7.33	6.54	6.55
Consumption	94	83	62	69	67	68	69	62	60	51	50
World mine production, est	225	256	245	241	254	266	270	273	279	261	233

D Withheld to avoid disclosure of individual company data. [1] Excludes reexports. [2] See footnote 5, table 1242.

No. 1278. Tungsten Concentrate—Summary: 1965 to 1983

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series M 225-226, for related data]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, prel.
Production:											
Concentrates (60% WO_3 basis) [1]	1,000 sh. ton	7.9	10.1	5.8	6.3	7.3	7.0	6.3	8.2	3.6	(NA)
Tungsten content	Mil. lb	7.6	9.3	5.5	6.0	6.9	6.6	6.0	7.8	3.5	2.2
Shipments from mines:											
Reported value f.o.b. mines	Mil. dol.	13.0	23.8	29.1	55.1	56.7	55.8	50.6	62.2	22.1	10.5
Avg. value per lb. of tungsten	Dollars	1.72	2.55	5.30	9.15	8.22	8.40	8.38	7.96	6.35	4.70
Imports, general [2]	Mil. lb	3.5	1.3	6.9	6.8	[3] 9.1	[3] 11.4	[3] 11.4	[3] 11.8	[3] 7.8	[3] 6.3
Consumption [2]	Mil. lb	13.9	16.7	14.0	17.1	18.8	21.6	20.4	21.7	9.9	11.4
Stocks,[2] end of year	Mil. lb	1.8	2.2	2.5	1.0	1.5	1.6	1.4	1.7	4.0	2.5
World production [2]	Mil. lb	59.6	71.4	84.5	90.5	101.5	107.1	114.4	108.1	99.9	85.7

NA Not available. [1] A short ton of 60% tungsten trioxide (WO_3) contains 951.72 pounds of tungsten. [2] Tungsten content. [3] Imports for consumption.

Source of tables 1276-1278: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1279. Uranium—Summary: 1965 to 1983

[See table 981. See also *Historical Statistics, Colonial Times to 1970*, series M 266-267]

ITEM	Unit	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Mine ore shipments [1]	Mil. sh. ton	4.4	6.3	7.0	8.6	10.3	14.3	15.0	16.7	14.5	8.8	(NA)
Recoverable content [2]	Mil. lb	20.8	25.6	24.0	27.0	31.8	37.6	31.4	40.0	33.4	21.0	(NA)
Value [3]	Mil. dol.	(NA)	(NA)	252.0	438.0	628.0	812.0	749.0	1,228.0	(NA)	(NA)	(NA)
Production, concentrate [2]	1,000 sh. ton	10.4	12.9	11.6	12.8	14.9	18.5	18.7	21.8	19.2	13.4	10.6
Export	1,000 sh. ton	(NA)	2.1	.5	.6	2.0	3.4	3.1	2.9	2.2	2.2	.9
Imports, concentrate [2] [4]	1,000 sh. ton	4.0	-	.7	1.8	2.8	2.6	1.5	1.8	3.3	8.5	3.4
World production [2] [5]	1,000 sh. ton	20.4	24.2	24.8	29.0	36.8	44.0	49.6	57.2	57.1	53.7	49.3

- Represents zero. NA Not available. [1] Receipts at mills. [2] U_3O_8. [3] Based on average price for delivery commitments during the year. [4] Mainly for enrichment and export of enriched uranium product, 1965-76; thereafter, for domestic consumption only. [5] Excludes communist countries.

Source: U.S. Dept. of Energy, *Statistical Data of The Uranium Industry, 1982; 1980 Annual Report to Congress*, vol. II; *OECD, Uranium Resources, Production and Demand*, February 1982, and *United States Uranium Mining and Milling Industry*, May 1984.

No. 1280. Zinc—Summary: 1965 to 1983

[**Production in thousands of short tons.** Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970,* series M 249-250, for production]

ITEM AND STATE	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Smelter production, primary slab zinc	**994**	**878**	**555**	**438**	**499**	**450**	**448**	**521**	**375**	**382**	**252**	**260**
Value (mil. dol.)	291	236	399	341	369	310	278	389	281	341	194	215
From domestic ores	551	404	347	308	382	355	295	281	256	286	213	232
From foreign ores	443	474	208	130	117	95	154	240	120	96	38	28
Production, redistilled secondary slab zinc	84	77	79	58	69	51	38	59	32	55	82	76
Avg. price of common zinc (cents per lb.)	14.5	15.3	36.0	39.0	37.1	34.4	31.0	37.3	37.4	44.6	38.5	41.4
World smelter production, est	4,353	5,321	6,183	5,526	5,986	6,407	6,483	6,900	6,668	6,701	6,465	6,807
World smelter and refining capacity	(NA)	(NA)	6,940	(NA)	7,545	7,666	8,487	8,524	(NA)	(NA)	(NA)	(NA)
Mine production, recoverable zinc	**611**	**534**	**500**	**469**	**485**	**450**	**334**	**295**	**350**	**344**	**334**	**303**
Colorado	54	57	49	48	51	40	24	11	15	(D)	(D)	(D)
Idaho	58	41	39	41	47	31	36	33	31	(D)	(D)	(D)
Missouri	4	51	92	75	84	82	65	68	69	58	70	63
New York	70	59	93	77	74	71	29	13	37	41	58	63
Tennessee	122	118	86	83	83	90	97	94	123	130	134	121
Other States	303	208	141	145	146	136	83	76	75	116	72	56

D Withheld to avoid disclosure of individual company data. NA Not available.

Source: U.S. Bureau of Mines, *Minerals Yearbook,* and *Mineral Facts and Problems.*

No. 1281. Bauxite—Summary: 1965 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series M 256-257]

ITEM	Unit	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production:												
Crude ore	Mil. lg. ton	2.0	2.5	2.2	2.4	2.4	2.0	2.2	1.8	1.8	.9	.8
Dried bauxite	*Mil. lg. ton*	1.7	2.1	1.8	2.0	2.0	1.6	1.8	1.5	1.5	.7	.7
Value	Mil. dol	18.6	30.1	25.1	26.6	27.6	23.2	24.9	22.4	26.5	12.3	11.3
Imports [1] (crude, dried)	Mil. lg. ton	11.4	13.6	11.5	12.5	12.9	13.8	13.6	13.9	12.6	10.0	7.5
Jamaica	Mil. lg. ton	6.6	7.5	5.4	6.2	6.4	6.4	6.4	6.0	5.3	4.0	3.0
Guinea	Mil. lg. ton	(NA)	.5	2.6	3.0	3.0	3.4	3.9	4.0	3.5	4.1	3.5
Suriname	Mil. lg. ton	3.0	2.9	1.9	1.5	1.9	2.3	1.5	1.3	1.1	.4	.2
Value [2]	Mil. dol	143.0	159.8	245.1	315.1	349.5	397.5	389.1	(NA)	(NA)	(NA)	(NA)
Exports (as shipped)	1,000 lg. ton	147	3	19	15	26	13	15	21	20	48	73
Value	Mil. dol	10.7	.2	1.7	1.3	2.3	1.5	3.3	(NA)	(NA)	(NA)	(NA)
Consumption (dry equivalent)	Mil. lg. ton	13.5	15.7	12.4	13.8	14.3	14.5	15.4	15.7	13.3	9.1	8.8
World production, est	Mil. lg. ton	36.8	56.9	73.6	76.2	80.1	79.7	84.2	87.8	84.2	76.6	74.8

NA Not available. [1] Includes countries not shown separately. [2] See footnote 1, table 1246.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1282. Aluminum—Summary: 1965 to 1983

[See also *Historical Statistics, Colonial Times to 1970,* series M 258-262]

ITEM	Unit	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production	Mil. sh. ton	3.4	4.8	4.9	5.4	5.8	6.1	6.4	6.5	6.4	5.2	5.4
Primary aluminum	Mil. sh. ton	2.8	4.0	3.9	4.3	4.5	4.8	5.0	5.1	4.9	3.6	3.7
Plant capacity	Mil. sh. ton	2.8	4.3	5.0	5.2	5.2	5.2	5.3	5.5	5.5	5.5	5.5
Secondary aluminum [1]	Mil. sh. ton	.6	.8	1.0	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.7
Value [2] (primary metal)	Bil. dol	1.7	2.6	3.7	4.8	6.0	6.6	7.8	9.3	9.8	8.0	8.5
Primary aluminum	Bil. dol	1.3	2.2	3.0	3.8	4.7	5.2	6.1	7.3	7.5	5.5	5.8
Price (cents per lb.[3])	Cents/lb	24.5	28.7	39.8	44.5	51.6	54.0	61.0	71.6	76.0	76.0	77.8
Secondary aluminum	Bil. dol	.3	.5	.8	1.0	1.3	1.4	1.7	2.0	2.3	2.5	2.7
Imports for consumption [4]	1,000 sh. ton	620	468	550	749	836	1,080	840	713	935	968	1,203
Value	Bil. dol	.3	.2	.4	.6	.8	1.1	1.0	1.0	1.4	1.3	1.6
Exports [4]	1,000 sh. ton	315	612	440	484	411	520	773	1,483	867	824	855
Value	Bil. dol	.2	.4	.4	.5	.5	.7	1.1	2.4	1.5	1.2	1.3
Shipments [5] (net domestic)	Mil. sh. ton	3.8	4.5	4.6	5.8	6.1	6.8	6.9	6.0	6.1	5.6	6.7
World production, est	Mil. sh. ton	7.0	10.6	13.4	13.9	15.2	15.6	16.0	16.9	16.6	14.8	15.3
World plant capacity	Mil. sh. ton	7.9	12.0	16.4	17.6	18.0	18.9	19.4	18.7	19.0	19.2	19.5

[1] Recoverable aluminum content from scrap, old and new. [2] Based on published producers' prices for primary metal. [3] Average of prices for primary aluminum, 1965–1978, quoted by *American Metal Market;* thereafter *Metals Week.* [4] Crude and semicrude (including metal and alloys, plates, bars, etc., and scrap). [5] Compiled by Aluminum Association from data on net shipments of aluminum ingot and mill products. Includes changes in aluminum industry and government inventories and net trade.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1283. Magnesium—Summary: 1970 to 1983

[In thousands of short tons, except as indicated. Magnesium metal is used primarily in the manufacturing of aircraft, automotive, and other types of transportation equipment, material-handling equipment, power tools, and alloying with other metals]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production (domestic)	124	(D)	148	151	159	185	200	209	200	145	160
Primary [1]	112	(D)	120	120	126	149	162	169	154	102	115
Secondary (recovered from scrap)	12	15	28	31	33	36	37	40	46	43	45
Exports	36	46	33	13	28	42	54	57	35	40	47
Value (mil. dol.)	22.5	48.5	48.2	26.9	51.8	75.8	113.8	127.7	90.8	104.8	124.7
Imports	3	5	8	15	6	7	5	4	7	5	6
Value (mil. dol.)	2.5	5.2	11.5	22.7	8.0	10.1	9.0	8.3	17.6	15.6	16.3
Consumption	93	130	94	104	104	109	109	96	91	75	82
Castings and wrought products	23	28	19	17	20	19	19	17	15	14	15
Alloys (aluminum)	37	62	47	54	56	59	61	54	51	40	46
Other	33	40	28	33	28	31	29	24	25	21	21
Price per pound (cents)	35	41–75	82	87–92	96–99	99–101	101–109	107–125	125–134	134	138
World production (primary)	242	[2]143	258	275	284	318	339	348	336	273	291

D Withheld to avoid disclosing company proprietary data. [1] For 1975–1980, figures are the difference between total North American production reported by the International Magnesium Association and Canadian production. [2] Excludes U.S. production.

No. 1284. Platinum-Group Metals—Summary: 1970 to 1983

[In thousands of troy ounces, except as indicated. The platinum group is comprised of six closely related metals (see below). The metals commonly occur together in nature and are among the scarcest of the metallic elements. The metals are refractory, are chemically inert toward a wide variety of materials even at high temperatures; used as catalysts in the chemical, petroleum refining, and automotive industries and as corrosion-resistant materials in the chemical, electrical, glass, and dental-medical industries]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
World mine production, total [2]	**4,239**	**5,714**	**6,229**	**6,511**	**6,440**	**6,487**	**6,848**	**6,931**	**6,431**	**6,482**
United States	17	19	6	6	8	7	3	7	8	6
U.S.S.R.	2,200	2,650	3,050	3,100	3,150	3,200	3,250	3,350	3,500	3,600
South Africa	1,503	2,600	2,700	2,870	2,860	3,017	3,100	3,110	2,600	2,600
Primary refined	21	17	7	5	8	8	2	6	7	6
Secondary refined	350	270	215	195	257	309	331	392	344	287
Imports	1,411	1,620	2,667	2,510	2,921	3,479	3,502	2,850	2,494	3,218
Value (mil. dol.)	105	273	292	273	450	841	1,177	800	554	753
Exports	414	660	512	427	703	900	765	863	836	1,229
Value (mil. dol.)	43	88	53	46	102	202	341	302	182	310
Consumption [3]	1,331	1,309	1,603	1,592	2,260	2,756	2,206	1,921	1,873	1,914
Industry stocks, Jan. 1	1,068	1,122	849	1,086	1,013	861	761	973	918	1,107
Producer price per troy ounce (dol.):										
Platinum	133	164	162	162	237	352	439	475	475	475
Palladium	38	93	51	60	71	113	214	130	110	130
Rhodium	215	338	348	441	510	733	766	641	600	600
Iridium	156	477	325	258	300	257	505	600	600	600
Ruthenium	53	60	60	60	56	45	45	45	45	45
Osmium	215	200	200	175	150	150	150	150	137	110

[1] Preliminary. [2] Includes countries not shown separately. [3] Reported sales to consumers.

No. 1285 Titanium—Summary: 1970 to 1983

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Ilmenite concentrate:												
Mine shipments	1,000 sh. ton	921	755	702	618	542	581	646	594	524	233	(D)
Value	Mil. dol	18.6	22.7	26.9	27.6	25.2	25.6	33.0	32.0	37.0	19.1	(D)
Imports	1,000 sh. ton	96	82	122	168	335	309	184	357	236	348	259
Value	Mil. dol	1.0	1.4	2.1	2.6	5.7	4.5	2.8	6.7	5.9	8.8	9.3
Consumption	1,000 sh. ton	972	852	748	822	867	792	791	849	856	583	731
Titanium dioxide pigments:												
Production	1,000 sh. ton	655	787	603	713	687	701	742	727	761	657	757
Imports for consumption	1,000 sh. ton	60	35	26	68	115	118	105	98	125	139	175
Apparent consumption	1,000 sh. ton	(NA)	(NA)	596	754	785	802	837	753	806	739	850
Price, Dec. 31:												
Anatase	Cents/lb	26	31	39	41	44	46	53	57	69	69	69
Rutile	Cents/lb	26–27	35	44	47	49	51	59	63	75	75	75
World production:												
Ilmenite concentrate	1,000 sh. ton	3,109	3,519	3,194	3,490	3,653	3,875	3,910	4,107	4,018	[1] 3,346	[2] [3] 2,876
Titanium slag	1,000 sh. ton	853	936	832	901	765	1,037	842	1,343	1,245	[1] 1,157	[2] 1,095
Rutile concentrate, natural [3]	1,000 sh. ton	460	398	422	445	401	333	390	480	399	[1] 374	[2] 359

D Withheld to avoid disclosing company proprietary data. NA Not available. [1] Preliminary. [2] Estimated. [3] Excludes U.S. production data to avoid disclosing company proprietary data.

Source of tables 1283–1285: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1286. CHROMITE—SUMMARY: 1970 TO 1983

[In thousands of short tons, except as indicated]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Imports for consumption [1]	1,405	1,102	1,252	1,275	1,293	1,013	1,024	982	898	507	190
Value (mil. dol.)	31.8	28.5	60.7	70.0	68.7	51.4	55.6	56.5	49.9	29.7	10.4
South Africa	407	341	289	438	659	490	353	405	482	277	144
Soviet Union	248	296	349	189	80	157	250	170	111	34	(Z)
Philippines	210	264	210	166	172	185	194	138	145	70	13
Exports	41	18	139	124	187	23	27	6	71	8	11
Reexports	73	99	45	85	61	29	28	44	67	57	5
Consumption, total	1,403	1,450	881	1,006	1,000	1,010	1,214	977	889	545	325
Metallurgical industry	912	904	532	597	578	534	774	577	503	270	64
Refractory industry	278	295	183	202	208	237	198	160	148	80	72
Chemical industry	213	251	166	207	214	239	242	240	238	195	189
Stocks, Dec. 31 (consumer)	733	573	952	1,009	1,338	1,301	907	675	728	545	450
World production [1]	6,672	8,244	9,136	9,362	10,415	12,064	10,277	10,438	9,660	8,770	8,921
South Africa	1,573	2,069	2,288	2,656	3,372	3,466	3,634	3,763	3,164	2,385	2,460
Soviet Union	1,930	2,150	2,290	2,300	2,400	3,640	2,535	2,701	2,646	2,701	2,700
Philippines	624	584	573	475	593	595	613	547	484	391	363

Z Fewer than 500 short tons. [1] Includes countries not shown separately.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1287. FERROALLOYS—SUMMARY: 1970 TO 1983

[Domestic production data for ferroalloys are developed by the Bureau of Mines by means of monthly and annual surveys. The major consumers of ferroalloys are the steel and ferrous foundry industries; see tables 1378-1381]

ITEM	QUANTITY (1,000 sh. tons)						VALUE (mil. dol.)					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Domestic shipments [1]	**2,489.6**	**1,768.1**	**1,486.1**	**1,374.9**	**826.0**	**867.1**	**548.1**	**906.7**	**1,129.9**	**1,105.6**	**652.2**	**550.4**
Ferromanganese [2]	807.4	556.1	194.3	188.3	98.4	108.9	134.5	222.5	99.6	104.1	65.0	53.8
Silicomanganese	173.0	126.4	161.6	172.5	82.9	63.1	32.0	53.9	70.3	81.8	40.8	21.2
Manganese metal	(NA)	22.1	(NA)	22.8	18.1	(D)	(NA)	(NA)	(NA)	31.9	25.3	(D)
Ferrosilicon	659.2	709.9	681.4	510.4	317.3	359.1	136.2	321.5	442.6	295.1	161.7	179.3
Silicon metal	97.7	131.1	124.5	121.1	80.8	123.1	(NA)	(NA)	(NA)	154.0	102.8	113.5
Chromium alloys	370.9	223.5	237.5	188.6	119.3	53.2	126.3	177.5	179.9	146.3	83.7	53.4
Ferrocolumbium	1.4	.5	1.3	.8	(D)	(D)	9.4	3.5	34.5	12.6	(D)	(D)
Ferrophosphorus	176.1	96.0	85.4	42.7	(D)	62.1	6.5	10.9	13.1	9.4	(D)	7.0
U.S. exports	(NA)	(NA)	*155.5*	*74.8*	*48.2*	*75.4*	(NA)	(NA)	*173.8*	*121.3*	*81.3*	**100.8**
Ferroalloys	151.1	97.4	128.5	63.2	42.6	66.1	55.7	58.9	93.1	55.1	40.4	41.9
Metals [1]	(NA)	(NA)	27.0	11.6	5.6	9.4	(NA)	(NA)	80.7	66.2	40.9	58.9
Silicon	(NA)	(NA)	14.4	8.7	2.4	2.8	(NA)	(NA)	65.5	57.0	34.3	47.8
Manganese	3.0	3.3	12.3	2.5	2.9	6.4	2.0	3.3	11.5	4.0	3.9	8.5
U.S. imports	(NA)	**927.3**	**1,149.1**	**1,515.6**	**843.0**	**1,009.6**	(NA)	**482.9**	**643.7**	**819.8**	**405.0**	**448.7**
Ferroalloys	385.5	913.6	1,115.9	1,474.9	810.2	973.1	60.5	466.0	585.9	756.0	383.0	403.3
Manganese alloys	305.5	451.9	683.5	800.3	554.8	481.4	33.3	151.4	240.8	276.4	176.0	133.3
Ferrosilicon	22.4	70.4	71.2	155.6	76.7	159.4	4.1	42.0	42.6	80.3	40.3	67.4
Chromium alloys	41.3	322.9	302.3	439.7	148.3	281.7	9.6	192.7	155.8	218.8	80.8	109.7
Metals	(NA)	13.7	33.2	40.7	32.8	36.5	(NA)	16.9	57.8	63.7	42.0	45.4
Silicon	(NA)	7.7	*21.3*	*28.8*	*25.7*	*27.5*	(NA)	6.2	*21.4*	*30.7*	*26.7*	*26.4*
Chromium	1.9	1.6	4.1	3.5	1.9	3.1	3.1	6.6	28.4	24.6	10.1	13.7
Manganese	1.3	4.4	7.9	8.3	5.2	6.0	.5	4.0	8.0	8.4	5.2	5.3

D Withheld to avoid disclosure of individual company data. NA Not available. [1] Includes other not shown separately. [2] Includes fused-salt electrolytic law and medium-carbon ferromanganese.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

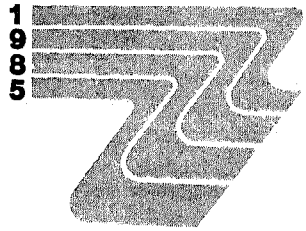
No. 1288. BERYLLIUM—SUMMARY: 1970 TO 1983

[In short tons, except as indicated. Represents beryllium mineral concentrates. Beryllium has great stiffness, (exceeding that of other metals, including steels), useful heat dissipation properties, a very high strength-to-weight ratio, useful nuclear moderating and reflecting properties, and excellent corrosion resistance. Its major use is as a beryllium-copper alloy in communications, computers, switching, and other electronic and electrical applications]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Imports for consumption	4,942	1,479	1,058	746	1,031	1,037	1,703	2,138	2,652	2,194
Consumption [1]	9,496	4,850	3,740	4,165	5,916	9,518	8,508	8,141	5,387	6,989
Price, per short ton unit BeO [2] (dollars)	35	32	36	40	40	47	69	94	121	126
Yearend stocks [1]	5,698	3,546	3,957	3,557	1,346	835	1,350	2,223	5,112	7,037
World production of beryl	6,857	3,290	2,553	2,844	2,888	2,642	2,823	3,198	3,414	3,189

[1] Includes bertrandite ore which was calculated as equivalent to beryl containing 11% BeO. [2] Approximate. Imported cobbed beryl at port of exportation.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.



Section 28

Construction and Housing

This section presents data on the construction industry and on various indicators of its activity and costs; on housing units and their characteristics, occupants, and financing; on public housing; and on nonresidential buildings.

The principal source of these data is the U.S. Bureau of the Census, which issues a variety of current publications. Construction statistics compiled by the Bureau appear in its monthly *Construction Reports* series with various quarterly or annual supplements; *Housing Starts* and *Housing Completions* present data by type of unit and by 4 major census regions; *New One-Family Houses Sold and For Sale* also provides statistics annually on physical and financial characteristics for all new housing by the 4 major census regions; *Value of New Construction Put in Place* includes monthly composite construction cost indexes, and a special supplement which contains historical data, 1964 to 1980, as well as several tables showing data for 1915–1964; *Price Index of New One-Family Houses Sold* presents quarterly figures and annual regional data; and *Housing Units Authorized by Building Permits and Public Contracts* covers approximately 16,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly and annually in *Residential Alterations and Repairs*. Reports of the censuses of construction industries (see below) are also issued on various topics.

Other Census Bureau publications include the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies,* the quarterly *Market Absorption of Apartments,* the Annual Housing Survey and reports of the censuses of housing and of construction industries. *Construction Review,* published quarterly by the International Trade Administration, U.S. Department of Commerce, contains many of the census series and other construction statistics series from the Federal Government and private agencies.

Other sources include the monthly *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY, which presents State data on construction contracts; the Bureau of Economic Analysis, which presents data on residential capital and gross housing product; and the Federal Home Loan Bank Board, the Department of Housing and Urban Development (HUD), and the Veterans Administration, which publish financial data. Data on conventional home mortgages are provided by the Federal Home Loan Bank Board. The Department of Housing and Urban Development provides data on the gross flow of long-term mortgage loans in its study, *The Supply of Mortgage Credit, 1970–1979.* Data on mortgages insured by the Federal Housing Administration (FHA) and on VA-guaranteed loans are also presented in this section. In addition, the *Statistical Yearbook,* published by HUD through the 1979 issue, also contained housing data.

Censuses and surveys.—Censuses of the construction industry were first conducted by the Bureau of the Census for 1929, 1935, and 1939; beginning in 1967, a census has been taken every five years (for years ending in "2" and "7"). The latest reports are for 1982.

The 1982 Census of Construction Industries, in accordance with the 1972 *Standard Industrial Classification Manual* (see text, page 388), defines a construction establishment as a relatively permanent place of business where the usual business activities related to construction are conducted.

From 1850 through 1930, the Bureau of the Census collected some housing data as part of its censuses of population and agriculture. Beginning in 1940, separate censuses of housing have been taken at 10-year intervals. For the 1970 and 1980 censuses, data on year-round housing units were collected and issued on occupancy and structural characteristics, plumbing facilities, value, and rent.

Evaluation studies of the 1950, 1960, and 1970 censuses estimated the underenumeration of occupied housing units at 2.9 percent, 2.4 percent, and 1.7 percent, respectively. The net undercount in the 1970 census is estimated at approximately 1.5 million housing units. Estimates for the 1980 Census were not available at the time of publication of this edition. The estimates for the various censuses are not strictly comparable due to differences in timing, procedures, and other factors. The census figures have not been adjusted to reflect the estimated undercounts.

The Annual Housing Survey (*Current Housing Reports,* series H–150 and H–170), which began in 1973, provides a current and ongoing series of data on selected housing and demographic charac-

teristics. It is based on a national sample and on separate samples for 60 SMSA's selected to represent a cross section of the housing stock in these areas. Annual Housing Survey estimates are subject to both sampling and nonsampling errors, therefore caution should be used in making comparisons with 1970 and 1980 census data.

Data on residential mortgages were collected continuously from 1890 to 1981, except 1930, as part of the decennial census by the Bureau of the Census. Since 1973, mortgage status data, which are limited to single family homes on less than ten acres with no business on the property, have been presented in the Annual Housing Survey.

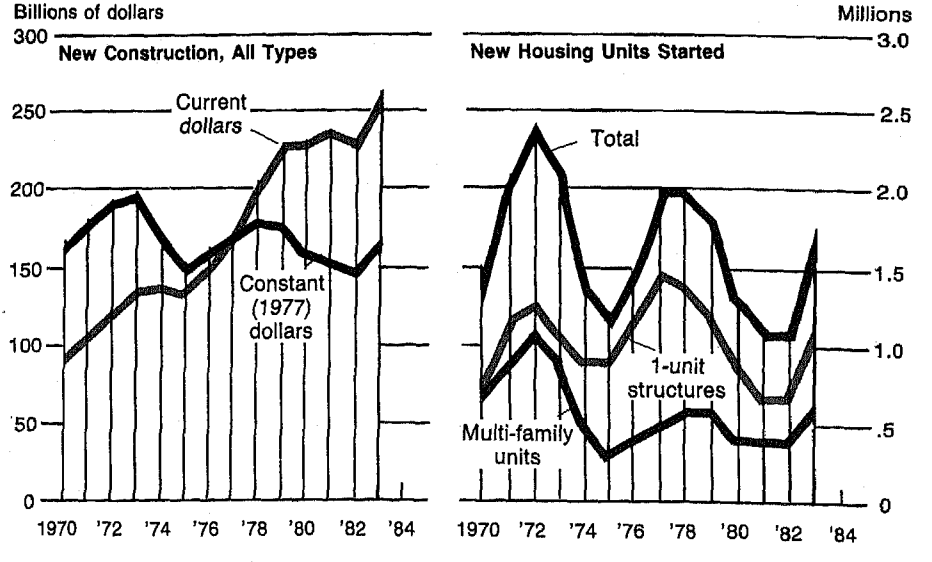
Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) complete kitchen facilities for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 28.1

New Construction—Value of Total Construction and Number of Housing Units Started: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1293, 1294, and 1301.

No. 1289. Construction Industries—Summary, by Industry: 1972 to 1982

[1982 preliminary. Based on a probability sample of about 167,000 construction establishments with payroll in 1972, 181,000 in 1977, and 172,000 in 1982; see Appendix III. N.e.c. = Not elsewhere classified]

Industry	Establishments with payroll (1,000)	Employees (1,000)		Payroll (mil. dol.)		Receipts (mil. dol.)		Value added [2] (mil. dol.)
		Total	Construction workers	Total	Construction workers	Total	Net construction [1]	
1972, total	**437.9**	**4,146**	**3,487**	**40,005**	**32,187**	**155,850**	**111,232**	**68,197**
Contract construction	430.0	4,083	3,464	39,528	32,036	152,722	110,716	67,810
General building contractors	133.1	1,150	938	10,159	7,740	64,350	33,245	17,884
Heavy construction contractors	28.0	827	709	9,255	7,537	31,461	25,357	16,200
Special trade contractors	269.0	2,107	1,817	20,114	16,759	56,911	52,114	33,726
1977, total	**480.0**	**4,273**	**3,565**	**54,980**	**43,112**	**224,665**	**164,516**	**98,864**
Contract construction	474.9	4,234	3,548	54,566	42,963	221,822	163,463	98,116
General building contractors	156.0	1,181	963	13,537	10,041	69,787	48,262	25,040
Heavy construction contractors [3]	31.3	917	757	14,267	10,988	50,728	40,272	26,573
Special trade contractors [3]	287.7	2,136	1,827	26,762	21,934	81,108	74,929	46,502
1982, total	**447.9**	**4,362**	**3,531**	**79,121**	**60,596**	**325,445**	**235,726**	**148,135**
Contract construction	441.9	4,320	3,515	78,527	60,432	321,797	234,380	146,979
General building contractors	121.3	1,067	822	17,595	12,163	118,695	60,618	35,946
Single-family houses	72.1	369	307	4,054	3,153	22,641	15,871	8,736
Other residential buildings	7.6	66	52	1,135	803	8,205	3,716	2,032
Operative builders	14.0	108	53	1,885	706	18,360	9,110	5,749
Industrial buildings and warehouses	7.4	161	128	3,407	2,494	18,829	9,691	6,006
Nonresidential buildings, n.e.c	20.2	363	282	7,115	5,007	50,660	22,230	13,422
Heavy construction contractors [3]	26.3	825	660	18,953	14,956	68,860	52,719	35,201
Highway and street construction	8.2	186	158	3,553	2,801	16,965	13,172	7,740
Water, sewer, and utility lines	9.3	189	162	3,601	2,924	12,259	10,575	7,105
Heavy construction, n.e.c	7.8	414	328	11,008	8,584	36,152	26,311	18,935
Special trade contractors [3]	294.3	2,429	2,013	41,979	33,314	134,242	121,043	75,833
Plumbing, heating, air-conditioning	59.8	511	397	9,857	7,474	33,468	28,803	16,933
Painting, paperhanging, decorating	24.9	137	122	1,894	1,604	4,762	4,466	3,415
Electrical work	38.5	444	360	9,152	7,375	26,286	25,069	15,142
Masonry and other stonework	20.1	120	109	1,550	1,343	4,329	4,042	2,663
Plastering, drywall, insulation	15.4	209	181	3,594	2,955	10,211	9,265	6,005
Carpentering	30.6	134	118	1,644	1,377	5,640	4,862	2,986
Roofing and sheet metal work	21.2	192	159	3,040	2,327	10,035	9,323	5,466
Concrete work	19.9	178	155	2,590	2,113	9,900	8,715	5,059
Excavating and foundation work	17.4	130	110	2,027	1,659	8,009	6,918	5,235
Installing building equipment, n.e.c	3.6	63	51	1,508	1,191	4,440	4,142	3,080
Special trade contractors, n.e.c	20.3	127	102	1,804	1,322	6,249	5,517	3,614
Subdividers and developers, n.e.c	6.0	42	16	595	164	3,648	1,346	1,156

[1] Construction receipts less payments for construction work subcontracted to others, not shown separately. [2] Total receipts less (*a*) payments for materials, components, and supplies, (*b*) payments for construction work subcontracted to others, not shown separately. [3] Includes other industries each with less than $2.5 billion in total receipts, not shown separately.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1972, 1977,* and *1982,* series CC.

No. 1290. Construction Materials—Producer Price Indexes: 1970 to 1983

[**1967 = 100, except as noted.** For discussion of producer price index, see text, p. 465. Covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables such as kitchen ranges, refrigerators, etc. See also *Historical Statistics, Colonial Times to 1970,* series N 140-155]

Commodity	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All materials	**112.5**	**160.9**	**174.0**	**187.7**	**204.9**	**228.3**	**251.4**	**266.4**	**283.0**	**288.0**	**297.7**
Softwood lumber: Douglas fir	108.7	213.7	212.0	250.7	291.4	339.7	383.9	353.0	311.8	266.2	361.5
Southern pine	114.7	184.5	175.3	217.4	262.5	304.6	324.2	297.4	291.6	285.9	319.9
Hardwood lumber	114.6	189.5	160.3	176.0	200.3	235.8	260.0	252.0	255.2	262.4	283.7
Millwork	116.0	157.1	160.4	176.9	193.7	235.4	254.3	260.4	273.4	279.4	302.3
Plywood	108.4	161.1	161.2	187.0	212.2	235.6	250.5	246.5	245.7	232.1	244.1
Building paper and board	101.0	123.5	127.1	138.8	157.0	187.4	182.4	206.2	231.7	239.5	250.0
Prepared paint	112.4	145.7	166.9	174.4	182.4	192.3	204.4	235.3	249.8	262.8	264.7
Finished steel products:											
Line pipe, carbon	113.2	189.8	227.8	234.6	260.5	296.6	303.4	336.3	394.2	416.8	406.4
Reinforcing bars [1]	42.9	78.2	77.4	70.9	72.2	80.9	101.4	106.7	107.0	99.7	92.4
Galvanized sheets and strip	34.0	50.4	56.7	63.6	69.2	75.3	83.8	86.1	97.9	100.0	106.3
Wire nails, 8d common	114.8	207.1	241.4	243.6	261.3	273.5	298.5	331.9	356.9	365.3	358.0
Nonterrous metal products	124.7	187.1	171.6	181.6	195.4	207.8	261.7	305.0	285.8	263.6	276.1
Aluminum drawn tube, 6,000 alloy [2]	100.7	139.4	159.9	163.1	174.1	189.7	216.1	242.2	265.9	282.9	285.5
Plumbing fixtures	111.2	149.1	162.3	174.1	186.6	199.1	217.1	246.7	267.5	278.7	289.3
Heating equipment	110.6	135.0	150.7	158.0	165.5	174.4	187.1	206.5	224.2	237.2	243.6
Metal doors, sash, trim	113.0	147.3	162.5	171.3	188.7	207.6	229.6	255.2	278.8	290.5	298.8
Concrete ingredients	112.6	148.7	172.3	186.7	199.0	217.7	244.0	274.0	296.3	310.0	313.3
Concrete products	112.2	151.7	170.5	180.1	191.8	214.0	244.1	273.9	291.2	297.8	302.0
Structural clay products	109.9	135.2	151.2	163.5	179.8	197.2	217.9	231.5	249.8	260.8	277.8
Gypsum products	99.7	137.6	144.0	154.4	183.5	229.1	252.3	256.3	256.2	256.1	286.0
Asphalt roofing	102.7	196.0	225.9	238.3	253.0	292.0	325.3	396.8	407.5	398.4	384.0
Insulation materials	123.2	156.5	196.2	212.6	235.9	250.7	256.3	287.9	(NA)	356.6	369.7

NA Not available. [1] June 1982 = 100. [2] Dec. 1969 = 100.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly and annual.

NO. 1291. PRICE AND COST INDEXES FOR CONSTRUCTION: 1970 TO 1983

[1977=100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these sources are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1970*, series N 118–137, for construction cost indexes on a 1947–49 base]

ITEM	1970	1974	1975	1976	1978	1979	1980	1981	1982	1983
Price index for new one-family houses sold [1]	55.3	73.8	81.7	88.7	114.5	130.8	145.2	157.4	161.5	165.5
Construction cost indexes:										
Dept. of Commerce composite [2]	56.8	81.8	89.3	92.4	113.0	128.8	143.2	151.9	154.1	157.1
Federal Highway Admin.: Highways [3]	58.0	96.3	96.7	93.4	119.4	142.6	163.0	156.7	146.8	146.5
Environmental Protection Agency:										
Sewers	51.2	78.8	88.5	94.1	109.5	123.2	133.6	142.2	(NA)	(NA)
Sewage treatment plant	51.6	78.0	89.8	94.3	109.5	120.4	131.3	142.5	(NA)	(NA)
Federal Energy Regulatory Commission: Pipeline	54	76	93	98	112	121	133	145	147	149
American Appraisal Co.: Building construction [4]	57	80	86	94	109	118	125	132	(NA)	(NA)
Turner Construction Co.: Building construction [5]	62	91	95	97	106	118	131	144	156	164
E. H. Boeckh, building cost index: [6]										
Small residential structures	56.5	79.4	84.7	91.7	109.0	119.0	128.9	136.0	147.5	156.2
Apartments, hotels, and office buildings	57.5	77.9	85.6	92.4	106.5	114.7	125.1	137.4	150.0	159.6
Commercial and factory buildings	55.6	77.3	85.3	92.6	107.5	117.1	127.7	140.1	151.9	162.6
Engineering News-Record: [7] Building construction	54.1	78.0	84.6	92.3	108.4	117.8	125.9	135.9	144.7	154.4
General construction	53.8	78.4	85.8	93.1	107.7	116.5	125.6	137.3	148.5	157.8
Handy-Whitman public utility: [8] Building	53	84	93	95	109	121	135	142	142	146
Electric light and power [9]	52	75	88	94	106	116	127	139	146	151

NA Not available. [1] Includes value of site. [2] Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted average of various indexes used for different types of construction. [3] Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete). [4] Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes those for plumbing, *heating, lighting, sprinklers, and elevators*. Reflects employee-benefit costs, and allows for contractors' overhead and profit. [5] Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs. [6] Average of 20 cities for types shown. Weights based on surveys of building costs. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and Social Security payroll taxes. [7] Building construction index computed on basis of *hypothetical unit of construction requiring 6 bbl. of portland cement*, 1,088 M bd. ft. of 2" x 4" lumber, 2,500 lb. of structural steel, and 66.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. [8] Based on data covering public utility construction costs for 95 items in 6 geographic regions. Covers skilled and common labor; does not reflect tax payments nor employee-benefit costs. [9] As derived by U.S. Bureau of the Census. Covers steam production plants only; excludes hydraulic plants.

Source: *U.S. Bureau of the Census. In U.S. Department of Commerce, International Trade Administration, Construction Review*, bimonthly.

NO. 1292. VALUE OF NEW CONSTRUCTION PUT IN PLACE: 1960 TO 1983

[**In millions of dollars.** Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series N 1–29 and N 66–68]

YEAR	CURRENT DOLLARS					CONSTANT (1977) DOLLARS				
	Total	Private			Public	Total	Private			Public
		Total	Residential buildings	Nonresidential buildings			Total	Residential buildings	Nonresidential buildings	
1960	54,738	38,875	22,975	10,149	15,863	(NA)	(NA)	(NA)	(NA)	(NA)
1965	74,096	52,034	27,934	16,509	22,062	169,981	118,136	62,738	37,834	51,845
1966	76,772	52,765	25,715	18,279	24,007	169,075	115,211	55,605	40,020	53,865
1967	78,452	52,916	25,568	17,589	25,536	166,876	111,552	53,544	36,997	55,124
1968	87,474	59,869	30,565	18,164	27,605	176,224	119,529	60,436	35,973	56,695
1969	94,271	66,318	33,200	21,153	27,952	176,604	123,210	61,314	38,441	53,394
1970	95,204	67,114	31,864	21,412	28,090	167,618	118,405	57581	35,692	49,213
1971	110,301	80,433	43,267	22,478	29,867	182,228	133,660	73,935	34,706	46,568
1972	124,421	94,248	54,288	24,036	30,173	193,998	147,589	86,701	35,294	46,409
1973	138,428	105,927	59,726	27,583	32,501	198,850	152,480	87,033	37,510	46,370
1974	139,221	100,886	50,376	29,637	38,334	170,289	126,032	66,393	33,379	44,258
1975	135,941	95,057	46,472	26,407	40,884	152,198	108,556	56,074	28,011	43,642
1976	151,084	111,961	60,520	26,091	39,123	163,457	122,083	67,737	27,642	41,374
1977	173,829	135,655	80,956	26,695	38,174	173,395	135,299	80,689	28,640	38,097
1978	205,561	159,665	93,424	36,293	45,896	181,987	141,171	81,226	32,224	40,816
1979	230,413	181,621	99,030	47,298	48,792	178,951	141,354	75,958	36,064	37,597
1980	230,712	175,699	87,261	52,434	55,013	161,098	123,559	60,911	35,444	37,539
1981	239,111	185,762	86,566	60,818	53,349	157,387	122,246	55,893	39,356	35,141
1982	230,068	179,090	74,810	65,134	50,978	149,284	115,683	47,234	41,872	33,601
1983	262,168	211,370	111,729	60,309	50,798	166,931	133,544	69,060	38,313	33,387

NA Not available.

Source: U.S. Bureau of the Census, *Construction Reports*, series C 30.

NO. 1293. VALUE OF NEW CONSTRUCTION PUT IN PLACE: 1970 TO 1983

[In millions of dollars, except percent. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series N 1-29 and N 66-69]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**95,204**	**135,941**	**151,084**	**173,829**	**205,561**	**230,413**	**230,712**	**239,111**	**230,068**	**262,168**
Average annual percent change [1]	5.2	7.4	11.1	15.1	18.3	12.1	.1	3.6	−3.8	14.0
Private	**67,114**	**95,057**	**111,961**	**135,655**	**159,665**	**181,621**	**175,699**	**185,762**	**179,090**	**211,370**
Percent of total	70.5	69.9	74.1	78.0	77.7	78.8	76.2	77.7	77.8	80.6
Residential buildings (incl. farm)	31,864	46,472	60,520	80,956	93,424	99,030	87,261	86,566	74,810	111,729
New housing units	24,272	34,408	47,277	65,749	75,808	78,567	63,139	62,664	51,916	86,102
Structures with—										
1 unit	14,754	27,423	40,049	55,271	62,385	60,790	45,662	44,401	35,663	62,623
2 or more units	9,518	6,986	7,228	10,478	13,422	17,798	17,476	18,263	16,253	23,479
Additions, alterations	6,234	10,925	12,308	14,209	16,349	18,236	21,125	20,025	18,673	20,260
Nonhousekeeping	1,358	1,139	935	998	1,267	2,206	2,997	3,876	4,221	5,366
Nonresidential buildings [2]	21,412	26,407	26,091	28,695	36,293	47,298	52,434	60,818	65,134	60,309
Industrial	6,537	8,018	7,183	7,712	10,994	14,950	13,837	17,030	17,343	12,861
Office	9,753	4,973	4,763	5,269	6,574	9,461	13,318	17,473	23,049	20,768
Other commercial		7,833	7,993	9,514	11,991	15,463	16,627	16,775	14,235	15,025
Hospital and institutional	2,529	3,209	3,396	3,290	3,347	3,530	4,046	4,907	5,875	6,559
Religious	929	867	956	1,046	1,248	1,548	1,637	1,665	1,543	1,780
Educational	864	567	660	660	729	806	1,175	1,171	1,356	1,412
Other nonresidential	800	939	1,140	1,203	1,410	1,540	1,794	1,798	1,733	1,905
Public utilities	11,017	17,379	20,301	20,272	23,455	28,253	29,480	32,499	34,199	33,507
Telephone, telegraph	2,968	3,683	3,777	4,345	5,418	6,343	6,733	7,074	7,110	6,471
Other public utilities	8,049	13,696	16,524	15,926	18,037	21,910	22,747	25,424	27,089	27,036
Electric light, power [3]	5,807	9,888	11,777	12,432	14,384	17,480	17,647	19,827	21,884	21,884
Gas	1,654	1,350	1,280	1,560	1,929	2,650	3,035	3,631	3,422	3,096
Railroads	304	514	580	737	1,190	1,189	1,256	1,224	1,406	1,599
Petroleum pipelines	284	1,944	2,887	1,197	534	591	809	742	377	457
Farm (nonresidential)	1,875	3,731	3,971	4,431	5,209	5,588	5,274	4,612	3,679	4,364
All other private	946	1,068	1,077	1,301	1,283	1,452	1,250	1,268	1,269	1,461
Public	**28,090**	**40,884**	**39,123**	**38,174**	**45,896**	**48,792**	**55,013**	**53,349**	**50,978**	**50,798**
Percent of total	29.5	30.1	25.9	22.0	22.3	21.2	23.8	22.3	22.2	19.4
Buildings	10,656	15,474	13,759	12,799	15,241	15,558	18,517	17,792	16,997	17,276
Educational	5,619	7,760	6,342	5,459	6,264	6,903	8,050	6,737	5,927	5,374
Hospital	838	1,745	1,870	1,733	1,822	1,648	1,785	2,083	1,991	2,098
Industrial	498	918	905	1,070	1,184	1,112	1,441	1,655	1,632	1,809
Housing, redevelopment	1,106	754	720	908	1,053	1,211	1,648	1,722	1,658	1,700
Other public buildings	2,594	4,296	3,922	3,629	4,919	4,684	5,593	5,595	5,789	6,295
Highways and streets	9,982	10,854	9,743	9,380	10,706	11,997	13,770	13,599	13,428	14,225
Conservation, development	1,907	3,257	3,742	3,862	4,457	4,587	5,090	5,300	5,027	4,820
Military facilities	717	1,389	1,630	1,429	1,502	1,647	1,880	1,964	2,205	2,544
Other public construction	4,827	9,911	10,248	10,704	13,989	15,002	15,755	14,693	13,320	11,933
Sewer systems	1,543	4,801	5,341	5,374	6,765	7,298	7,171	5,935	5,529	5,260
Water supply facilities	1,093	1,765	1,631	1,810	2,661	2,490	3,266	3,004	2,902	2,083
Miscellaneous	2,192	3,345	3,276	3,520	4,563	5,215	5,318	5,754	4,889	4,590
Public ownership:										
State and local government	24,798	34,566	32,106	30,855	37,497	40,227	45,372	42,935	40,834	40,158
Buildings	9,753	13,580	11,631	10,501	12,764	13,215	15,699	14,641	14,012	13,886
Highways and streets	9,728	10,547	9,404	8,984	10,285	11,468	13,314	12,848	12,774	13,675
Conservation, development	540	618	903	774	597	673	821	896	908	820
Other	4,777	9,821	10,167	10,595	13,851	14,872	15,538	14,550	13,139	11,777
Federal government	3,293	6,318	7,017	7,320	8,398	8,564	9,641	10,413	10,144	10,640
Conservation, development	1,367	2,638	2,899	3,088	3,860	3,915	4,270	4,404	4,119	4,000
Buildings	903	1,894	2,128	2,298	2,477	2,343	2,818	3,151	2,986	3,390
Military facilities	717	1,389	1,630	1,429	1,502	1,647	1,880	1,964	2,205	2,544
Misc. (incl. highways and streets)	305	397	420	505	559	659	673	894	835	707

[1] Change from prior year shown; for 1970, change from 1965. Minus sign (−) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Excludes building by privately owned public utilities.
[3] Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports,* series C30.

No. 1294. Value of New Construction Put in Place in Constant (1977) Dollars: 1970 to 1983

[In millions of dollars, except percent. For details on derivation of constant values and description of revised series, see source. For description of nature of revisions and deflators used, see *Construction Reports*, series C30-80S]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
New construction	**167,618**	**152,198**	**163,457**	**173,395**	**181,987**	**178,951**	**161,098**	**157,387**	**149,284**	**166,931**
Private	**118,405**	**108,556**	**122,083**	**135,299**	**141,171**	**141,354**	**123,559**	**122,246**	**115,683**	**133,544**
Percent of total	70.6	71.3	74.7	78.0	77.6	79.0	76.7	77.7	77.5	80.0
Residential buildings [1]	57,581	56,074	67,737	80,689	81,226	75,958	60,911	55,893	47,234	69,060
New housing units	43,873	41,506	52,884	65,472	65,891	60,266	44,080	40,484	32,779	53,207
Structures with—										
1 unit	26,656	33,051	44,797	55,016	54,223	46,630	31,858	28,686	22,525	38,695
2 or more units	17,217	8,455	8,087	10,456	11,668	13,638	12,223	11,798	10,254	14,512
Additions, alterations	11,252	13,190	13,805	14,218	14,231	14,003	14,739	12,911	11,791	12,536
Nonhousekeeping	2,456	1,378	1,049	1,000	1,104	1,687	2,092	2,497	2,664	3,317
Nonresidential buildings [2]	35,692	28,011	27,642	28,640	32,224	36,064	35,444	39,356	41,872	38,313
Industrial	10,895	8,506	7,812	7,698	9,734	11,425	9,360	11,018	11,150	8,174
Office	16,255	5,273	5,046	5,263	5,838	7,205	8,995	11,305	14,817	13,194
Other commercial		8,310	8,468	9,486	10,651	11,766	11,242	10,858	9,151	9,541
Hospital, institutional	4,217	3,404	3,597	3,290	2,991	2,702	2,734	3,176	3,776	1,130
Religious	1,550	920	1,013	1,044	1,107	1,180	1,106	1,078	991	897
Educational	1,442	601	699	659	649	614	793	758	872	1,167
Other nonresidential	1,334	996	1,207	1,199	1,255	1,172	1,214	1,164	1,114	1,210
Public utilities	20,328	19,376	21,365	20,249	21,927	23,943	22,792	23,175	23,366	22,422
Telephone, telegraph	5,050	4,181	3,954	4,340	5,136	5,436	5,243	5,117	4,908	4,352
Other public utilities	15,278	15,195	17,412	15,909	16,792	18,508	17,549	18,058	18,457	18,070
Electric light, power [3]	11,146	11,143	12,553	12,414	13,539	14,913	13,830	14,247	14,939	14,605
Gas	3,065	1,448	1,305	1,558	1,721	2,189	2,266	2,491	2,324	2,085
Railroads	541	547	609	734	1,060	917	849	809	938	1,072
Petroleum pipelines	526	2,057	2,945	1,203	472	489	604	511	256	308
Farm (nonresidential)	3,126	3,959	4,207	4,425	4,640	4,288	3,562	2,984	2,365	2,771
All other private	1,678	1,137	1,131	1,296	1,155	1,121	849	838	846	978
Public	**49,213**	**43,642**	**41,374**	**38,097**	**40,816**	**37,597**	**37,539**	**35,141**	**33,601**	**33,387**
Percent of total	29.4	28.7	25.3	22.0	22.4	21.0	23.3	22.3	22.5	20.0
Buildings	17,922	16,530	14,630	12,766	13,550	11,895	12,540	11,515	10,907	10,949
Educational	9,367	8,235	6,724	5,453	5,569	5,273	5,432	4,361	3,810	3,416
Hospital	1,399	1,852	1,981	1,734	1,630	1,261	1,205	1,348	1,280	1,333
Industrial	831	973	960	1,069	1,058	852	974	1,071	1,049	1,149
Housing, redevelopment	1,999	910	808	909	911	929	1,150	1,112	1,047	1,051
Other public buildings	4,325	4,559	4,157	3,624	4,382	3,580	3,779	3,621	3,721	4,000
Highways and streets	17,670	11,146	10,291	9,332	9,215	8,585	8,462	8,634	9,061	9,719
Conservation, development	3,406	3,603	3,914	3,855	4,104	3,821	3,821	3,666	3,329	3,166
Military facilities	1,243	1,489	1,734	1,431	1,331	1,248	1,251	1,271	1,437	1,640
Other public construction	8,972	10,874	10,805	10,690	12,616	12,047	11,465	10,057	8,867	7,913
Sewer systems	2,992	5,379	5,669	5,366	6,146	5,971	5,409	4,163	3,659	3,454
Water supply facilities	2,074	1,935	1,697	1,808	2,395	2,048	2,456	2,090	1,947	1,386
Miscellaneous	3,906	3,559	3,439	3,516	4,076	4,029	3,601	3,804	3,261	3,074

[1] Including farm. [2] Excludes building by privately owned public utilities. [3] Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1295. Value of Privately Owned Nonresidential Building Projects, by Construction Status, 1975 to 1983, and by Type of Project, 1983

[In billions of dollars]

CONSTRUCTION STATUS	1975	1976	1977	1978	1979	1980	1981	1982	1983				
									Total	Industrial	Office building	Other commercial	Other [1]
Value of projects—													
Started	20.1	23.8	29.3	38.7	49.0	48.3	65.8	55.5	55.3	6.7	19.0	16.9	11.3
Completed	28.0	25.9	27.7	31.7	40.1	48.4	52.7	56.3	55.2	16.4	17.3	13.1	8.3
Under construction at year end	41.9	41.9	44.6	55.2	68.3	73.5	92.6	97.8	101.1	23.3	39.7	15.9	22.2

[1] Privately owned religious, educational, hospital and institutional, and miscellaneous nonresidential building projects.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1296. Construction Contracts—Value of Construction, and Floor Space of Buildings, by Class of Construction: 1970 to 1983

[Includes new structures and additions, and major alterations to existing structures which affect only valuation, since no additional floor area is created by "alteration." See also *Historical Statistics, Colonial Times to 1970*, series N 78–100]

Year	Total	Residential buildings	Nonresidential buildings								Nonbuilding construction
			Total	Commercial [1]	Manufacturing	Educational [2]	Hospital	Public buildings	Religious	Social and recreational [3]	
VALUE (bil. dol.)											
1970	68.3	24.8	24.6	9.1	3.7	5.3	2.8	1.0	.6	2.1	19.0
1971	80.2	34.7	25.5	9.6	2.6	5.6	3.2	1.5	.6	2.4	19.9
1972	91.2	45.4	27.1	11.5	3.0	4.8	3.5	1.5	.6	2.2	18.7
1973	99.3	45.7	31.4	12.8	4.8	5.1	3.3	2.0	.7	2.7	22.1
1974	93.7	33.6	33.2	11.8	5.6	6.3	3.8	2.1	.8	2.8	27.0
1975	92.7	31.3	31.6	9.2	6.8	5.9	3.7	2.1	.8	3.1	29.8
1976	110.1	44.2	30.0	10.2	4.5	4.9	4.5	2.1	.9	3.0	35.9
1977	139.7	62.0	35.1	13.6	5.4	5.2	4.5	2.3	1.0	3.3	42.6
1978	159.9	74.9	45.0	20.6	9.2	5.7	3.6	1.5	1.2	3.0	39.9
1979	168.4	74.6	50.2	24.4	7.6	6.3	4.8	1.6	1.3	4.1	43.7
1980	148.4	63.7	52.5	24.8	8.4	6.8	5.3	1.6	1.2	4.4	32.2
1981	153.5	60.2	60.1	31.7	8.6	5.8	6.4	1.4	1.2	4.9	33.2
1982	156.2	59.2	59.6	28.2	9.5	6.1	7.8	1.9	1.2	4.8	37.4
1983	192.8	93.2	61.9	33.6	5.1	6.2	8.6	2.1	1.5	4.9	37.6
FLOOR SPACE (mil. sq. ft.)											
1970	2,938	1,781	1,157	530	212	195	75	29	27	89	(X)
1971	3,437	2,279	1,156	552	175	189	76	40	26	98	(X)
1972	4,082	2,823	1,260	647	211	157	84	38	27	96	(X)
1973	4,013	2,574	1,439	717	293	156	76	49	28	120	(X)
1974	2,938	1,657	1,282	594	246	176	75	47	27	117	(X)
1975	2,390	1,441	949	409	146	152	63	46	28	105	(X)
1976	2,819	1,867	952	440	152	118	71	42	31	99	(X)
1977	3,536	2,440	1,096	564	175	112	66	43	32	105	(X)
1978	4,101	2,815	1,286	758	219	104	53	22	35	96	(X)
1979	3,905	2,528	1,377	816	243	102	57	20	34	106	(X)
1980	3,092	1,892	1,200	688	216	95	54	18	28	101	(X)
1981	2,797	1,620	1,177	733	187	74	60	14	25	85	(X)
1982	2,442	1,497	945	571	119	74	70	19	25	68	(X)
1983	3,362	2,339	1,023	644	107	73	84	20	29	66	(X)

X Not applicable. [1] Includes nonindustrial warehouses. [2] Includes science. [3] Includes miscellaneous.

No. 1297. Construction Contracts—Value, by State: 1980 to 1983

[**In millions of dollars.** See headnote, table 1296. Represents value of construction in States in which work was actually done]

State	1980	1981	1982	1983			State	1980	1981	1982	1983		
				Total (incl. nonbldg.)	Residential	Nonresidential					Total (incl. nonbldg.)	Residential	Nonresidential
U.S.	**148,393**	**153,480**	**156,240**	**192,751**	**93,201**	**61,905**	MO	2,613	2,496	2,391	3,345	1,526	1,196
							MT	395	2,031	635	651	294	139
AL	1,918	1,880	2,011	2,787	1,302	1,026	NE	830	763	1,028	978	374	266
AK	706	1,153	1,545	1,953	853	722	NV	1,167	1,253	1,210	1,445	916	331
AZ	3,137	3,117	3,856	5,334	3,064	1,057	NH	477	547	544	789	452	183
AR	1,324	1,269	1,585	1,542	901	353	NJ	3,790	3,569	3,676	5,490	2,687	2,039
CA	17,688	17,254	15,542	22,349	11,380	8,347	NM	1,371	1,398	1,354	2,052	638	683
CO	2,791	4,419	4,147	4,719	2,588	1,572	NY	5,860	6,457	6,999	8,309	2,606	3,357
CT	1,440	1,837	1,656	2,334	1,089	910	NC	3,471	3,354	3,493	4,921	2,873	1,410
DE	305	554	375	473	181	131	ND	456	516	3,096	581	275	120
DC	510	967	794	707	172	455	OH	5,221	4,820	4,844	5,866	2,124	2,505
FL	12,847	12,124	10,820	14,398	8,627	4,343	OK	2,300	2,803	3,179	4,230	2,410	894
GA	3,939	3,820	4,975	5,905	3,293	1,776	OR	1,926	2,038	1,380	1,436	663	376
HI	1,216	927	931	712	359	205	PA	5,246	4,910	4,503	4,848	2,211	1,655
ID	635	722	508	559	299	139	RI	322	363	250	514	209	200
IL	5,313	4,781	4,696	6,020	2,338	2,242	SC	2,522	2,124	2,222	2,634	1,514	773
IN	2,775	2,952	2,893	3,147	1,209	1,251	SD	421	351	765	432	191	114
IA	1,540	1,264	1,280	1,533	614	474	TN	2,789	2,520	2,537	3,557	1,828	1,137
KS	1,887	1,268	1,350	1,949	991	558	TX	13,611	17,654	17,842	21,835	11,685	6,745
KY	2,185	3,432	2,611	2,681	1,241	801	UT	1,116	1,804	3,320	3,765	778	455
LA	3,270	3,826	5,751	4,377	1,924	1,360	VT	258	251	364	376	235	52
ME	538	428	495	625	322	163	VA	3,451	3,426	3,592	5,127	2,832	1,616
MD	3,062	2,508	2,992	4,285	2,312	1,171	WA	4,795	3,588	3,395	3,650	1,704	1,210
MA	2,712	3,262	2,891	3,841	1,653	1,573	WV	855	719	763	871	286	190
MI	4,174	3,258	2,536	3,513	1,470	1,278	WI	2,269	2,095	1,805	2,639	1,075	884
MN	2,746	2,658	2,985	4,177	1,574	940	WY	644	601	721	879	220	194
MS	1,561	1,347	1,103	1,613	843	331							

Source of tables 1296 and 1297: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY. Figures reported currently in *Dodge Construction Potentials*.

No. 1298. Value of Private Construction Authorized by Building Permits: 1974 to 1983

[In billions of dollars. "14,000 and 16,000 place" series are based on U.S. total of approximately 14,000 and 16,000 places identified in 1972 and 1976, respectively, with local building permit systems]

Type of construction	14,000 places					16,000 places					
	1974	1975	1976	1977	1978	1978	1979	1980	1981	1982	1983
Total	**50.9**	**47.4**	**64.2**	**82.9**	**96.6**	**101.6**	**107.4**	**102.1**	**103.7**	**98.5**	**127.5**
New housing units	*23.5*	*23.9*	*35.5*	*50.0*	*55.4*	*58.9*	*56.3*	*47.2*	*41.9*	*40.5*	*69.3*
In structures with—											
1 unit	16.8	19.8	29.0	40.0	43.2	46.3	42.6	33.1	28.7	27.4	49.1
2–4 units	1.0	1.1	1.8	2.6	3.0	3.1	3.3	3.3	3.2	2.7	4.3
5 units or more	*5.7*	*3.0*	*4.7*	*7.4*	*9.3*	*9.6*	*10.4*	*10.8*	*10.0*	*10.4*	*15.8*
New nonhousekeeping residential buildings	.9	.7	1.8	1.0	1.3	1.3	1.6	1.6	2.0	2.6	3.1
New nonresidential buildings	20.5	16.2	19.2	23.7	30.8	32.2	38.3	34.8	39.3	34.8	37.1
Industrial buildings	4.5	3.0	3.9	5.5	7.4	7.8	9.3	8.0	7.9	6.1	5.8
Office buildings	*3.9*	*3.0*	*3.1*	*4.3*	*6.6*	*6.8*	*9.1*	*9.9*	*14.6*	*12.9*	*12.6*
Stores and other mercantile	4.3	3.4	4.3	5.7	7.3	7.6	9.0	6.7	6.2	5.5	7.4
Hospitals and other institutional	2.0	2.0	2.4	2.0	2.1	2.1	2.3	1.6	1.7	2.0	2.4
All other nonresidential	5.8	4.8	5.4	6.1	7.4	7.9	8.7	8.7	8.9	8.3	8.9
Additions and alterations	6.0	6.6	7.7	8.2	9.1	9.2	11.2	18.5	20.5	20.6	23.4

Source: U.S. Bureau of the Census. In U.S. Department of Commerce, International Trade Administration, *Construction Review.*

No. 1299. New Privately Owned Housing Units Authorized by States: 1981 to 1983

[Based on about 16,000 places in U.S. having building permit systems]

State	Housing units (1,000)			Valuation (mil. dol.)			State	Housing units (1,000)			Valuation (mil. dol.)		
	1981	1982	1983	1981	1982	1983		1981	1982	1983	1981	1982	1983
U.S.	**985.5**	**1,000.5**	**1,605.2**	**41,910**	**40,492**	**69,278**	MO	9.9	11.5	18.7	361	436	807
AL	9.9	8.7	17.3	282	229	481	MT	1.9	2.0	3.0	68	71	131
AK	4.5	8.2	11.2	340	529	731	NE	3.8	3.6	5.5	138	128	217
AZ	33.4	36.5	64.0	1,202	1,231	2,317	NV	10.3	8.1	16.0	371	293	572
AR	4.6	6.3	10.0	162	196	328	NH	4.4	4.5	7.7	189	177	318
CA	104.2	85.0	171.9	6,350	5,003	10,256	NJ	20.7	21.3	35.9	1,005	992	1,802
CO	29.4	31.8	51.3	1,351	1,303	2,126	NM	8.0	8.6	10.7	324	346	489
CT	9.3	10.3	15.7	399	436	744	NY	26.2	25.0	37.9	1,049	1,097	1,658
DE	2.3	3.0	3.6	81	100	144	NC	34.1	33.1	53.9	1,155	1,136	2,004
DC	1.0	.4	.2	42	12	9	ND	2.2	2.8	4.4	83	105	167
FL	146.2	103.8	189.0	5,807	4,052	7,389	OH	21.8	16.6	26.6	960	725	1,332
GA	30.0	38.7	65.9	1,018	1,387	2,367	OK	15.0	28.7	40.1	775	1,249	1,593
HI	6.3	5.7	4.8	426	309	291	OR	12.9	7.5	8.6	588	347	483
ID	3.4	2.5	4.2	154	119	201	PA	24.3	22.2	33.2	956	880	1,424
IL	16.4	19.0	29.8	775	910	1,610	RI	3.1	2.6	3.8	98	81	143
IN	13.9	12.5	16.0	541	465	760	SC	16.9	18.0	29.8	704	652	1,124
IA	5.6	5.3	7.0	221	196	285	SD	1.5	1.2	2.5	50	42	94
KS	8.2	8.6	14.2	362	350	664	TN	11.7	14.8	26.6	398	483	986
KY	7.6	7.5	11.7	269	249	422	TX	135.8	201.2	276.2	5,252	6,903	10,464
LA	19.6	20.3	33.8	674	671	1,119	UT	8.7	7.5	14.7	439	338	672
ME	2.5	3.1	4.2	93	116	169	VT	2.6	2.2	2.9	92	89	116
MD	17.0	21.0	39.6	727	913	1,736	VA	29.7	29.9	53.8	1,102	1,219	2,236
MA	16.7	15.4	22.8	712	720	1,180	WA	24.4	17.6	27.2	1,160	860	1,537
MI	18.8	14.2	21.4	817	587	1,006	WV	2.4	1.8	1.8	77	58	61
MN	17.3	18.8	24.8	840	909	1,321	WI	14.2	12.3	17.0	551	481	759
MS	5.5	6.2	9.6	168	190	313	WY	4.1	2.9	2.8	152	121	117

Source: U.S. Bureau of the Census, *Construction Reports*, series C40, annual.

No. 1300. New Housing Units Started: 1960 to 1984

[Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series N 156–159]

Year	Total (1,000)	Percent change	Privately owned (1,000)		Publicly owned (1,000)	Year and month	Total (1,000)	Percent change	Privately owned (1,000)		Publicly owned (1,000)
			Total	1-unit structures					Total	1-unit structures	
1960	1,296	[1] –16.6	1,252	995	44	1974	1,353	–34.4	1,338	888	15
1961	1,365	5.3	1,313	974	52	1975	1,171	–13.4	1,160	892	11
1962	1,492	9.3	1,463	991	30	1976	1,548	32.2	1,538	1,162	10
1963	1,635	9.6	1,603	1,012	32	1977	2,002	29.8	1,987	1,451	15
1964	*1,561*	*–4.5*	*1,529*	*970*	*32*	1978	2,036	1.7	2,020	1,433	16
1965	1,510	–3.3	1,473	964	37	1979	1,760	–13.6	1,745	1,194	15
1966	1,196	–20.8	1,165	779	31	1980	1,313	–25.4	1,292	852	20
1967	1,322	10.5	1,292	844	30	1981	1,100	–16.2	1,084	705	16
1968	*1,545*	*16.9*	*1,508*	*899*	*38*	1982	1,072	–2.6	1,062	663	10
1969	1,500	–2.9	1,467	811	33	1983	1,712	59.7	1,703	1,068	9
1970	1,469	–2.1	1,434	813	35						
1971	2,085	41.9	2,052	1,151	32	1983, Jan.–Aug.[2]	(NA)	(NA)	1,708	1,081	(NA)
1972	*2,379*	*14.1*	*2,357*	*1,309*	*22*	1984, Jan.–Aug.[2 3]	(NA)	(NA)	1,860	1,146	(NA)
1973	2,057	–13.5	2,045	1,132	12						

NA Not available. [1] Change from 1959. [2] Average seasonally adjusted annual rate. [3] Preliminary.

Source: U.S. Bureau of the Census, *Construction Reports*, series C20.

No. 1301. New Housing Units Started—Selected Characteristics: 1970 to 1983

[**In thousands.** For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series N 156–163 and 170]

CHARACTERISTIC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total housing units started	**1,469**	**2,085**	**2,379**	**2,057**	**1,353**	**1,171**	**1,548**	**2,002**	**2,036**	**1,760**	**1,313**	**1,100**	**1,072**	**1,712**
Publicly owned units	35	32	22	12	15	11	10	15	16	15	20	16	10	9
Privately owned units [1]	1,434	2,052	2,357	2,045	1,338	1,160	1,538	1,987	2,020	1,745	1,292	1,084	1,062	1,703
With FHA aid [2]	421	528	371	163	95	98	144	176	178	178	177	145	152	128
With VA aid [2]	61	94	104	86	73	77	100	131	127	122	95	75	73	107
1 unit structures	813	1,151	1,309	1,132	888	892	1,162	1,451	1,433	1,194	852	705	663	1,068
2–4 unit structures	85	120	141	118	68	64	86	122	125	122	110	91	80	113
5 or more unit structures	536	781	906	795	382	204	289	414	462	429	331	288	320	522
Northeast	218	264	330	277	183	149	169	202	200	178	125	117	117	168
Midwest	294	434	443	440	317	294	400	465	451	349	218	165	149	218
South	612	869	1,057	899	553	442	569	783	824	748	643	562	591	935
West	311	486	527	429	285	275	400	538	545	471	306	240	205	382
Inside SMSA's [3]	1,018	1,502	1,720	1,495	923	760	1,044	1,377	1,432	1,241	914	760	785	1,351
Outside SMSA's [3]	416	550	636	550	415	400	494	610	588	505	379	324	277	352
Condominium units [4]	(NA)	(NA)	(NA)	241	176	85	94	118	155	199	185	181	170	276
Single-family units	(NA)	(NA)	(NA)	69	46	20	30	41	42	43	35	36	40	77
Multifamily units	(NA)	(NA)	(NA)	172	130	45	64	77	113	156	150	145	130	199
Mobile home [5] shipments to dealers	**401**	**497**	**576**	**567**	**329**	**213**	**246**	**277**	**276**	**277**	**222**	**241**	**240**	**296**

NA Not available. [1] For 1970–1976, characteristics such as type of structure, region, and inside/outside SMSA's include data for publicly owned units. [2] Source: U.S. Department of Housing and Urban Development, 1970–1979, *HUD Statistical Yearbook;* thereafter unpublished data. [3] For definition of standard metropolitan statistical area (SMSA), see text, Appendix II. 1970–1975 based on 1967 definitions as amended through 1974; thereafter, on 1974 definitions as amended through 1975. [4] Type of ownership under which the owners of the individual housing units are also joint owners of the common areas of the building or community, includes a small number of cooperatively-owned units. [5] See table 1307 for definition.

Source: Except as noted, U.S. Bureau of the Census, *Construction Reports,* series C20. Mobile home shipments data provided by Manufactured Housing Institute through 1977; thereafter, by the National Conference of States on Building Codes and Standards.

No. 1302. New Privately-Owned Housing Units Started, By State: 1981 to 1983

[**In thousands of units.** Minus sign (–) indicates decrease]

REGION, DIVISION AND STATE	NUMBER			PERCENT CHANGE	
	1981	1982	1983, prel.	1981–1982	1982–1983
United States	**1,085.0**	**1,062.0**	**1,688.3**	**–2.1**	**59.0**
Region:					
Northeast	117.0	117.0	176.5	–	50.9
Midwest	166.0	148.0	214.1	–10.8	44.7
South	562.0	591.2	926.8	5.2	56.8
West	240.0	205.8	370.9	–14.3	80.2
New England	**40.8**	**42.3**	**64.2**	**3.7**	**51.8**
Maine	4.0	4.4	4.8	10.3	9.6
New Hampshire	5.3	5.6	8.4	5.5	52.2
Vermont	4.0	2.9	6.3	–26.3	115.2
Massachusetts	15.9	16.0	24.2	.6	51.7
Rhode Island	2.8	2.8	3.9	–.1	40.4
Connecticut	8.8	10.6	16.6	19.9	57.1
Middle Atlantic	**76.3**	**74.8**	**112.1**	**–2.0**	**49.9**
New York	27.9	27.1	37.0	–2.7	36.4
New Jersey	19.5	21.7	38.3	11.3	76.7
Pennsylvania	28.9	26.0	36.8	–10.2	41.9
East North Central	**99.9**	**82.9**	**121.0**	**–17.0**	**46.0**
Ohio	28.0	19.9	30.0	–29.0	51.1
Indiana	16.9	14.0	19.0	–16.9	35.7
Illinois	19.4	20.2	30.9	4.0	52.5
Michigan	19.7	14.9	23.0	–24.6	54.8
Wisconsin	15.9	13.9	18.1	–12.7	30.1
West North Central	**66.0**	**65.1**	**93.0**	**–1.4**	**42.9**
Minnesota	20.8	21.7	27.7	3.9	28.1
Iowa	7.6	6.9	8.4	–9.2	21.4
Missouri	15.7	15.2	24.2	–3.5	59.1
North Dakota	3.2	4.0	5.5	25.0	39.4
South Dakota	2.6	1.9	2.9	–25.1	50.9
Nebraska	5.2	4.6	7.4	–10.5	60.1
Kansas	10.9	10.8	16.9	–.9	56.4
South Atlantic	**288.5**	**248.8**	**409.2**	**–15.8**	**64.5**
Delaware	2.3	2.8	3.4	23.8	21.3
South Atlantic—Con.					
Maryland	16.9	20.3	35.8	19.9	76.6
District of Columbia	.9	.3	.3	–62.4	–19.1
Virginia	29.4	29.9	51.1	1.7	70.7
West Virginia	5.2	2.2	2.7	–58.2	21.6
North Carolina	36.7	32.8	49.5	–10.7	51.0
South Carolina	18.8	17.9	25.8	–4.7	44.2
Georgia	37.3	42.5	70.1	14.0	64.9
Florida	141.0	100.1	170.5	–29.0	70.3
East South Central	**55.1**	**40.1**	**80.6**	**–27.4**	**101.0**
Kentucky	12.0	8.4	15.8	–30.4	88.4
Tennessee	17.0	15.8	34.8	–7.2	120.1
Alabama	17.0	9.0	18.2	–47.0	101.9
Mississippi	9.1	6.9	11.8	–24.6	71.3
West South Central	**218.4**	**302.3**	**437.1**	**38.4**	**44.6**
Arkansas	9.0	6.7	12.0	–25.5	80.0
Louisiana	25.3	22.4	36.8	–11.4	64.3
Oklahoma	21.2	34.8	53.4	64.5	53.5
Texas	162.9	238.4	334.9	46.3	40.4
Mountain	**95.4**	**91.7**	**162.6**	**–4.2**	**77.3**
Montana	1.8	1.8	2.7	.5	48.4
Idaho	3.8	2.3	3.9	–38.4	70.2
Wyoming	3.9	2.8	3.3	–28.8	19.1
Colorado	28.2	29.3	51.4	3.8	75.4
New Mexico	7.4	7.9	10.1	6.3	28.2
Arizona	32.0	33.3	63.2	3.9	90.0
Utah	8.6	6.8	12.3	–20.8	81.0
Nevada	9.7	7.5	15.7	–23.2	110.3
Pacific	**144.4**	**114.2**	**208.2**	**–20.9**	**82.3**
Washington	23.2	15.7	27.5	–32.5	75.0
Oregon	12.3	7.0	9.4	–43.1	33.9
California	98.7	77.9	151.7	–21.1	94.9
Alaska	4.4	8.6	13.4	94.8	56.6
Hawaii	5.8	5.0	6.2	–14.2	23.0

– Represents zero.

Source: National Association of Home Builders, Economics Division, Washington, DC. Data provided from the Econometric Forecasting Service.

No. 1303. Characteristics of New Privately Owned One-Family Houses Completed: 1970 to 1983

[**Percent distribution, except as indicated.** *Data beginning 1975 show percent distribution of characteristics for all houses completed (includes new houses completed, houses built for sale completed, contractor-built and owner-built houses completed, and houses completed for rent). Data for 1970 cover contractor-built, owner-built, and houses for rent for year construction started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported*]

CHARACTERISTIC	1970	1975	1980	1982	1983	CHARACTERISTIC	1970	1975	1980	1982	1983
Total houses (1,000)	793	875	957	632	924	**Bathrooms**	100	100	100	100	100
						1 or less	32	24	18	22	18
Financing	100	100	100	100	100	1½	20	17	10	11	10
Mortgage	84	82	81	77	81	2	32	40	48	45	48
FHA-insured	30	9	16	20	20	2½ or more	16	20	25	22	24
VA-guaranteed	7	8	8	7	9						
Conventional	47	58	55	45	50	**Foundation**	100	100	100	100	100
Farmers Home Administration		7	3	4	2	Full or partial basement	37	45	36	31	32
Cash or equivalent	16	18	18	23	19	Slab	36	35	45	49	51
						Crawl space	27	20	19	20	17
Floor area	100	100	100	100	100						
Under 1,200 sq. ft.	36	25	21	25	22	**Heating fuel**	100	100	100	100	100
1,200–1,599 sq. ft.	28	30	29	30	31	Electricity	28	49	50	50	49
1,600–1,999 sq. ft.	16	34	22	19	21	Gas	62	40	41	40	43
2,000–2,399 sq. ft.	21		13	11	12	Oil	8	9	3	3	2
2,400 sq. ft. and over		11	15	15	15	Other	1	2	5	8	6
Average (sq. ft.)	1,500	1,645	1,740	1,710	1,725						
Median (sq. ft.)	1,385	1,535	1,595	1,520	1,565	**Central air-conditioning**	100	100	100	100	100
						With	34	46	63	66	70
Number of stories	100	100	100	100	100	Without	66	54	37	34	30
1	74	65	60	61	58						
2 or more	17	23	31	33	36	**Parking facilities**	100	100	100	100	100
Split level	10	12	8	6	6	Garage	58	67	69	65	68
						Carport	17	9	7	8	7
Bedrooms	100	100	100	100	100	No garage or carport	25	24	24	27	25
2 or less	13	14	17	24	24						
3	63	65	63	58	59						
4 or more	24	21	20	18	18						

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing* (a joint publication).

No. 1304. New Privately Owned One-Family Houses Sold, by Region and Type of Financing 1970 to 1983, and by Sales Price, 1983

[**In thousands.** Based on a national probability sample of monthly interviews with builders or owners of 1-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For *composition of regions, see fig. I, inside front cover*]

YEAR AND SALES-PRICE GROUP	NUMBER SOLD					FINANCING TYPE			
	Total	Northeast	Midwest	South	West	Conventional	FHA and VA	Farmers Home Administration	Cash
1970	485	61	100	203	121	[1] 213	244	(1)	27
1971	656	82	127	270	176	[1] 314	314	(1)	28
1972	*718*	*96*	*130*	*305*	*187*	[1] *447*	*242*	(1)	*30*
1973	634	95	120	257	161	[1] 465	134	(1)	34
1974	519	69	103	207	139	[1] 378	112	(1)	28
1975	549	71	106	222	150	363	122	43	22
1976	646	72	128	247	199	458	134	23	31
1977	819	86	162	317	255	592	166	24	38
1978	817	78	145	331	262	575	174	26	43
1979	709	67	112	304	225	469	186	18	36
1980	545	50	81	267	145	302	196	14	32
1981	436	46	60	219	112	244	142	14	36
1982	412	47	48	219	99	193	173	11	34
1983	**623**	**76**	**71**	**323**	**152**	**350**	**217**	**8**	**49**
Under $50,000	65	6	8	44	7	27	26	7	5
$50,000 to $59,999	84	9	8	51	16	37	40	(S)	6
$60,000 to $69,999	109	9	11	64	25	46	56	(S)	7
$70,000 to $79,999	95	12	9	48	27	45	43	(S)	7
$80,000 to $99,999	113	16	11	53	32	68	36	(S)	8
$100,000 to $119,999	49	8	7	20	14	36	9	(S)	4
$120,000 and over	108	16	17	44	31	90	7	(S)	11

S Estimate does not meet publication standards. [1] Houses financed by Farmers Home Administration included under conventional financing.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing*, annual, and *New One-Family Houses Sold and For Sale*, monthly.

No. 1305. Median Sales Price of New Privately Owned One-Family Houses Sold, by Region: 1965 to 1983

[**In dollars.** For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

YEAR	U.S.	North-east	Mid-West	South	West	YEAR	U.S.	North-east	Mid-West	South	West
1965	20,000	21,500	21,600	17,500	21,600	1975	39,300	44,000	39,600	37,300	40,600
1966	21,400	23,500	23,200	18,200	23,200	1976	44,200	47,300	44,800	40,500	47,200
1967	22,700	25,400	25,100	19,400	24,100	1977	48,800	51,600	51,500	44,100	53,500
1968	24,700	27,700	27,400	21,500	25,100	1978	55,700	58,100	59,200	50,300	61,300
1969	25,600	31,600	27,600	22,800	25,300	1979	62,900	65,500	63,900	57,300	69,600
1970	23,400	30,300	24,400	20,300	24,000	1980	64,600	69,500	63,400	59,600	72,300
1971	25,200	30,600	27,200	22,500	25,500	1981	68,900	76,000	65,900	64,400	77,800
1972	27,600	31,400	29,300	25,800	27,500	1982	69,300	78,200	68,900	66,100	75,000
1973	32,500	37,100	32,900	30,900	32,400	1983 [1]	75,300	82,200	79,500	70,900	80,100
1974	35,900	40,100	36,100	34,500	35,800						

[1] 1984, U.S. total: 1st qtr., $78,200, 2d qtr., $80,600.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing*, annual, and *New One-Family Houses Sold and For Sale*, monthly.

No. 1306. Existing One-Family Houses Sold and Price, by Region: 1970 to 1983

[Based on data (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing services. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

REGION	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Houses sold, U.S	1,000	1,612	2,252	2,334	2,272	2,476	3,064	3,650	3,986	3,827	2,973	2,419	1,990	2,719
Northeast	1,000	251	361	367	354	370	439	515	516	526	403	353	354	493
Midwest	1,000	501	630	674	645	701	881	1,101	1,144	1,061	806	632	490	709
South	1,000	568	788	847	839	862	1,033	1,231	1,416	1,353	1,092	917	780	1,035
West	1,000	292	473	446	434	543	712	803	911	887	672	516	366	481
Median sales price, U.S	$1,000	23.0	26.7	28.9	32.0	35.3	38.1	42.9	48.7	55.7	62.2	66.4	67.8	70.3
Northeast	$1,000	25.2	29.8	32.8	35.8	39.3	41.8	44.4	47.9	53.6	60.8	63.7	63.5	72.2
Midwest	$1,000	20.1	23.9	25.3	27.7	30.1	32.9	36.7	42.2	47.8	51.9	54.3	55.1	56.6
South	$1,000	22.2	26.4	29.0	32.3	34.8	36.5	39.8	45.1	51.3	58.3	64.4	67.1	69.2
West	$1,000	24.3	28.4	31.0	34.8	39.6	46.1	57.3	66.7	77.4	89.3	96.2	98.9	94.9

Source: National Association of REALTORS®, Washington, DC, *Existing Home Sales*, monthly. (Copyright.)

No. 1307. New Mobile Homes Placed for Residential Use and Average Sales Price, by Region: 1974 to 1983

[A mobile home is a moveable dwelling, 10 feet or more wide and 35 feet or more long, designed to be towed on its own chassis and without need of a permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Based on a probability sample and subject to sampling variability; see source. For composition of regions, see fig. I, inside front cover]

REGION	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Units placed, U.S	1,000	332.0	229.3	249.6	257.5	279.9	279.9	233.7	229.2	234.1	278.1
Northeast	1,000	23.3	14.7	16.8	16.7	17.4	16.9	12.3	12.0	12.4	16.9
Midwest	1,000	67.5	48.5	51.5	50.7	49.5	47.3	32.3	30.1	25.6	34.9
South	1,000	170.8	110.8	114.8	112.5	135.3	145.2	140.3	143.5	161.1	186.0
West	1,000	70.4	55.2	66.5	77.7	77.7	70.5	48.7	43.6	35.0	41.4
Average sales price, U.S	$1,000	9.3	10.6	12.3	14.2	15.9	17.6	19.8	19.9	19.7	21.0
Northeast	$1,000	9.4	10.5	11.6	12.9	14.3	15.8	18.5	19.0	19.8	21.4
Midwest	$1,000	9.3	10.7	11.6	13.5	15.1	16.1	18.6	18.9	20.0	20.4
South	$1,000	8.3	9.0	10.6	12.1	13.7	15.6	18.2	18.4	18.5	19.7
West	$1,000	11.6	13.6	16.0	18.1	20.6	23.1	25.4	25.6	24.7	27.0

Source: U.S. Bureau of the Census, *Construction Reports*, series C20.

No. 1308. Gross Housing Product—Summary: 1970 to 1983

[In billions of dollars, except percent. For definition of current and constant dollars, see Guide to Tabular Presentation]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
CURRENT DOLLARS											
Total value of housing output [1]	90.3	132.6	144.5	160.5	179.3	202.0	227.0	256.3	291.2	322.1	350.8
Percent of GNP [2]	*9.1*	*9.2*	*9.3*	*9.3*	*9.3*	*9.3*	*9.4*	*9.7*	*9.8*	*10.5*	*10.6*
Nonfarm housing	87.3	127.9	139.1	154.5	172.1	193.8	217.3	245.1	279.0	309.3	338.4
Owner-occupied	61.3	91.1	99.5	111.1	124.7	141.2	159.9	181.4	206.8	229.3	250.6
Tenant-occupied	26.0	36.8	39.5	43.4	47.4	52.6	57.4	63.7	72.2	80.0	87.8
Farm housing	3.0	4.7	5.4	6.0	7.3	8.2	9.8	11.1	12.2	12.9	12.4
Less: Intermediate goods and services consumed	*12.4*	*19.9*	*22.4*	*25.9*	*27.8*	*32.6*	*36.8*	*40.6*	*43.3*	*45.2*	*47.7*
Equals: Gross housing product	77.9	112.7	122.1	134.6	151.5	169.5	190.3	215.6	247.9	276.9	303.1
CONSTANT (1972) DOLLARS											
Total value of housing output [1]	98.1	119.9	123.8	130.1	136.5	143.5	149.6	154.8	159.8	162.8	166.3
Nonfarm housing	94.5	116.6	120.6	127.1	133.5	140.7	147.0	152.4	157.7	160.7	164.7
Owner-occupied	66.4	83.1	86.3	91.4	96.8	102.5	108.2	112.8	116.9	119.2	122.0
Tenant-occupied	28.1	33.5	34.3	35.7	36.8	38.2	38.8	39.6	40.8	41.6	42.7
Farm housing	3.7	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.1	1.8	1.6
Less: Intermediate goods and services consumed	*13.5*	*17.9*	*19.0*	*20.9*	*20.9*	*22.8*	*23.8*	*23.8*	*23.0*	*22.1*	*22.0*
Equals: Gross housing product	84.6	102.0	104.8	109.3	115.6	120.8	125.8	131.0	136.8	140.5	144.4

[1] Equals personal consumption expenditures (see text, pages 427 and 428) for housing, less expenditures for transient hotels, motels, clubs, schools, and other group housing. [2] GNP=Gross national product.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 1309. Residential Capital—Stocks and Average Age: 1960 to 1983

[As of Dec. 31. Data based on fixed residential capital formation components of the gross national product. For nonresidential business capital, see table 892. See also *Historical Statistics, Colonial Times to 1970*, series F 528–534 and N 200–223]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	CAPITAL IN CURRENT DOLLARS (bil. dol.)												
Gross stocks [1]	664	796	1,163	1,862	2,017	2,274	2,627	3,136	3,494	3,852	4,211	4,292	4,522
Private nonfarm: 1–4 units	552	651	931	1,446	1,567	1,771	2,052	2,455	2,735	3,013	3,294	3,353	3,534
5 or more units	46	69	122	239	259	292	336	402	452	502	554	569	606
Farm (1–4 units)	41	41	52	71	75	82	91	106	114	122	130	129	131
Private nonhousekeeping	5	7	10	14	14	16	18	20	22	23	25	25	25
Mobile homes	4	6	15	34	37	42	49	57	66	73	78	82	86
Public: Federal, State and local	12	17	26	46	49	54	62	73	81	90	99	101	106
Net stocks [1] [2]	418	514	754	1,224	1,319	1,484	1,716	2,048	2,281	2,505	2,727	2,761	2,905
Private nonfarm: 1–4 units	357	426	605	940	1,016	1,149	1,336	1,601	1,784	1,960	2,135	2,161	2,275
5 or more units	26	46	87	180	194	216	248	295	330	365	400	407	432
Farm (1–4 units)	18	18	22	29	31	34	38	44	47	51	53	53	53
Private nonhousekeeping	2	4	7	8	9	9	10	11	12	12	13	12	13
Mobile homes	3	4	10	23	24	27	30	34	38	41	43	43	45
Public: Federal, State and local	10	13	20	34	36	39	43	51	55	61	66	67	69
	CAPITAL IN CONSTANT (1972) DOLLARS (bil. dol.)												
Gross stocks [1]	941	1,102	1,262	1,446	1,474	1,511	1,556	1,602	1,644	1,679	1,711	1,737	1,777
Private nonfarm: 1–4 units	786	905	1,012	1,121	1,144	1,174	1,211	1,247	1,279	1,306	1,330	1,348	1,379
5 or more units	65	96	132	185	189	193	198	204	211	218	224	229	236
Farm (1–4 units)	59	58	56	55	54	54	54	54	53	53	52	52	51
Private nonhousekeeping	7	9	11	11	11	10	10	10	10	10	10	10	10
Mobile homes	3	6	14	27	28	30	32	34	36	38	39	40	41
Public: Federal, State and local	17	23	28	35	35	35	36	36	37	38	38	39	40
Net stocks [1] [2]	593	711	818	950	964	986	1,016	1,046	1,072	1,091	1,107	1,116	1,140
Private nonfarm: 1–4 units	508	591	657	729	742	762	788	814	835	850	862	869	888
5 or more units	37	64	95	140	142	143	146	150	154	158	161	164	168
Farm (1–4 units)	26	25	24	23	22	22	22	22	22	22	22	21	21
Private nonhousekeeping	3	6	7	6	6	6	6	6	6	5	5	5	5
Mobile homes	2	4	10	18	19	19	20	20	21	21	21	21	22
Public: Federal, State and local	14	18	21	26	26	25	25	25	25	25	26	26	26
	AVERAGE AGE [3] (years)												
Gross stocks [1]	26.1	26.6	25.9	24.8	24.9	24.9	24.7	24.6	24.6	24.6	24.8	25.0	25.0
Private nonfarm: 1–4 units	27.5	26.7	26.6	26.3	26.4	26.3	26.1	25.9	25.9	26.0	26.1	26.3	26.3
5 or more units	27.9	21.3	18.3	15.6	16.0	16.4	16.7	16.9	17.1	17.3	17.6	17.9	18.1
Farm (1–4 units)	45.0	45.5	45.9	46.0	46.0	46.0	45.8	45.6	45.4	45.4	45.5	45.5	45.8
Private nonhousekeeping	21.8	15.9	14.6	16.1	16.5	17.0	17.5	18.1	18.7	19.3	19.9	20.4	21.0
Mobile homes	4.7	5.0	4.7	4.9	5.4	5.8	6.2	6.4	6.7	7.1	7.4	7.7	7.8
Federal	15.1	15.7	19.6	17.7	18.9	20.2	21.0	21.7	22.7	23.1	23.6	24.1	24.3
State and local	9.8	11.7	13.2	15.0	15.7	16.5	17.2	17.8	18.4	18.9	19.3	19.9	20.4

[1] Includes equipment, not shown separately. [2] Based on straight-line depreciation. [3] Constant-dollar stocks.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79, Survey of Current Business*, February 1981, October 1982, August 1983 and August 1984.

NO. 1310. HOUSING UNITS—SUMMARY OF CHARACTERISTICS: 1960 TO 1983

[**In thousands, except as indicated.** As of **April,** except **1983** as of **fall.** For information on methodology, see Appendix III. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	1960	1970	1980	1983				
				Total	Regions			
					North-east	Mid-west	South	West
All housing units	**58,326**	**68,672**	**88,411**	**93,519**	**20,053**	**23,874**	**31,150**	**18,443**
All year-round units	56,584	67,699	86,693	91,675	19,352	23,421	30,700	18,201
Occupied units	53,024	63,445	80,390	84,638	18,221	21,618	27,931	16,868
Owner occupied	32,797	39,886	51,795	54,724	11,009	14,935	18,825	9,955
Percent of all occupied	61.9	62.9	64.4	64.7	60.4	69.1	67.4	59.0
Renter occupied	20,227	23,560	28,595	29,914	7,212	6,683	9,106	6,912
Vacant year-round	3,560	4,254	6,303	7,037	1,131	1,803	2,769	1,334
For sale only	522	501	948	955	120	275	364	196
Homeowner vacancy rate	1.6	1.2	1.8	1.7	1.1	1.8	1.9	1.9
For rent	1,453	1,666	2,179	1,906	303	470	753	381
Rental vacancy rate	6.7	6.8	7.1	5.9	4.0	6.4	7.5	5.1
Other vacant	1,084	2,087	3,176	4,176	708	1,058	1,652	756
Vacant, seasonal and migratory	1,742	973	1,718	1,845	700	453	450	241
Cooperatives and condominiums:								
Owner occupied	(NA)	(NA)	(NA)	1,749	422	341	496	489
Cooperatives	(NA)	(NA)	(NA)	360	227	58	35	40
Condominiums	(NA)	(NA)	1,225	1,389	195	284	461	449
Vacant for sale only	(NA)	(NA)	(NA)	145	14	25	65	41
Public or subsidized housing: [1]								
Units in public housing project	(NA)	(NA)	(NA)	2,180	639	525	707	309
Private housing unit with government rent subsidy	(NA)	(NA)	(NA)	1,199	381	252	293	273
Units in structure [2]—								
1-unit	43,758	46,791	57,183	61,482	10,864	16,546	22,298	11,754
Percent of total units	77.3	69.1	65.9	67.1	56.2	70.6	72.6	64.6
2-4 units	7,552	9,007	9,682	11,373	3,847	2,969	2,516	2,041
5 or more units	6,238	9,829	15,478	14,820	4,274	3,149	4,028	3,369
Mobile home or trailer	767	2,073	4,416	3,999	348	756	1,858	1,037
Year structure built: [2]								
April 1970 or later	(X)	(X)	[3] 22,744	23,686	2,633	4,926	10,301	5,826
1960-March 1970	(X)	16,956	[4] 17,087	18,144	3,082	4,242	6,763	4,058
1950-1959	16,046	14,499	14,871	14,331	2,628	3,544	5,013	3,147
1940-1949	8,640	8,788	9,642	8,101	1,549	1,782	3,051	1,719
1939 or earlier	33,632	27,458	22,414	27,413	9,461	8,927	5,573	3,452
Percent built prior to 1940	57.7	40.6	25.8	29.9	48.9	38.1	18.2	19.0
Units with [2]—								
1-3 rooms	11,400	11,028	13,598	13,533	3,498	2,768	3,834	3,433
4 rooms	12,435	14,113	16,969	17,828	3,409	4,100	6,356	3,963
5 rooms	14,323	16,998	20,017	21,937	3,812	5,909	8,160	4,055
6 rooms	11,141	13,609	16,945	18,324	3,869	4,940	6,390	3,184
7 or more rooms	9,020	11,950	19,164	20,053	4,764	5,703	6,020	3,566
Median number of rooms	4.9	5.0	5.1	5.1	5.2	5.3	5.1	4.9
Persons per unit (median):								
Owner occupied	3.1	3.0	2.6	2.5	2.7	2.6	2.5	2.4
Renter occupied	2.6	2.3	2.0	2.0	2.0	1.9	2.2	2.1
Units lacking some or all plumbing facilities [2]	7,899	4,398	2,334	2,233	371	463	1,174	225
Percent	13.2	6.5	2.7	2.4	1.9	2.0	3.8	1.2
Percent of units with—								
Telephone [5]	78.5	87.0	93.0	90.4	91.3	92.2	88.3	90.5
Air conditioning [2]	12.4	36.7	55.0	59.1	46.8	61.7	78.2	37.2
Central system [2]	1.9	10.7	27.5	29.2	9.6	29.5	45.4	23.0
Public sewer [2]	(NA)	70.2	74.1	74.3	76.9	76.5	65.6	83.3
Public or private company water [1]	(NA)	81.7	83.6	84.4	85.8	81.0	81.5	92.1
Year householder moved into unit:								
April 1970 or later	(NA)	(NA)	(NA)	61,655	12,038	15,259	20,665	13,692
1965-March 1970	(NA)	(NA)	(NA)	7,004	1,698	1,852	2,325	1,129
1960-1964	(NA)	(NA)	(NA)	5,090	1,301	1,379	1,643	768
1950-1959	(NA)	(NA)	(NA)	6,397	1,827	1,812	1,911	847
1949 or earlier	(NA)	(NA)	(NA)	4,493	1,358	1,316	1,387	433

NA Not available. X Not applicable. [1] Refers to specified renter-occupied units. [2] For 1960, all housing units, based on a complete count, but tabulated on a 20-percent sample basis. For 1970, 1980, and 1983 all year-round units. For 1960 and 1983, air conditioning based on occupied housing units. [3] January 1970 or later. [4] 1960 to 1969. [5] Occupied housing units.

Source: U.S. Bureau of the Census, *U.S. Census of Housing: 1960*, vol. I.; *1980 Census of Housing*, vol. I, chapters A and B; and *Current Housing Reports*, series H-150-83, Annual Housing Survey, part A.

No. 1311. Housing Units—Characteristics for Selected Cities: 1980

[As of April. Cities ranked by size of population enumerated as of April 1, 1980, except Honolulu, ranked by county population]

City	Total housing units (1,000)	YEAR-ROUND HOUSING UNITS										
		Total (1,000)	Percent with—			Occupied housing units						
			Structure built		5 or more units in structure	Total (1,000)	Percent—			Median value specified owner [1] (dol.)	Median selected monthly owner costs [2] (dol.)	Median gross rent [3] specified renter [4] (dol.)
			1970 to March 1980	1939 or earlier			Owner occupied units	With 1.01 or more persons per room	Householder moved into unit 1979 to March 1980			
New York, NY	2,946	2,941	7.3	49.4	64.5	2,789	23.4	8.2	17.1	52,220	441	248
Chicago, IL	1,175	1,174	5.9	51.8	41.7	1,093	38.9	8.1	21.0	47,200	371	231
Los Angeles, CA	1,189	1,189	13.6	22.7	40.9	1,135	40.3	13.0	25.8	96,100	420	262
Philadelphia, PA	686	685	5.5	58.4	18.0	620	61.0	4.2	15.4	23,500	269	217
Houston, TX	678	678	36.5	8.4	39.8	603	47.8	7.7	35.6	49,100	378	276
Detroit, MI	471	471	3.2	45.6	18.7	433	57.9	4.8	18.6	20,900	320	216
Dallas, TX	390	290	28.1	9.8	37.6	355	48.5	6.6	34.1	43,900	338	257
San Diego, CA	342	342	32.8	13.0	29.2	321	49.1	5.9	33.8	89,800	416	274
Phoenix, AZ	308	307	39.7	4.8	22.4	285	64.7	5.6	32.8	54,100	357	279
Baltimore, MD	303	302	5.8	50.3	20.7	281	47.2	5.0	18.8	28,700	293	214
San Antonio, TX	278	278	25.9	14.1	20.8	259	59.5	10.5	26.4	27,300	263	209
Honolulu, HI	252	251	35.2	8.4	41.5	230	49.9	15.5	27.4	129,500	494	315
Indianapolis, IN	283	283	19.6	25.9	22.3	260	58.9	3.3	25.5	35,100	300	226
San Francisco, CA	317	316	6.6	57.7	43.0	299	33.7	7.3	25.8	103,900	394	285
Memphis, TN	244	244	20.5	13.6	22.7	230	56.3	6.6	24.5	35,200	275	198
Washington, DC	277	277	7.0	39.1	52.7	253	35.5	8.1	20.1	68,800	399	226
Milwaukee, WI	253	253	9.7	41.7	22.9	242	47.2	3.4	24.5	45,500	359	238
San Jose, CA	217	217	39.1	7.3	18.6	210	62.1	6.8	30.7	98,100	478	325
Cleveland, OH	240	239	4.4	57.7	22.0	218	48.2	3.3	20.2	30,400	307	195
Columbus, OH	237	237	24.0	24.4	26.6	217	48.8	2.7	30.4	41,300	333	225
Boston, MA	241	241	7.2	63.0	42.8	218	27.2	5.2	25.9	36,000	407	251
New Orleans, LA	226	226	12.3	37.5	19.5	206	39.7	8.6	23.4	50,400	344	210
Jacksonville, FL	214	213	28.5	11.7	19.5	197	62.6	4.4	26.9	31,700	327	240
Seattle, WA	230	230	10.0	40.3	33.3	219	51.0	2.8	27.2	65,100	331	251
Denver, CO	228	228	19.7	29.4	36.6	212	50.2	3.3	33.3	62,000	379	242
Nashville-Davidson, TN	179	179	27.4	14.2	26.0	170	56.4	3.6	26.5	43,800	307	243
St. Louis, MO	202	202	3.7	60.6	21.2	178	45.2	6.9	19.4	26,100	283	186
Kansas City, MO	192	192	12.8	36.5	26.3	175	57.9	3.2	23.7	34,600	301	215
El Paso, TX	134	134	34.6	11.2	25.0	128	59.2	12.4	29.0	39,000	281	196
Atlanta, GA	179	179	12.5	21.0	39.6	163	41.3	6.3	26.0	31,800	335	195
Pittsburgh, PA	179	179	4.8	63.3	25.2	166	51.2	2.8	18.2	31,500	292	216
Oklahoma City, OK	177	177	27.0	16.0	19.7	160	63.2	3.5	29.5	40,100	320	239
Cincinnati, OH	173	173	9.3	46.3	38.1	158	38.5	4.7	27.1	40,800	332	190
Fort Worth, TX	156	156	19.1	16.9	17.4	144	61.1	6.1	27.9	32,200	280	231
Minneapolis, MN	169	169	9.2	56.9	34.2	162	49.2	2.0	28.5	52,600	355	227
Portland, OR	168	168	11.3	46.4	26.8	159	53.3	2.5	28.1	52,900	357	245
Long Beach, CA	160	160	10.8	23.6	36.3	152	42.9	7.4	30.9	81,900	390	263
Tulsa, OK	156	156	28.2	14.7	20.8	145	61.2	2.5	31.4	45,400	325	246
Buffalo, NY	156	156	2.7	73.0	14.4	141	44.5	2.1	21.4	22,300	290	196
Toledo, OH	143	143	14.2	41.8	18.1	133	63.3	2.2	21.7	37,800	329	227
Miami, FL	146	145	20.6	16.3	45.6	134	34.1	19.9	26.2	47,500	318	227
Baton Rouge, LA	84	84	24.6	10.5	25.5	79	54.0	5.6	28.5	52,200	309	239
Austin, TX	147	146	41.5	8.1	32.8	134	45.9	5.4	42.6	47,300	393	265
Oakland, CA	150	150	7.9	41.0	32.2	142	42.9	6.7	25.2	66,600	338	231
Albuquerque, NM	133	133	41.2	6.1	22.9	124	60.8	4.3	33.5	55,100	358	236
Tucson, AZ	137	136	34.0	7.5	23.4	125	59.8	5.9	33.6	50,300	307	244
Newark, NJ	121	121	6.3	47.4	48.0	111	21.1	12.3	20.7	31,500	424	214
Charlotte, NC	124	124	27.2	10.5	23.6	118	54.7	4.0	28.0	45,800	352	245
Omaha, NE	125	125	12.3	33.7	23.6	118	61.3	2.6	22.8	34,400	334	213
Louisville, KY	126	126	7.3	41.7	21.6	117	56.3	4.3	20.7	26,900	255	162
Birmingham, AL	115	114	14.3	27.7	24.2	107	53.3	5.5	21.4	31,300	275	187
Wichita, KS	117	117	20.6	19.8	17.1	110	59.7	3.2	30.3	40,800	316	244
Sacramento, CA	123	123	23.4	19.4	22.0	113	56.4	4.4	29.2	54,600	296	213
Tampa, FL	114	114	18.8	17.3	21.1	106	61.1	5.2	25.2	30,600	276	211
St. Paul, MN	111	111	11.2	49.5	30.8	106	55.7	2.6	23.9	51,700	362	227
Norfolk, VA	95	95	15.1	21.0	23.9	88	43.9	5.1	30.0	39,100	349	231
Virginia Beach, VA	92	91	51.2	2.5	17.4	85	64.2	2.0	33.3	58,500	454	311
Rochester, NY	103	103	8.0	62.7	23.0	95	46.1	2.7	27.0	25,600	340	221

[1] "Specified owner-occupied" housing units include one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a *usual residence*, as well as owner-occupied noncondominium units in multi-family buildings. [2] "Specified owner with a mortgage". Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). [3] "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. [4] "Specified renter-occupied" housing units include renter-occupied units except one-family houses on 10 or more acres.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A and HC80-1-B).

NO. 1312. HOUSING UNITS—SELECTED CHARACTERISTICS, BY STATE: 1980

[As of April 1]

STATE	Total housing units (1,000)	YEAR-ROUND HOUSING UNITS										
		Total (1,000)	Percent with—			Occupied housing units						
			Structure built		5 or more units in structure	Total (1,000)	Percent—			Median value (dol.) specified owner [1]	Median selected month by owner costs [2] (dol.)	Median gross rent [3] (dol.) specified renter [4]
			1970 to March 1980	1939 or earlier			Owner occupied units	With 1.01 or more persons per room	Householder moved into unit 1979 to March 1980			
United States	**88,411**	**86,759**	**25.9**	**26.1**	**17.5**	**80,390**	**64.4**	**4.5**	**22.6**	**47,200**	**365**	**243**
Alabama	1,467	1,451	30.9	16.3	9.1	1,342	70.1	5.4	20.6	33,900	295	188
Alaska	163	154	52.7	4.7	22.1	131	58.3	10.1	38.6	76,300	640	368
Arizona	1,111	1,072	48.6	5.6	16.3	957	68.3	7.2	32.5	54,800	365	263
Arkansas	899	889	32.9	17.3	7.2	816	70.5	5.2	23.1	31,100	280	185
California	9,279	9,223	27.2	14.7	24.0	8,630	55.9	7.4	28.0	84,500	411	283
Colorado	1,194	1,170	39.1	18.0	21.4	1,061	64.5	2.8	33.0	64,100	422	252
Connecticut	1,159	1,145	18.1	32.0	17.5	1,094	63.9	2.6	18.1	65,800	434	261
Delaware	239	230	25.7	20.8	16.7	207	69.1	2.6	21.1	44,400	351	247
District of Columbia	277	277	7.0	39.1	52.7	253	35.5	8.1	20.1	68,800	399	226
Florida	4,379	4,279	43.9	6.7	23.7	3,744	68.3	5.3	26.8	45,100	337	256
Georgia	2,028	2,014	33.3	14.7	14.0	1,872	65.0	5.3	23.9	36,900	340	211
Hawaii	334	332	38.9	10.5	38.1	294	51.7	15.3	26.8	118,100	463	311
Idaho	375	360	38.4	21.9	8.8	324	72.0	4.5	28.8	45,600	332	219
Illinois	4,320	4,304	19.4	34.7	22.3	4,045	62.6	4.2	20.6	52,800	406	246
Indiana	2,092	2,065	22.0	32.1	10.8	1,927	71.7	3.1	21.0	37,200	304	219
Iowa	1,131	1,121	20.5	44.4	10.2	1,053	71.8	2.1	20.6	40,600	348	225
Kansas	955	951	22.7	33.6	9.7	872	70.2	2.4	24.0	37,800	330	219
Kentucky	1,369	1,355	28.7	24.7	10.1	1,263	70.0	4.7	21.2	34,200	298	198
Louisiana	1,548	1,537	30.8	15.9	11.1	1,412	65.5	7.1	23.2	43,000	313	214
Maine	501	428	23.2	47.5	10.0	395	70.9	3.1	20.1	37,900	317	216
Maryland	1,571	1,550	23.6	22.4	22.4	1,461	62.0	3.1	20.6	58,300	413	266
Massachusetts	2,208	2,141	15.4	47.3	20.5	2,033	57.5	2.6	18.2	46,400	424	255
Michigan	3,590	3,451	22.1	27.6	12.5	3,195	72.7	3.1	20.0	39,000	363	250
Minnesota	1,613	1,530	25.2	33.3	17.3	1,445	71.7	2.3	21.8	53,100	375	236
Mississippi	912	905	32.5	15.6	8.0	827	71.0	8.0	20.4	31,400	284	180
Missouri	1,989	1,963	23.9	29.4	11.4	1,793	69.6	3.4	21.3	36,700	317	211
Montana	328	315	30.7	30.3	9.9	284	68.6	3.8	27.8	46,500	347	200
Nebraska	625	619	23.8	38.9	12.3	571	68.4	2.1	22.9	38,000	359	213
Nevada	340	338	51.8	5.7	23.2	304	59.6	4.7	37.7	68,700	454	310
New Hampshire	386	349	27.5	39.0	14.3	323	67.6	2.4	22.0	48,000	408	251
New Jersey	2,772	2,690	16.1	33.4	20.9	2,549	62.0	3.5	16.7	60,200	456	270
New Mexico	508	493	36.5	11.8	12.2	441	68.1	8.6	29.5	45,300	324	216
New York	6,868	6,706	11.9	43.3	35.8	6,340	48.6	4.9	17.1	45,600	430	249
North Carolina	2,275	2,224	32.0	17.3	8.5	2,043	68.4	4.5	20.6	36,000	320	205
North Dakota	259	253	30.9	34.9	14.3	228	68.7	2.7	24.6	43,900	392	206
Ohio	4,108	4,078	20.0	32.8	14.1	3,834	68.4	2.5	20.2	44,900	347	224
Oklahoma	1,237	1,230	30.0	20.2	10.1	1,119	70.7	3.7	26.4	35,600	305	214
Oregon	1,083	1,072	34.2	20.6	15.1	992	65.1	2.9	29.8	56,900	371	257
Pennsylvania	4,596	4,513	16.4	44.8	12.2	4,220	69.9	2.4	15.8	39,100	336	225
Rhode Island	373	363	16.1	43.0	16.4	339	58.8	2.5	19.6	46,800	391	222
South Carolina	1,154	1,123	34.4	15.2	8.4	1,030	70.2	6.0	20.6	35,100	312	206
South Dakota	277	270	26.6	40.7	11.2	243	69.3	3.6	23.5	36,600	352	188
Tennessee	1,747	1,737	31.1	16.7	11.5	1,619	68.6	4.4	22.0	35,600	299	203
Texas	5,549	5,485	35.2	12.2	18.4	4,929	64.3	7.2	29.1	39,100	348	245
Utah	490	481	37.7	18.8	12.5	449	70.7	5.8	26.8	57,300	381	235
Vermont	223	196	24.4	46.9	9.4	178	68.7	2.5	21.6	42,200	336	226
Virginia	2,021	2,000	30.9	17.7	16.2	1,863	65.6	3.4	23.3	48,000	395	259
Washington	1,689	1,652	32.0	21.3	17.2	1,541	65.6	2.9	29.0	59,900	362	254
West Virginia	748	737	24.9	34.2	6.2	686	73.6	4.1	18.0	38,500	290	195
Wisconsin	1,864	1,756	23.1	36.6	12.3	1,652	68.2	2.4	20.7	48,600	381	234
Wyoming	188	182	40.4	22.6	10.0	166	69.2	4.2	34.2	59,800	397	252

[1] "Specified owner-occupied" housing units include one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. [2] "Specified owner with a mortgage". Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). [3] "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. [4] "Specified renter-occupied" housing units include renter-occupied units except one-family houses on 10 or more acres.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1 chapters A and B (HC80-1-A and HC80-1-B).

No. 1313. Occupied Housing Units—Selected Characteristics, by Race and Spanish Origin of Householder: 1980

[As of April 1]

Characteristic	All races	White	Black	American Indian, Eskimo, Aleut	Asian or Pacific Islander	Other races	Spanish origin [1]
Occupied units	**80,389,673**	**68,810,123**	**8,381,668**	**397,252**	**993,458**	**1,807,172**	**4,007,896**
Northeast	17,470,616	15,265,596	1,624,257	25,945	162,672	392,146	788,957
Midwest	20,859,206	18,782,200	1,718,821	67,008	107,002	184,175	342,602
South	26,486,217	21,594,519	4,258,708	113,237	123,273	396,480	1,223,960
West	15,573,634	13,167,808	779,882	191,062	600,511	834,371	1,652,377
Owner occupied	51,794,545	46,670,775	3,724,251	212,209	521,230	666,080	1,738,920
Percent of total occupied	64.4	67.8	44.4	53.4	52.5	36.9	43.4
Renter occupied	28,595,128	22,139,348	4,657,417	185,043	472,228	1,141,092	2,268,976
Median:							
Value [2] (dol.)	47,200	48,600	27,200	35,400	82,900	44,200	44,700
Monthly owner costs: [2 3]							
With a mortgage (dol.)	366	371	307	320	498	320	333
Without a mortgage (dol.)	128	130	115	93	114	92	94
Gross rent [4] (dol.)	243	251	208	226	264	226	231
Household income in 1979 (dol.)	16,745	17,578	10,810	12,200	19,900	12,246	13,347
Percent of units—							
Lacking complete plumbing facilities	2.2	1.7	5.5	10.8	2.7	3.8	3.8
With structure built—							
1970 to March 1980	25.5	26.5	17.9	32.6	31.3	18.7	20.9
Prior to 1940	25.8	25.7	27.6	20.4	18.0	25.8	24.0
One unit in structure	67.0	69.1	54.7	69.5	53.5	47.2	51.9
Five or more units in structure	17.2	15.4	26.7	16.2	33.5	33.7	30.1
With no telephone	7.1	5.5	16.1	27.5	4.8	20.8	16.9
Lacking air conditioning	44.2	41.9	57.3	60.5	56.0	61.8	55.1
Lacking public sewer	25.6	27.6	13.7	33.3	8.7	9.0	11.0
With no vehicle	12.9	10.2	32.6	17.9	15.6	25.4	21.8
Householder moved into unit 1979 to March 1980	22.7	22.2	22.3	33.4	34.1	35.2	31.5

[1] Persons of Spanish origin may be of any race. [2] Specified owner-occupied housing units; see footnote 1, table 1318. [3] See footnote 3, table 1318. [4] Specified renter-occupied housing units; see footnote 4, table 1318.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A1 and HC80-1-B1), and unpublished data.

No. 1314. Occupied Housing Units—Tenure, by Race and Plumbing Facilities: 1970 and 1983

[In thousands. See headnote, table 1310]

Tenure and race	Total occupied units	With all plumbing facilities				Lacking some or all plumbing			
		Total	Persons per room			Total	Persons per room		
			1.00 or less	1.01 to 1.50	1.51 or more		1.00 or less	1.01 to 1.50	1.51 or more
1970									
Occupied units, total	**63,450**	**59,677**	**55,213**	**3,436**	**1,028**	**3,773**	**3,026**	**367**	**380**
Owner occupied	39,885	38,076	35,726	1,932	418	1,809	1,497	170	142
White and other	37,317	35,894	33,864	1,699	331	1,423	1,209	117	97
Black	2,568	2,182	1,862	232	88	386	288	53	45
Renter occupied	23,565	21,601	19,487	1,504	610	1,964	1,529	197	238
White and other	19,952	18,644	17,123	1,110	411	1,308	1,094	107	107
Black	3,613	2,957	2,364	394	199	656	435	90	131
1983									
Occupied units, total	**84,638**	**83,016**	**80,257**	**2,145**	**614**	**1,621**	**1,455**	**81**	**85**
Owner occupied	54,724	53,978	52,788	1,006	184	746	683	36	27
White and other	50,601	50,037	49,069	828	141	564	516	24	23
Black	4,123	3,941	3,719	178	43	182	167	12	4
Renter occupied	29,914	29,038	27,469	1,139	430	875	772	45	58
White and other	24,874	24,266	23,113	822	332	607	541	22	44
Black	5,040	4,772	4,356	317	98	268	231	23	14

Source: U.S. Bureau of the Census, *Census of Housing: 1970* vol. 1; and *Current Housing Reports*, series H-150-83, Annual Housing Survey, part A.

No. 1315. Occupied Housing Units—Tenure, by Race of Householder: 1920 to 1983

[**In thousands, except as indicated.** As of **April 1**, except **1983**, as of **fall.** Prior to 1960, excludes Alaska and Hawaii. Statistics on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1920 and 1930; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960 to 1983. For 1920, includes the small number of quasifamilies; for 1930, represents private families only. See also *Historical Statistics, Colonial Times to 1970*, series N 238–245]

RACE OF HOUSEHOLDER AND TENURE	1920	1930	1940	1950	1960	1970	1980	1983
ALL RACES								
Occupied units, total	24,352	29,905	34,855	42,826	53,024	63,445	80,390	84,638
Owner occupied	11,114	14,280	15,196	23,560	32,797	39,886	51,795	54,724
Percent of occupied	45.6	47.8	43.6	55.0	61.9	62.9	64.4	64.7
Renter occupied	13,238	15,624	19,659	19,266	20,227	23,560	28,595	29,914
WHITE								
Occupied units, total	21,826	26,983	31,561	39,044	47,880	56,606	68,810	72,562
Owner occupied	10,511	13,544	14,418	22,241	30,823	37,005	46,671	49,144
Percent of occupied	48.2	50.2	45.7	57.0	64.4	65.4	67.8	67.7
Renter occupied	11,315	13,439	17,143	16,803	17,057	19,601	22,139	23,418
BLACK AND OTHER								
Occupied units, total	2,526	2,922	3,293	3,783	5,144	6,839	11,580	12,076
Owner occupied	603	737	778	1,319	1,974	2,881	5,124	5,580
Percent of occupied	23.9	25.2	23.6	34.9	38.4	42.1	44.2	46.2
Renter occupied	1,923	2,185	2,516	2,464	3,170	3,959	6,456	6,496

Source: U.S. Bureau of the Census, *Census of Housing: 1960*, vol. 1; *1970*, vol. 1; *1980 Census of Housing*, vol. 1, chapter A (HC80-1-A); and *Current Housing Reports*, series H-150-83, Annual Housing Survey: 1983, part A.

No. 1316. Occupied Housing Units—Percent Home Ownership, by Region and Race of Householder: 1960 to 1983

[See headnote, table 1310. For composition of regions, see fig. I inside front cover]

REGION	1960		1970		1980		1983	
	White	Black [1]	White	Black	White	Black	White	Black
U.S. total	**64.4**	**38.4**	**65.4**	**41.6**	**67.8**	**44.4**	**67.7**	**45.0**
Northeast	58.1	27.0	60.4	28.6	63.3	31.1	63.9	32.7
Midwest	69.1	35.8	70.2	42.0	71.6	44.1	71.8	43.4
South	66.4	41.6	68.2	46.9	70.7	50.5	71.4	51.1
West	62.5	44.6	60.2	40.1	62.9	40.0	61.0	39.6

[1] For 1960, represents Black and other races.

Source: U.S. Bureau of the Census, *Census of Housing: 1960*, vol. 1; *1970*, vol. 1; and *1980 Census of Housing*, vol. 1, chapter A (HC80-1-A); and *Current Housing Reports*, series H-150-83, Annual Housing Survey: 1983, part A.

No. 1317. Occupied Housing Units—Selected Characteristics, by Tenure: 1960 to 1983

[**Percent distribution.** As of **April**, except **1983** as of **fall**]

CHARACTERISTIC	1960			1970			1980			1983		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Rooms in unit:												
1–2 rooms	6	23	14	4	17	10	5	1	12	4	1	10
3–4 rooms	32		51	28		51	29	15	53	30	15	54
5 rooms	26	29	19	26	28	21	23	25	19	24	26	20
6 rooms	20	26	10	22	27	11	20	26	10	21	26	10
7 rooms or more	16	22	6	20	28	7	23	33	6	23	32	6
Units in structure:												
1 unit	76	94	48	74	94	38	70	93	31	73	94	35
2–4 units	13	6	25	14	6	29	12	4	24	12	4	26
5–9 units	11		9	4		11	18	3	45	15	2	39
10 units or more			18	8		22						
With all plumbing facilities	84	89	77	95	97	91	98	99	96	98	99	97
Year structure built:												
1975 or later	(X)	(X)	(X)	(X)	(X)	(X)	12	14	10	26	27	24
1970–1974	(X)	(X)	(X)	(X)	(X)	(X)	13	13	14			
1960–1969	(X)	(X)	(X)	24	26	19	20	20	20	20	21	19
1950–1959	27	34	16	19	24	12	18	19	15	16	19	11
1940–1949	15	16	13	14	14	13	11	10	13	9	9	9
1939 or earlier	58	50	71	43	36	56	26	24	28	29	25	37

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Housing, 1960; 1970;* and *1980;* and *Current Housing Reports*, series H-150-83, Annual Housing Survey: 1983, part A.

No. 1318. Occupied Housing Units—Financial Summary: 1970 to 1983

[In thousands, except as indicated. See headnote, table 1310. For definition of median, see Guide to Tabular Presentation]

Characteristic	1970	1980	1983				
			Total	Region			
				Northeast	Midwest	South	West
Occupied units, total	63,450	80,390	84,638	18,221	21,618	27,931	16,868
Median income:							
Owner occupied (dol.)	9,700	19,800	24,400	26,300	24,300	21,700	28,000
Renter occupied (dol.)	6,300	10,500	12,400	12,400	11,800	12,400	13,500
Specified owner occupied [1]	31,891	39,470	43,535	8,674	11,906	14,911	8,043
With value of—							
Less than $20,000	19,739	4,777	2,409	362	731	1,218	96
$20,000–$24,999	4,674	2,494	1,486	261	503	637	85
$25,000–$34,999	4,436	5,511	4,207	693	1,468	1,840	206
$35,000–$49,999	2,045	8,496	8,703	1,740	2,846	3,377	740
$50,000–$99,999	996	14,382	19,464	4,272	5,385	6,068	3,739
$100,000 and over		3,810	7,269	1,344	975	1,772	3,176
Median—							
Value (dol.)	17,000	47,200	59,700	61,900	52,500	52,100	89,100
Real estate taxes [2] (dol.)	(NA)	460	564	1,100	635	270	572
Units monthly costs [3]—							
With mortgages (dol.)	(NA)	366	463	503	453	428	500
Owned clear (dol.)	(NA)	128	166	223	178	137	134
Specified renter occupied [4]	22,334	27,252	29,214	7,149	6,469	8,791	6,804
With gross rent of—							
Less than $80	5,466	1,080	646	114	150	302	80
$80–$99	3,701	651	551	116	109	201	125
$100–$119	3,332	818	1,707	448	395	580	285
$120–$149	3,772	1,678					
$150–$199	3,304	4,219	2,364	545	637	805	376
$200–$299	1,194	10,023	7,377	1,854	2,088	2,097	1,338
$300 and over	265	7,516	15,168	3,843	2,804	4,144	4,374
No cash rent	1,300	1,267	1,401	226	286	662	228
Median rent (dol.)	108	243	315	316	286	304	362

NA Not available. [1] Includes only 1-family homes on less than 10 acres and no business on the property. [2] Taxes paid previous year. [3] Covers real estate taxes, property insurance, utilities, fuel, water, garbage and trash collection, and mortgage. [4] Excludes 1-family homes on 10 acres or more.

Source: U.S. Bureau of the Census, *Census of Housing, 1970,* and *1980,* vol. 1, and *Current Housing Reports,* H-150-83, *American Housing Survey: 1983, part A.*

No. 1319. Heating Equipment and Fuels for Occupied Units: 1950 to 1983

Item	Number (1,000)					Percent distribution				
	1950	1960	1970	1980	1983	1950	1960	1970	1980	1983
Occupied units, total	42,826	53,024	63,445	80,390	84,638	100.0	100.0	100.0	100.0	100.0
Heating equipment:										
Warm air furnace	[1] 11,508	17,378	27,515	39,279	44,320	[1] 26.9	32.8	43.4	48.9	52.4
Heat pumps				2,835	2,171				3.5	2.6
Steam or hot water	10,071	11,990	13,211	13,659	13,772	23.5	22.6	20.8	17.2	16.3
Floor, wall, or pipeless furnace	([1])	6,088	5,552	4,693	5,977	([1])	11.5	8.8	5.8	7.1
Built-in electric units	–	664	3,236	6,370	6,207	–	1.3	5.1	7.9	7.3
Room heaters with flue	[2] 15,399	[2] 11,183	7,209	6,098	3,438	[2] 36.0	[2] 21.1	11.4	7.6	4.1
Room heaters without flue	5,268	5,218	3,558	2,736	2,926	12.3	9.8	5.6	3.4	3.5
Fireplaces, stoves, or heaters [3]	([2])	([2])	2,766	3,977	5,152	([2])	([2])	4.4	4.9	6.1
None	581	503	398	541	677	1.4	.9	.6	.7	.8
House heating fuel:										
Utility gas	11,387	22,851	35,014	42,658	46,700	26.6	43.1	55.2	53.1	55.2
Fuel oil, kerosene, etc	9,686	17,158	16,473	14,655	13,031	22.6	32.4	26.0	18.2	15.4
Electricity	283	933	4,876	14,768	15,684	.7	1.8	7.7	18.3	18.5
Bottled, tank, or LP gas	787	2,686	3,807	4,535	3,869	1.8	5.1	6.0	5.6	4.6
Wood and other fuel	4,855	2,460	1,060	2,729	4,245	11.3	4.6	1.7	3.4	5.0
Coal or coke	14,828	6,456	1,821	504	432	34.6	12.2	2.9	.6	.5
None	999	478	395	541	677	2.3	.9	.6	.7	.8
Cooking fuel:										
Electricity	6,403	16,351	25,768	41,906	(NA)	15.0	30.8	40.6	52.1	(NA)
Utility gas	22,084	27,296	31,244	32,375	(NA)	51.6	51.5	49.2	40.3	(NA)
Bottled, tank, or LP gas	3,417	6,491	5,314	5,569	(NA)	8.0	12.2	8.4	6.9	(NA)
Other fuel	10,796	2,603	908	398	(NA)	25.2	4.9	1.4	.5	(NA)
None	124	280	213	142	(NA)	.3	.5	.3	.2	(NA)

– Represents zero. NA Not available. [1] "Floor, wall, or pipeless furnace" included in "Warm air furnace." [2] "*Fireplaces, stoves, or portable heaters*" included in "*Room heaters with flue.*" [3] Portable heaters.

Source: U.S. Bureau of the Census, *Census of Housing, 1960,* vol. 1, and *1980,* vol. 1; *Current Housing Reports,* series H-150-83, Annual Housing Survey: 1983, part A.

NO. 1320. APPLIANCES USED BY HOUSEHOLDS, BY REGION AND FAMILY INCOME: 1982

[**In millions, except percent.** As of **November.** Represents appliances possessed and generally used by the household. See headnote, table 1321]

TYPE OF APPLIANCE	HOUSEHOLDS USING APPLIANCE		REGION				FAMILY INCOME IN 1981			
	Number	Percent of total	Northeast	Midwest	South	West	Under $15,000	$15,000–$24,999	$25,000–$34,999	$35,000 and over
Total households	**83.8**	**100.0**	**18.0**	**21.3**	**28.1**	**16.5**	**36.1**	**19.8**	**15.2**	**12.6**
Air conditioners: Room [1]	25.9	30.9	7.3	6.5	9.9	2.2	11.8	6.5	4.6	3.0
Central system	22.7	27.1	2.0	5.8	11.4	3.5	6.0	5.1	5.7	6.0
Clothes washer	59.8	71.4	12.3	15.3	20.8	11.5	21.2	14.3	12.9	11.4
Clothes dryer	50.1	59.8	9.6	14.0	16.6	9.9	15.0	12.1	12.0	11.0
Dehumidifier	7.5	9.0	2.4	3.9	1.1	.1	1.7	1.7	2.4	1.8
Dishwasher	30.3	36.1	5.8	6.8	10.3	7.3	5.4	7.2	8.4	9.3
Evaporative cooler [2]	3.6	4.2	–	.1	.6	2.8	1.5	.9	.7	.4
Freezer	31.0	37.0	5.0	9.1	12.0	4.9	10.6	7.4	7.1	5.9
Humidifier	11.3	13.5	2.5	6.3	1.7	.8	3.1	2.7	2.5	3.0
Microwave oven [3]	17.3	20.7	2.0	5.2	5.7	4.4	3.4	4.1	4.8	5.0
Motor vehicles [4]: One	30.6	36.5	6.4	7.7	10.5	6.0	17.3	7.6	3.5	2.1
Two or more	41.6	49.6	7.3	10.8	14.4	9.0	9.2	10.7	11.5	10.3
Outdoor gas grill	9.4	11.2	3.0	2.1	3.1	1.2	1.2	2.2	2.7	3.3
Outdoor gas light	1.4	1.7	.1	.5	.7	.1	.3	.4	.3	.5
Oven: Electric	43.5	51.9	7.6	11.1	16.1	8.7	15.6	10.7	9.0	8.2
Gas	35.0	41.7	9.1	8.6	10.1	7.2	17.6	8.1	5.4	3.8
Portable electric heater	7.7	9.2	1.4	1.3	3.4	1.6	3.7	1.6	1.2	1.2
Portable kerosene heater	2.8	3.3	1.0	.5	1.2	.1	.9	.5	.8	.5
Range: Electric	44.7	53.3	7.6	11.9	16.5	8.7	16.0	10.8	9.4	8.4
Gas	39.0	46.6	10.3	9.6	11.4	7.7	19.9	9.0	5.9	4.2
Refrigerator: Frost-free	53.2	63.5	10.4	12.9	18.9	11.1	18.2	12.9	11.7	10.5
Non frost-free [5]	36.2	43.2	9.0	10.3	10.5	6.4	19.2	8.2	5.2	3.6
Television set: Color	71.0	84.8	15.5	18.3	22.8	14.4	27.0	17.7	14.3	12.0
Black and white	38.9	46.5	8.9	10.6	13.7	5.8	17.1	8.4	7.1	6.3
Water heater [6]: Gas	42.8	51.1	7.1	12.5	12.6	10.6	16.8	10.0	8.4	7.5
Electric	25.5	30.4	3.4	5.3	12.7	4.0	10.3	6.5	5.0	3.6
Other fuel	3.5	4.2	2.7	.1	.6	.2	1.2	.7	.8	.7
Whole house cooling fan	6.5	7.8	1.3	1.8	2.8	.6	1.8	1.4	1.5	1.8
Window or ceiling fan	23.5	28.0	5.0	6.5	10.0	1.9	9.5	5.7	4.6	3.6

– Represents or rounds to zero. [1] Includes small amount of households that have both central air conditioners and room units. [2] An air-cooling unit used in dry climates that turns air into moist, cool air by saturating the air with water vapor. [3] Microwave is first or second most used oven. [4] All motorized vehicles used by U.S. households for personal transportation excluding motorcycles, mopeds, large trucks, and buses. [5] Includes refrigerators without freezer compartments. [6] Excludes water heaters that serve more than one household.

NO. 1321. HOUSING UNITS—CHARACTERISTICS, BY PRIMARY HEATING FUEL AND EQUIPMENT: 1982

[**In millions.** As of **November.** Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. I, inside front cover. Based on Residential Energy Consumption Survey; see Appendix III]

CHARACTERISTIC	Total occupied housing units [1]	PRIMARY HEATING FUEL					PRIMARY HEATING EQUIPMENT					
		Natural gas	Fuel oil, kerosene	Electricity	LPG [2]	Wood	Warm air furnace with ducts	Steam or hot water system	Room heaters [3]	Floor, wall, or pipeless furnace	Built in electric units	Wood or coal stove
Total	**83.8**	**47.5**	**12.0**	**13.4**	**3.8**	**5.6**	**39.5**	**14.2**	**6.4**	**7.5**	**5.0**	**5.3**
Region:												
Northeast	18.0	7.5	7.6	1.3	.2	1.0	5.9	9.2	.4	.2	.9	1.1
Midwest	21.3	15.5	1.6	2.1	1.0	1.1	14.0	3.3	.8	.9	1.0	.8
South	28.1	13.3	2.5	6.8	2.3	2.6	12.5	1.1	4.4	2.3	1.6	2.6
West	16.5	11.1	.4	3.1	.4	.9	7.1	.6	.9	4.1	1.5	.8
Type:												
Single-family detached	53.8	30.5	7.2	6.9	2.7	5.2	28.1	5.1	4.9	4.7	2.4	4.9
Single-family attached	3.9	2.7	.4	.6	.1	.1	1.8	1.1	.1	.4	.3	.1
2–4 unit building	10.1	7.0	1.8	1.1	.1	.1	3.8	3.1	1.0	1.1	.4	.1
5 or more unit building	12.2	6.2	2.1	3.9	–	(NA)	3.2	4.9	.3	1.1	1.9	(NA)
Mobile home	3.7	1.1	.6	.9	.9	.3	2.6	–	.2	.1	–	.3
Year house built:												
1939 or earlier	23.6	14.0	5.4	.7	1.2	1.8	8.6	6.7	3.4	2.3	.4	1.7
1940 to 1949	7.0	4.4	1.4	.3	.2	.5	3.1	1.3	1.0	.7	.1	.4
1950 to 1959	13.4	9.1	2.0	.9	.5	.7	6.5	2.2	1.0	2.1	.3	.5
1960 to 1969	16.7	10.4	1.7	2.7	.6	1.0	8.8	2.3	.7	1.3	1.2	1.0
1970 to 1974	10.2	5.0	.7	3.0	.6	.8	5.7	.8	.1	.6	1.4	.9
1975 or later	12.9	4.7	.8	5.7	.7	.9	6.6	1.0	.3	.5	1.5	.8

– Represents zero or rounds to zero. NA Not available. [1] Includes types of fuel and equipment not shown separately. [2] Liquid petroleum gas. [3] With or without flue.

Source of tables 1320 and 1321: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristic, 1982*, August 1984.

NO. 1322. HOUSING UNITS—CHARACTERISTICS, BY SQUARE FOOTAGE OF FLOOR SPACE: 1980 TO 1982

[See headnote, table 1321]

CHARACTERISTIC	AVERAGE NUMBER OF SQUARE FEET PER HOUSEHOLD				HOUSEHOLDS BY MEASURED HEATED SQUARE FOOTAGE OF RESIDENCE (mil.)				
	Total		Heated		Total	Less than 1,000	1,000 to 1,599	1,600 to 2,399	2,400 and over
	Mean	Median	Mean	Median					
1980, total	1,745	1,488	1,499	1,260	81.6	28.6	24.0	17.8	11.3
1981, total	1,734	1,452	1,482	1,247	83.1	29.0	25.2	18.0	11.0
1982, total	**1,698**	**1,463**	**1,449**	**1,222**	**83.8**	**30.3**	**25.1**	**17.7**	**10.6**
Northeast	1,914	1,790	1,583	1,373	18.0	6.0	4.5	4.5	2.9
Midwest	1,874	1,782	1,592	1,344	21.3	6.8	5.5	5.2	3.9
South	1,557	1,305	1,345	1,170	28.1	10.6	9.9	5.2	2.4
West	1,474	1,280	1,296	1,103	16.5	5.9	5.2	2.9	1.4
Single family detached	2,061	1,872	1,717	1,525	53.8	10.2	18.3	15.5	9.7
Single family attached	1,787	1,745	1,535	1,513	3.9	.9	1.3	1.3	.3
2-4 unit building	1,137	929	1,025	843	10.1	6.2	2.8	.7	.5
5 or more unit building	795	736	784	733	12.2	10.2	1.7	.1	.2
Mobile home	860	780	846	773	3.7	2.8	.9	–	(NA)
Year house built:									
1939 or earlier	1,742	1,498	1,426	1,210	23.6	8.9	7.1	4.7	3.0
1940–1949	1,665	1,488	1,379	1,166	7.0	2.8	2.1	1.4	.7
1950–1959	1,663	1,519	1,460	1,302	13.4	4.0	4.8	3.2	1.4
1960–1969	1,709	1,440	1,474	1,209	16.7	6.0	4.9	3.6	2.2
1970–1974	1,639	1,344	1,444	1,196	10.2	4.2	2.7	2.0	1.4
1975–1979	1,750	1,543	1,526	1,300	10.0	3.3	2.7	2.4	1.6
1980 or later	1,534	1,250	1,374	1,120	2.9	1.2	.8	.5	.3

– *Represents zero or rounds to zero.* NA *Not available.*

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristics, 1982,* August 1984 and earlier issues.

NO. 1323. LOW-INCOME PUBLIC HOUSING UNITS, BY PROGRESS STAGE: 1960 TO 1983

[**In thousands.** As of **Dec. 31.** Housing for the elderly intended for persons 62 years old or over, disabled, or handicapped. Includes Puerto Rico and Virgin Islands. Covers units subsidized by HUD under annual contributions contracts. See also *Historical Statistics, Colonial Times to 1970,* series N 186–191]

YEAR AND PROGRAM	Total	Occupied units [1]	Under construction	Other [2]	YEAR AND PROGRAM	Total	Occupied units [1]	Under construction	Other [2]
1960	**593.3**	**478.2**	**36.4**	**78.8**	**1982**	**1,432.2**	**1,231.4**	**66.7**	**134.1**
Elderly	18.9	1.1	4.1	13.7	Elderly	392.0	328.4	27.7	35.9
1970	**1,155.3**	**893.5**	**126.8**	**135.0**	**1983**	**1,483.3**	**1,262.5**	**86.7**	**134.1**
Elderly	249.4	143.4	65.7	40.3	Elderly	410.0	338.4	35.7	35.9
1975	**1,316.7**	**1,180.4**	**52.9**	**83.4**	*New construction*	1,258.1	1,130.9	78.5	48.7
Elderly	336.3	288.3	24.3	23.7	Conventional [3]	954.3	869.8	46.7	37.8
1980	**1,321.1**	**1,195.6**	**20.9**	**104.6**	Turnkey [4]	303.7	261.0	31.8	10.9
Elderly	358.3	317.7	11.5	29.1	Acquistion [5]	44.4	29.5	2.9	12.0
1981	**1,404.0**	**1,229.3**	**51.5**	**123.2**	Leased housing [6]	180.8	102.1	5.3	73.4
Elderly	385.4	327.7	21.8	35.9	New	54.1	37.5	3.2	13.4

[1] Under management or available for occupancy. [2] To be constructed or to go directly "under management" because no rehabilitation needed. [3] New housing constructed on the Local Housing Authority (LHA) site pursuant to a contract let by the LHA. [4] *New housing purchased by the LHA* from a private developer upon completion of construction pursuant to an earlier agreement. [5] Existing housing acquired by the LHA. [6] Existing housing leased by LHA from an owner under a contract permitting LHA to sub-lease the units.

Source: U.S. Dept. of Housing and Urban Development, unpublished data.

NO. 1324. NEW APARTMENTS COMPLETED AND RENTED IN 3 MONTHS, BY REGION: 1977 TO 1983

[Structures with 5 or more units, privately financed, nonsubsidized, unfurnished apartments. Based on sample and subject to sampling variability]

YEAR AND RENT	NUMBER (1,000)					PERCENT RENTED IN 3 MONTHS				
	Total	Northeast	Midwest	South	West	Total	Northeast	Midwest	South	West
1977	195.6	11.2	59.8	60.8	63.8	80	74	81	81	80
1978	228.7	13.4	66.8	89.5	59.0	82	88	84	81	81
1979	241.1	20.5	54.0	111.2	55.4	82	87	82	82	61
1980	196.1	14.2	43.8	91.5	46.6	75	77	77	74	75
1981	135.3	4.9	36.9	68.4	25.1	80	85	86	78	75
1982	117.0	4.6	21.9	66.8	23.7	72	74	79	70	72
1983, prel	191.1	3.4	40.7	115.0	32.0	69	72	86	63	70
Less than $300	24.2	.4	6.3	14.9	2.6	77	20	86	72	88
$300–$349	37.5	(z)	9.2	23.7	4.6	75	(z)	90	68	79
$350–$399	45.6	.1	83	31.4	5.9	70	5	83	66	72
$400–$449	31.3	.2	7.8	17.8	5.5	67	100	81	58	72
$450–$499	22.7	.6	2.3	13.7	6.1	58	84	83	54	55
$500 or more	29.8	2.1	6.9	13.5	7.3	67	78	87	55	65

Z Less than 50 or less than .05 percent.

Source: U.S. Bureau of the Census, *Current Housing Reports,* series H-131-83-A, and unpublished data.

No. 1325. Vacancy Rates for Housing Units—Characteristics: 1975 to 1983

[**In percent.** Annual averages. Based on Current Population Survey and Quarterly Household Survey. Rate is relationship between vacant housing for rent or for sale and the total rental and homeowner supply, which comprises occupied units, units rented or sold and awaiting occupancy, and vacant units available for rent or sale. Data for 1975 are not entirely comparable with later years; see source. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series N 249-258]

RENTAL UNITS	1975	1980	1981	1982	1983
Total rental units	**6.0**	**5.4**	**5.0**	**5.3**	**5.7**
Inside SMSA's	6.1	5.2	4.8	5.0	5.5
Outside SMSA's	5.7	6.1	5.7	6.2	6.3
Northeast	4.1	4.2	3.7	3.7	4.0
Midwest	5.7	6.0	5.9	6.3	6.1
South	7.7	6.0	5.4	5.8	6.9
West	6.2	5.2	5.1	5.4	5.2
Units in structure: 1 unit	3.6	3.4	3.3	3.6	3.7
2 or more	7.3	6.4	6.0	6.2	6.7
5 or more	8.3	7.1	6.4	6.5	7.1
Units with: 3 rooms or less	8.4	6.9	6.9	7.2	7.2
4 rooms	5.8	5.2	4.8	5.0	5.7
5 rooms	4.6	4.3	3.8	4.0	4.4
6 rooms or more	3.3	3.8	3.2	3.5	3.7
Monthly rent: Less than $60	5.5	2.5	3.0	3.4	2.5
$60–$79	5.7				
$80–$99	4.6	3.4			
$100 or more	6.7	6.0	5.2	5.4	5.7
Year built: 1960 or later	8.3	5.8	5.1	5.3	5.9
1965 or later	9.0	6.2	5.3	5.6	6.2
1940–1959	4.8	4.7	4.9	5.2	5.4
1939 or earlier	5.4	5.5	5.2	5.5	5.6
Plumbing: With all facilities	5.9	5.2	4.8	5.1	5.5
Lacking facilities	11.2	10.6	12.3	12.2	11.8

HOMEOWNER UNITS	1975	1980	1981	1982	1983
Total homeowner units	**1.2**	**1.4**	**1.4**	**1.5**	**1.5**
Inside SMSA's	1.3	1.3	1.4	1.5	1.6
Outside SMSA's	1.1	1.4	1.3	1.5	1.5
Northeast	1.0	1.1	1.1	1.0	1.0
Midwest	1.0	1.6	1.4	1.6	1.5
South	1.5	1.3	1.3	1.6	1.8
West	1.5	1.6	1.7	1.9	1.8
Units in structure: 1 unit	1.0	1.2	1.1	1.2	1.3
2 or more	5.4	4.3	5.4	6.1	5.2
5 or more	14.4	8.7	10.8	12.2	8.8
Units with: 3 rooms or less	3.5	3.5	3.5	3.9	3.3
4 rooms	2.1	1.7	2.0	2.4	2.4
5 rooms	1.1	1.2	1.4	1.4	1.4
6 rooms or more	1.0	1.3	1.1	1.2	1.3
Value: Less than $10,000	1.4	1.5	1.8	2.3	2.3
$10,000–$19,999	1.0	.9			
$20,000–$24,999	.9	.9	1.1	1.2	1.2
$25,000 or more	1.4	1.3			
Year built: 1960 or later	2.2	1.8	1.6	1.8	1.8
1965 or later	2.7	2.1	1.8	2.1	1.9
1940–1959	.5	.8	.8	.9	1.1
1939 or earlier	1.1	1.5	1.6	1.6	1.7
Plumbing: With all facilities	1.3	1.3	1.4	1.5	1.5
Lacking facilities	2.0	4.2	3.3	3.9	3.6

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111.

No. 1326. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs: 1970 to 1983

[In millions of dollars, except averages]

YEAR AND TYPE OF EXPENDITURE	All properties	1-unit properties with owner occupant	Other properties	ADDITIONS AND ALTERATIONS			Major construction replacements	Maintenance and repairs
				Total	Residential	Other property		
1970: Total expenditures	**14,770**	**9,469**	**5,301**	**6,246**	**4,950**	**1,296**	**2,629**	**5,895**
Average per property	$297	$265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975: Total expenditures	**25,239**	**15,684**	**9,556**	**10,997**	**8,815**	**2,182**	**4,484**	**9,758**
Average per property	$459	$382	$685	$200	$160	$40	$82	$178
1979: Total expenditures	**42,231**	**28,280**	**13,951**	**18,285**	**12,922**	**5,363**	**8,996**	**14,950**
Average per property	$712	$638	$954	$310	$219	$91	$153	$253
1980: Total expenditures	**46,338**	**31,481**	**14,857**	**21,336**	**15,376**	**5,960**	**9,816**	**15,187**
Average per property	$761	$698	$994	$355	$256	$99	$163	$253
1981: Total expenditures	**46,351**	**30,201**	**16,150**	**20,414**	**15,111**	**5,303**	**9,915**	**16,022**
Average per property	$758	$661	$1,047	$334	$247	$87	$162	$262
1982: Total expenditures [1]	**45,291**	**29,779**	**15,512**	**18,774**	**13,352**	**5,423**	**9,707**	**16,810**
Average per property	$701	$630	$896	$291	$207	$84	$150	$260
Heating and air-conditioning [2]	3,230	2,041	1,189	687	687	(NA)	1,707	836
Plumbing	4,258	2,199	2,059	710	710	(NA)	1,748	1,799
Roofing	5,105	3,257	1,848	(NA)	(NA)	(NA)	3,780	1,324
Painting	5,734	3,194	2,540	(NA)	(NA)	(NA)	(NA)	5,734
1983: Total expenditures [1]	**49,295**	**32,524**	**16,771**	**20,271**	**16,412**	**3,859**	**10,895**	**18,128**
Average per property	$761	$681	984	$313	$253	$59	$168	$280
Heating and air-conditioning [2]	3,714	2,643	1,071	701	701	(NA)	2,022	991
Plumbing	3,982	2,054	1,928	557	557	(NA)	1,741	1,684
Roofing	5,093	3,161	1,932	(NA)	(NA)	(NA)	3,579	1,514
Painting	6,317	3,529	2,788	(NA)	(NA)	(NA)	(NA)	6,317

NA Not available. [1] Includes types of expenditures not separately specified. [2] Central air-conditioning.

Source: U.S. Bureau of the Census, *Construction Reports*, series C50.

No. 1327. Recent Home Buyers—General Characteristics and Downpayments: 1976 to 1983

[As of October. Based on a sample survey; subject to sampling variability]

ITEM	Unit	1976	1977	1978	1979	1980	1981	1982	1983
Median price of house purchased	Dollars	43,340	49,320	54,750	58,100	68,714	78,220	82,500	90,100
First-time buyers	Dollars	37,670	43,160	46,700	50,800	61,450	63,180	56,900	73,100
Repeat buyers [1]	Dollars	50,090	58,730	59,180	64,600	75,750	82,220	98,300	101,800
Average monthly mortgage payment	Dollars	329	361	384	449	599	694	732	794
Percent of income	Percent	24.0	25.0	26.0	28.2	32.4	35.5	33.0	32.5
Percent buying—									
New houses	Percent	15.1	12.8	14.4	17.8	22.4	25.2	23.2	26.4
Existing houses	Percent	84.9	87.2	85.6	82.2	77.6	74.8	76.8	73.6
Single-family houses	Percent	88.8	90.2	86.6	87.5	82.4	78.3	76.6	87.8
Multiple-family houses	Percent	4.8	6.2	7.6	5.3	5.5	6.9	6.5	4.6
Condominiums	Percent	6.4	3.6	5.6	6.8	12.1	13.4	16.9	7.6
For the first time	Percent	44.8	48.1	36.7	36.6	32.9	39.4	40.6	40.5
Average age of first-time buyers	Years	28.1	28.2	28.3	28.4	28.3	28.4	28.6	28.9
Average age of repeat buyers [1]	Years	35.9	37.9	35.5	34.7	36.4	36.4	37.1	37.3
Source of downpayment for—									
First-time buyer:									
Entirely from savings and investments	Percent	70.9	75.6	73.5	43.8	51.1	63.8	67.6	73.2
Help from relatives	Percent	20.4	14.3	8.7	32.6	32.6	17.0	11.3	19.5
Repeat buyers: [1]									
Entirely from savings and investments	Percent	21.2	25.8	19.2	14.8	27.7	22.6	27.5	29.1
Entirely from previous home sale	Percent	45.5	43.9	56.6	55.8	39.7	46.2	52.9	39.4
Downpayment to sales price	Percent	25.2	28.1	21.4	24.9	28.0	24.1	22.4	22.9
First-time buyers	Percent	18.0	19.2	12.4	17.6	20.5	19.4	15.1	15.7
Repeat buyers [1]	Percent	30.8	35.0	27.6	29.0	32.7	27.1	27.3	27.8

[1] Buyers who previously owned a home.

Source: Chicago Title Insurance Company, Chicago, IL, *The Guarantor*, bimonthly. (Copyright.)

No. 1328. Volume of Long-Term Mortgage Loans Originated, by Type of Property, 1970 to 1983, and by Lender, 1983

[In billions of dollars. Covers credit extended in primary mortgage markets for financing real estate acquisitions]

TYPE OF PROPERTY	1970	1975	1978	1979	1980	1981	1982	1983, BY LENDER					
								Total [1]	Savings and loan	Commercial banks	Mortgage companies	Fed. credit agencies	Mutual savings
Loans, total	**59.8**	**120.7**	**257.3**	**258.2**	**197.2**	**158.1**	**153.9**	**293.8**	**103.9**	**79.8**	**63.4**	**12.4**	**14.6**
1–4 unit family home	35.6	77.9	185.0	186.6	133.7	98.3	97.0	201.8	81.5	44.8	59.7	3.2	10.8
New units	12.6	24.6	58.0	60.5	49.1	37.3	30.6	47.3	17.2	8.2	16.9	2.2	2.1
Existing units	23.0	53.3	127.0	126.1	84.6	61.0	66.4	154.5	64.3	36.6	42.8	1.0	8.7
Multifamily residential	8.8	10.7	16.5	15.8	12.5	12.0	11.4	19.7	8.5	3.5	.6	2.8	2.0
New units	7.0	5.8	6.9	8.4	8.6	8.0	6.1	7.1	1.8	.9	.2	2.7	.4
Existing units	1.8	4.9	9.6	7.4	3.9	4.0	5.3	12.6	6.7	2.6	.4	.1	1.6
Non-residential	12.5	24.2	42.7	41.0	35.9	32.5	34.3	62.4	13.8	28.6	3.1	.7	1.8
Farm properties	3.0	7.9	13.1	14.8	15.0	15.4	11.2	9.9	.1	2.9	–	5.7	–

– Represents zero. [1] Includes life insurance companies and other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *Survey of Mortgage Lending Activity, 1970–1979,* and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

No. 1329. Characteristics of Conventional First Mortgage Loans for Purchase of Single-Family Homes: 1975 to 1983

[Annual averages, except as indicated. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, mortgage companies, commercial banks, or mutual savings banks]

LOAN CHARACTERISTIC	Unit	NEW HOMES					EXISTING HOMES				
		1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Contract interest rate	Percent	8.8	12.3	14.1	14.5	12.1	9.0	12.5	14.5	14.8	12.3
Initial fees, charges [1]	Percent	1.53	2.09	2.66	2.96	2.39	1.16	1.91	2.27	2.55	2.40
Term to maturity	Years	27.0	28.1	27.7	27.5	26.7	24.2	26.9	25.9	24.9	25.9
Loan to price ratio	Percent	76.2	73.2	74.8	76.6	77.3	73.5	73.5	72.9	71.9	74.3
Purchase price	$1,000	44.7	83.2	90.3	94.1	93.9	39.2	68.3	68.5	70.7	79.3

[1] Rate applies to any general or specific charges paid by borrower or seller, in order to obtain a loan, except those for mortgage, credit, life, or property insurance; for property transfer; and for title search and insurance.

Source: U.S. Federal Home Loan Bank Board, monthly news releases.

No. 1330. Mortgage Status of Nonfarm Dwelling Units: 1940 to 1983

[In **millions, except percent.** Prior to 1960, excludes Alaska and Hawaii. For 1940 and 1950, mortgage data are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business; for 1960, properties with 1- to 4-dwelling units; for 1971-1981, properties with 1 housing unit. See also *Historical Statistics, Colonial Times to 1970*, series N 302-307]

ITEM	1940	1950	1960	1971	1974	1975	1976	1977	1978	1979	1980	1981	1983
Owner occupied units	11.4	19.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3	41.9	43.3	43.5
Reporting mortgage status	10.6	17.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3	41.9	43.3	43.5
Mortgaged	4.8	7.8	15.8	20.1	23.0	23.4	24.1	24.9	25.6	26.4	27.1	27.9	27.8
Percent	45.3	44.0	56.8	60.6	63.5	63.0	63.5	64.2	63.9	64.0	64.6	64.5	63.8
Not mortgaged	5.8	10.0	12.0	13.1	13.2	13.8	13.8	13.9	14.5	14.9	14.9	15.4	15.8

Source: U.S. Bureau of the Census, *Census of Housing: 1950*, vol. I; *1960* and *1970*, vol. V; and *Current Housing Reports*, series H-150, Annual Housing Survey, part C.

No. 1331. Residential Finance—Selected Characteristics of Homeowner and Rental Properties: 1981

[Covers nonfarm, privately owned residential properties. A mortgaged property is defined as all of the buildings and land covered by a single first mortgage. Based on a sample of properties and subject to sampling variability]

TYPE OF PROPERTY, MORTGAGE INSURANCE STATUS, AND HOLDER OF MORTGAGE	NUMBER OF PROPERTIES (1,000)					OUTSTANDING MORTGAGE DEBT (bil. dol.)				
	All properties	Homeowner		Rental and vacant		All properties	Homeowner		Rental and vacant	
		Total	1 unit	Total	1 unit		Total	1 unit	Total	1 unit
ALL PROPERTIES										
Total	**53,663**	**43,986**	**41,209**	**9,677**	**7,198**	(x)	(x)	(x)	(x)	(x)
Nonmortgaged	22,593	17,302	16,092	5,290	4,193	(x)	(x)	(x)	(x)	(x)
Mortgaged	31,070	26,684	25,116	4,386	3,005	966.7	723.7	678.1	243.1	75.8
MORTGAGED PROPERTIES [1]										
Mortgage insurance status:										
FHA-insured	4,573	4,075	3,891	498	425	123.9	88.0	83.6	35.9	8.8
VA guaranteed	3,943	3,532	3,431	411	371	108.3	97.7	95.0	10.6	9.3
Insured conventional	3,488	3,040	2,812	448	360	128.8	108.7	100.3	20.1	11.9
Other conventional	19,066	16,037	14,981	3,029	1,850	605.6	429.3	399.2	176.5	45.8
Holder of first mortgage:										
Commercial bank	4,800	4,102	3,878	697	516	136.7	110.1	102.8	26.6	11.2
Mutual savings bank	2,953	2,638	2,414	315	190	74.4	53.8	48.9	20.6	3.7
Savings and loan assn	12,817	10,965	10,219	1,852	1,186	387.6	306.2	283.3	81.4	31.6
Life insurance company	1,135	1,039	1,023	96	69	35.9	16.2	15.9	19.7	1.0
Federally-secured pool	2,670	2,454	2,377	216	186	90.4	80.1	77.6	10.3	5.6
Other	6,694	5,484	5,205	1,210	857	241.8	157.4	149.6	84.4	22.7

X Not applicable. [1] Refers to first mortgage.

Source: U.S. Bureau of the Census, *1980 Census of Housing, Vol. 5, Residential Finance.*

No. 1332. Single-Unit, Homeowner Mortgaged Properties—Selected Mortgage Characteristics, by Mortgage Insurance Status: 1981

[See headnote, table 1331]

CHARACTERISTIC	Unit	All mortgaged properties	Conventional first mortgage	GOVERNMENT-INSURED FIRST MORTGAGE	
				FHA	VA
Single-unit properties, total	1,000	25,116	17,793	3,891	3,432
Year first mortgage made or assumed:					
1979 to 1981	1,000	5,985	4,302	878	805
1975 to 1978	1,000	8,979	7,071	816	1,092
1970 to 1974	1,000	4,820	3,417	829	574
1960 to 1969	1,000	4,733	2,867	1,168	698
1959 or earlier	1,000	599	135	201	263
Median first mortgage—					
Loan	Dollars	24,900	26,300	18,900	25,200
Debt outstanding	Dollars	21,300	22,400	15,500	22,600
Current interest rate on first mortgage:					
Less than 6%	1,000	3,232	1,194	1,205	834
6.0 to 6.9%	1,000	2,323	1,651	258	213
7.0 to 7.9%	1,000	3,631	2,417	669	544
8.0 to 8.9%	1,000	6,013	4,280	792	940
9.0 to 9.9%	1,000	4,660	3,913	354	413
10.0 to 11.9%	1,000	3,297	2,527	426	344
12.0% or more	1,000	1,941	1,610	186	144
Median	Percent	8.7	8.9	7.6	8.0
First mortgages with—					
Variable interest rates	Percent	25.5	36.0	-	.2
Graduated interest and principal payments	Percent	8.5	9.8	8.5	2.0

- Represents zero.

Source: U.S. Bureau of the Census, *1980 Census of Housing, Vol. 5, Residential Finance.*

No. 1333. One-Family Homes, FHA-Insured Mortgages: 1975 to 1983

[Data for sec. 203(b) of National Housing Act only. For definition of median, see Guide to Tabular Presentation]

Characteristic	Unit	New homes							Existing homes						
		1975	1978	1979	1980	1981	1982	1983	1975	1978	1979	1980	1981	1982	1983
Number of mortgages	1,000	35.7	36.6	37.0	30.7	23.2	17.5	38.1	178.9	216.9	241.8	198.0	109.6	85.5	328.7
Average monthly occupant expenses:															
Real estate taxes	Dollars	49	56	57	58	67	57	59	40	44	43	49	51	56	63
Maintenance and repair	Dollars	22	23	29	30	34	40	37	20	24	28	31	34	38	39
Heating and utilities	Dollars	42	61	68	74	87	91	101	43	60	68	79	89	104	114
Average purchase transactions:															
Total acquisition cost [1]	$1,000	33.0	41.5	50.3	56.0	60.9	62.2	64.2	26.9	34.0	39.4	45.0	47.7	51.1	56.3
Closing costs	Dollars	672	772	856	981	1,049	1,144	1,173	606	761	846	960	1,054	1,104	1,197
Market price of site [2]	$1,000	6.4	7.7	9.8	11.8	12.4	12.8	12.8	5.5	6.9	8.1	10.1	11.4	11.7	12.8
Median value and cost:															
Amount of mortgage	$1,000	29.7	37.3	45.0	50.1	53.8	54.8	56.4	24.6	30.9	35.4	39.6	41.5	42.4	46.3
Estimated value	$1,000	32.5	41.1	50.4	56.0	60.9	62.5	63.9	26.2	33.0	38.4	44.0	47.0	50.6	56.2
Annual loan/value ratio	Percent	92.8	93.0	93.5	92.6	91.5	91.5	91.7	94.9	95.5	95.1	93.9	93.2	89.4	90.7
Income of occupant	$1,000	17.1	20.4	24.3	27.1	32.2	34.4	33.8	15.5	18.3	21.2	24.7	28.4	32.1	32.2
Monthly mortgage payment	Dollars	284	369	469	568	697	766	892	245	300	368	466	545	630	613
Average term of mortgage	Years	30.0	29.9	29.9	29.9	29.8	29.7	29.0	29.3	29.5	29.5	29.5	29.5	29.1	28.8
Interest rates [3]	Percent	8.5	9.5	10.0	11.5	15.5	15.5	12.5	8.5	9.5	10.0	11.5	15.5	15.5	12.5

[1] *Sales price plus closing costs.* [2] *Includes street improvements or utilities, rough grading, terracing and retaining walls, if* any, for site. [3] Represents maximum rate in effect as of July 1. Sec. 203(b) interest rates deregulated Nov. 30, 1983.

Source: U.S. Dept. of Housing and Urban Development, 1975–1979, HUD Statistical Yearbook; thereafter, unpublished data.

No. 1334. Residential Loans Underwritten by FHA: 1970 to 1983

[**In millions of dollars.** Figures are gross amount of insurance written; do not take account of principal repayments on previously insured loans. See also *Historical Statistics, Colonial Times to 1970,* series N 291–297]

Loan	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
FHA-insured loans	**11,982**	**7,941**	**9,746**	**13,000**	**16,098**	**22,848**	**22,301**	**14,976**	**14,105**	**31,651**
Home mortgages: New properties	2,667	1,148	1,087	1,664	1,881	3,409	4,071	3,177	*2,444*	*4,209*
Existing properties	5,447	5,017	5,275	7,177	9,259	14,758	12,387	7,102	5,643	22,363
Project type mortgages	3,251	976	2,315	2,818	3,270	2,719	4,197	3,024	4,464	3,227
Property improvement loans [1]	617	799	1,071	1,341	1,688	1,962	1,646	1,674	1,554	1,852

[1] Not ordinarily secured by mortgages. Includes mobile home loans.

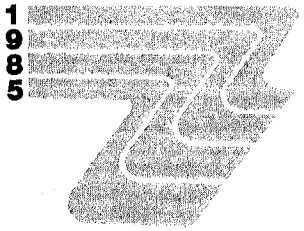
Source: U.S. Dept. of Housing and Urban Development, 1970–1979 *HUD Statistical Yearbook; thereafter, unpublished data.*

No. 1335. Nonresidential Buildings—Type, by Region and Square Footage: 1979–1980

[**In thousands.** Building type based on predominant activity in which the occupants were engaged. Based on a sample survey of building representatives conducted October 1979 to January 1980; subject to sampling variability. For composition of regions, see fig. I, inside front cover. Excludes Alaska and Hawaii]

Type	Total	Northeast	Midwest	South	West	Square footage					Average sq. ft. per building	Median sq. ft. per building
						1,000 or less	1,001 to 5,000	5,001 to 10,000	10,001 to 25,000	25,001 and over		
Nonresidential bldgs., number	**4,238**	**735**	**1,326**	**1,566**	**612**	**677**	**1,729**	**801**	**596**	**436**	**12.9**	**4.1**
Assembly	448	57	146	199	46	44	156	131	79	38	11.2	6.0
Auto, sales, service	401	77	145	122	57	92	197	78	*28*	7	*4.5*	*2.4*
Education	161	23	35	75	28	10	33	21	31	67	36.2	18.3
Food sales	366	56	118	139	53	70	207	51	31	8	5.1	2.5
Health care	44	7	18	15	5	4	15	9	6	10	38.5	5.4
Industrial	243	36	80	86	41	22	58	55	45	63	29.4	9.1
Lodging	101	13	12	54	23	10	33	22	16	20	19.9	6.1
Office	800	104	192	199	105	89	259	115	86	52	13.6	4.1
Residential	347	131	109	78	29	41	177	45	64	19	9.0	3.7
Retail/services	714	114	227	277	96	123	292	152	95	*52*	*10.7*	*4.0*
Warehouse and storage	430	59	137	157	77	79	169	59	64	60	14.1	3.9
Other	237	34	68	94	40	58	76	38	39	*26*	*13.2*	*3.8*
Vacant	146	23	39	70	13	37	59	24	12	13	8.7	2.7

Source: U.S. Energy Information Administration, *Nonresidential Buildings Energy Consumption Survey: Building Characteristics,* March 1981.



Section 29

Manufactures

This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected specific products. The types of measures shown at the different levels include data for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; value and quantity of production and shipments; value added by manufacture; inventories; and various indicators of financial status.

The principal sources of these data are Bureau of the Census reports of the censuses of manufactures conducted every five years; the *Annual Survey of Manufactures;* and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin.* Reports on current activities of industries, or current movements of individual commodities, are compiled by such government agencies as the Bureau of Labor Statistics; the Economic Research Service of the Department of Agriculture; the International Trade Administration; and by private research or trade associations such as The Conference Board, Inc., New York, and the American Iron and Steel Institute, Washington, DC.

Data on financial aspects of manufacturing industries are collected by the Bureau of Economic Analysis (BEA) and the Bureau of the Census. Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the SEC. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. See also Section 18, Business Enterprise, in this edition.

Censuses and annual surveys.—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken every 5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates from administrative records, are obtained for every manufacturing plant with one employee or more.

The Annual Survey of Manufactures, conducted for the first time in 1949, collects data for the years between censuses for the more general measures of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of establishments. The most recent, 1981, annual survey is based on a sample of about 56,000 establishments of an approximate total of 225,000. It comprises all large plants, which account for approximately two-thirds of total U.S. manufacturing employment, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for both the annual surveys and the census of manufactures. However, the bases for computing average employment vary for different years. For example, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the 15th of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. In 1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November to provide data more comparable with other statistical series.

Establishments and classification.—The censuses of manufactures for 1947 through 1977 cover operating manufacturing establishments as defined in the *Standard Industrial Classification Manual (SIC),* issued by the U.S. Office of Management and Budget (see text, p. 388). The *Manual* is also used for classifying establishments in the annual surveys. The comparability of manufactures data over time is affected by changes in the official definitions of industries as presented in the *Manual.* It is important to note therefore, that the 1972 edition of the *Manual* was used for the 1972 and 1977 censuses; and the 1972 edition of the *Manual* and the *1977 Supplement* was used for the 1982 census while the 1967 *Manual* was used for the 1967 census. For the censuses from 1947 to 1963, reports were required from all establishments employing one or more persons at any time during the census year. For the 1967 and 1972 censuses, reports were required only from establishments with 10 or more employees and establishments operated by multi-establishment companies. Data for single unit companies with less than 10 employees were estimated on the

basis of government administrative records and industry averages. In the 1982 Census, data were based on administrative records for all establishments with fewer than 5 employees; and, depending on the industry, for those with fewer than 20. Each of the establishments tabulated was classified in one of the approximately 450 manufacturing industries as defined by the *SIC Manual* in 1972, 1977, and 1982. The *Manual* defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of a product or product group exceeds in value added its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1982 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

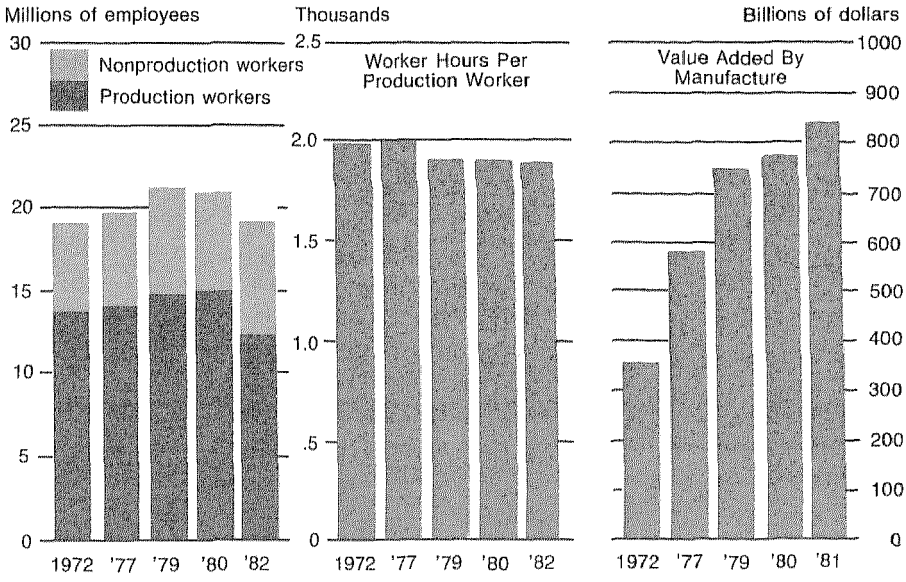
No. 1336. National Income Originating in Manufacturing: 1958 to 1983

[In billions of dollars, except percent. 1958, excludes Alaska and Hawaii. For definition of national income, see text, p. 427. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See Historical Statistics, Colonial Times to 1970, series F 230, for single-year figures prior to revisions issued in 1981]

ITEM	1958	1963	1967	1972	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total manufacturing	**108**	**144**	**194**	**252**	**318**	**367**	**413**	**465**	**509**	**527**	**581**	**550**	**580**
Percent of national income	29	29	29	26	25	26	26	26	25	24	24	22	22
Durable goods	**62**	**86**	**119**	**154**	**186**	**217**	**250**	**286**	**311**	**312**	**340**	**311**	**330**
Percent of total	58	60	61	61	58	59	60	61	61	59	59	57	57
Machinery, except electrical	10	14	22	28	37	42	49	56	64	68	75	69	64
Electric and electronic equipment	8	12	18	23	27	31	36	41	45	50	54	54	57
Fabricated metal products	8	10	15	19	24	28	32	36	40	41	43	40	41
Other transportation equipment	8	10	14	13	16	18	20	23	26	29	31	32	32
Primary metal industries	9	11	14	18	24	26	28	34	38	38	41	28	29
Motor vehicles and equipment	5	11	13	20	19	27	33	35	32	22	27	25	34
Instruments and related products	3	4	6	7	9	11	12	14	15	17	20	21	22
Stone, clay, and glass products	4	5	6	9	10	12	13	16	17	16	16	14	17
Lumber and wood products	3	4	5	8	8	11	13	16	17	15	14	12	15
Miscellaneous manufacturing industries	2	3	3	5	5	6	7	7	8	8	10	9	9
Furniture and fixtures	2	2	3	4	5	5	6	7	8	8	8	8	9
Nondurable goods	**46**	**57**	**75**	**98**	**132**	**150**	**163**	**179**	**198**	**215**	**241**	**238**	**250**
Food and kindred products	11	14	16	20	31	31	34	35	38	41	46	46	47
Chemicals and allied products	8	10	13	18	25	29	31	33	35	37	42	42	45
Petroleum and coal products	4	4	6	7	15	19	19	21	28	36	43	40	37
Printing and publishing	6	7	10	14	17	19	21	24	26	28	31	33	37
Paper and allied products	4	5	7	9	12	14	15	17	19	20	21	20	23
Rubber and miscellaneous plastic products	3	4	5	8	9	10	12	14	15	15	17	17	19
Apparel and other textile products	4	6	7	10	11	12	14	15	15	16	18	17	19
Textile mill products	4	5	6	8	9	11	12	13	14	13	14	13	15
Tobacco manufactures	1	1	1	2	2	3	3	3	4	4	4	5	5
Leather and leather products	1	2	2	2	2	3	3	3	3	4	4	4	4

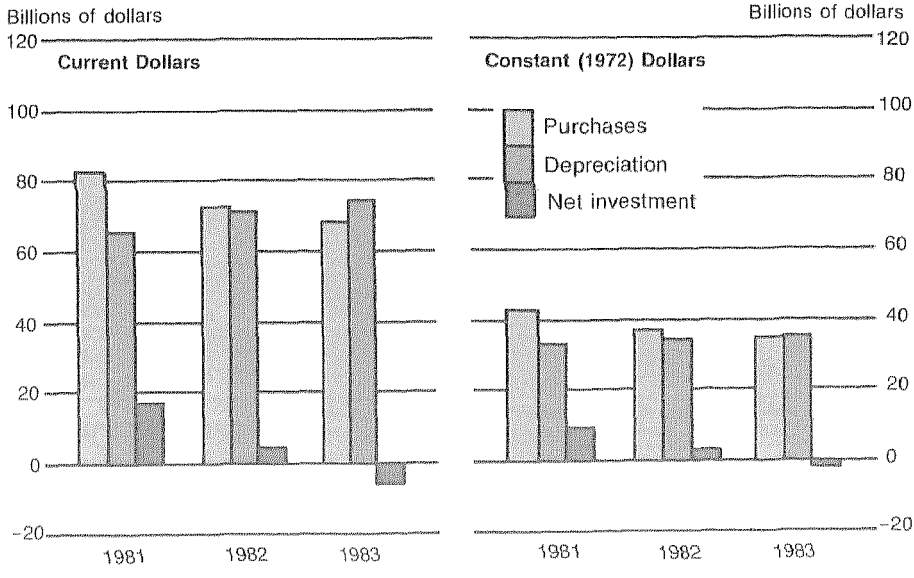
Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July issues.

Figure 29.1
Manufactures—Summary: 1972 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 1337.

Figure 29.2
Capital in Manufacturing Establishments: 1981 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1350.

No. 1337. Manufactures—Summary: 1954 to 1982

[1954 excludes Alaska and Hawaii. Census data, except as noted. For establishment coverage, see text, p. 744. See also *Historical Statistics, Colonial Times to 1970*, series P 1-12]

ITEM	Unit	1954	1958	1963	1967	1972	1977	1979 [1]	1980 [1]	1981 [1]	1982
Number of establishments [2]	1,000	[3] 287	303	312	311	321	360	(NA)	(NA)	(NA)	356
With 20 or more employees	1,000	[3] 90	95	102	110	114	119	(NA)	(NA)	(NA)	123
All employees, [4] annual average [5]	Million	16.1	16.0	17.0	19.3	19.0	19.6	21.0	20.6	20.3	19.1
Payroll, all employees	Bil. dol.	66	78	100	132	174	264	329	350	379	380
Payroll per employee	$1,000	4.1	4.9	5.9	6.8	9.2	13.5	15.6	17.0	18.7	19.9
Production workers, annual average	Million	12.4	11.7	12.2	14.0	13.5	13.7	14.5	13.9	13.5	12.4
Percent of all employees	Percent	77.0	73.1	71.8	72.2	71.1	69.9	69.1	67.3	66.8	64.8
Hours, production workers	Billion	24.3	22.7	24.5	27.8	26.7	26.7	28.3	26.7	26.2	23.5
Hours per worker	1,000	2.0	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
Wages, production workers	Bil. dol.	45	50	62	81	106	157	193	198	212	205
Percent of payroll for all employees	Percent	68.2	64.1	62.0	61.6	60.6	59.5	58.6	56.6	56.0	53.9
Wages per worker	$1,000	3.6	4.3	5.1	5.8	7.8	11.5	13.3	14.3	15.7	16.5
Wages per worker hour	Dollar	1.83	2.19	2.53	2.92	3.95	5.89	6.81	7.41	8.09	8.69
Value added by manufacture [6]	Bil. dol.	117	142	192	262	354	585	747	774	838	(NA)
Per production worker	$1,000	9.5	12.1	15.7	18.8	26.2	42.7	51.4	55.7	61.8	(NA)
Per production worker hour	Dollar	4.81	6.25	7.83	9.41	13.26	21.93	26.39	28.93	31.93	(NA)
Per dollar of workers' wages	Dollar	2.60	2.84	2.90	3.22	3.36	3.72	3.88	3.91	3.95	(NA)
Cost of materials	Bil. dol.	(NA)	(NA)	230	299	407	782	999	1,094	1,194	1,129
Value of shipments [7]	Bil. dol.	(NA)	(NA)	421	557	757	1,359	1,727	1,853	2,018	1,962
Per production worker	$1,000	(NA)	(NA)	34.4	39.9	55.9	99.2	118.8	133.3	149.0	158.3
End-of-year inventories	Bil. dol.	40	49	60	84	108	188	239	262	279	(NA)
Capital expenditures, new [8]	Bil. dol.	8.2	9.5	11.4	21.5	24.1	47.5	61.5	70.1	78.6	75.0
Ratios:											
Value added to shipments	Ratio	(NA)	(NA)	45.6	47.0	46.7	42.9	43.3	41.8	41.5	(NA)
Inventories to shipments	Ratio	(NA)	(NA)	14.2	15.0	14.2	13.8	13.8	14.1	13.8	(NA)
Payroll to value added	Ratio	56.4	54.9	52.0	50.3	49.1	45.2	44.0	45.3	45.2	(NA)
Gross book value of depreciable assets	Bil. dol.	(NA)	(NA)	158	218	301	439	523	574	630	(NA)
Machinery and equipment	Bil. dol.	(NA)	(NA)	(NA)	157	218	328	394	434	479	(NA)
Assets per employee	$1,000	(NA)	(NA)	9.3	11.3	16.4	22.4	24.8	27.8	31.1	(NA)

NA Not available. [1] Estimated data based on *Annual Survey of Manufactures;* see text, p. 743. [2] Includes administrative *and auxiliary units, except as noted.* [3] Excludes administrative offices and auxiliary units. [4] Includes data for employees of manufacturing establishments engaged in distribution and construction work. [5] Data for most industries in 1954 and for all industries since 1954 are based on pay periods ending nearest 15th of March, May, August, and November. For industries of a seasonal type in 1954, data represent average of 12 monthly figures. [6] Adjusted value added; takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. [7] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. [8] Includes plants under construction and not yet in operation.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1954, 1958, 1963, 1967, 1972,* and *1977* final reports, and *1982* preliminary; and *Annual Survey of Manufactures.*

No. 1338. Manufactures—Summary, by Type of Operation: 1947 to 1977

[A multiunit company operates establishments at more than one location. See text, p. 744]

ITEM	Unit	1947	1954	1958	1963	1967	1972	1977
Multiunit companies: Establishments	1,000	35.2	31.8	41.9	45.9	51.7	70.2	81.2
Employees	Million	8.0	9.5	10.1	11.0	13.3	14.3	16.0
Production workers	Million	6.7	7.4	7.2	8.1	9.8	9.8	10.1
Payroll, all employees	Bil. dol.	22.8	40.6	51.8	68.2	93.8	138.8	214.2
Wages, production workers	Bil. dol.	17.8	29.0	33.5	44.7	60.9	81.9	124.9
Value added by manufacture	Bil. dol.	43.9	79.6	105.3	146.6	206.4	286.1	485.0
Capital expenditures, new	Bil. dol.	(NA)	6.5	7.5	8.9	18.6	20.0	41.0
Single unit companies: Establishments	1,000	205.6	255.0	256.3	260.8	[1] 254.0	[1] 250.5	[1] 278.7
Employees	Million	6.3	6.2	5.3	5.2	[1] 5.2	[1] 4.8	[1] 4.6
Payroll, all employees	Bil. dol.	16.9	22.3	21.9	25.1	[1] 28.5	[1] 35.4	[1] 49.8
Value added by manufacture	Bil. dol.	30.3	37.4	37.9	45.5	[1] 55.5	[1] 67.9	[1] 100.1

NA Not available. [1] Includes data obtained from Federal administrative records.

Source: U.S. Bureau of the Census, *1977 Census of Manufactures, Type of Organization,* subject series, MC77-SR-7.

No. 1339. Industrial Production Indexes, by Industry: 1970 to 1984

[1967=100. Based on 1967 *Standard Industrial Classification Manual* (see text, pp. 743 and 744). See also *Historical Statistics, Colonial Times to 1970,* series P 13 and P 18-39]

SIC code	MAJOR INDUSTRY GROUP	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984, Jan.–June
(X)	**Industrial production**	108	130	129	118	131	138	146	153	147	151	139	148	160
(X)	**Manufacturing**	106	130	129	116	130	138	147	154	147	150	138	148	163
(X)	**Durable goods**	102	127	126	109	122	130	140	146	137	141	125	135	152
33	Primary metals	107	127	123	96	110	111	120	121	102	108	75	85	97
34	Fabricated metal products	102	125	124	110	124	131	142	149	134	136	115	120	135
36	Electrical machinery	108	143	144	117	135	145	159	175	173	178	169	186	175
35	Nonelectrical machinery	104	134	140	125	135	144	154	164	163	171	149	155	212
37	Transportation equipment	90	118	109	97	111	122	133	135	117	116	105	118	135
38	Instruments	112	138	144	132	147	156	167	175	171	170	162	159	171
32	Clay, glass, stone products	106	134	133	118	136	146	157	164	148	148	128	143	160
24	Lumber and products	106	126	116	108	123	131	136	137	119	119	113	137	148
25	Furniture and fixtures	108	144	138	118	137	145	156	162	150	157	152	171	188
39	Miscellaneous	111	138	138	128	145	149	151	154	148	155	137	146	151
(X)	**Nondurable goods**	112	134	135	126	142	151	157	164	161	165	156	168	178
22	Textile mill products	112	143	133	122	135	134	138	145	139	136	125	141	142
31	Leather and products	90	83	78	77	77	74	74	72	70	69	61	62	63
26	Paper and products	115	137	135	116	133	138	145	151	151	155	151	164	173
27	Printing and publishing	107	118	118	113	123	128	132	137	140	144	144	153	166
28	Chemicals and products	120	155	159	147	171	186	197	212	207	216	196	215	227
29	Petroleum products	113	129	125	124	134	143	145	144	133	130	122	120	126
30	Rubber and plastics products	132	184	195	167	200	232	254	272	256	274	255	292	326
20	Food	109	121	124	123	133	139	143	148	150	152	151	156	(NA)
21	Tobacco products	102	112	110	112	117	113	118	118	120	122	118	112	(NA)
(X)	**Mining**	112	115	115	113	114	118	124	126	133	142	126	117	125
(X)	**Utilities**	125	145	144	146	152	157	161	166	168	169	169	172	181
(X)	**Energy** [1]	117	128	126	126	129	133	135	138	138	137	136	136	143

NA Not available. X Not applicable. [1] Production of energy is represented by output of primary energy, such as crude oil, natural gas, and coal mining, and by the conversion of primary energy to other energy forms for final consumption.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 1340. Capacity Utilization Rates in Manufacturing: 1970 to 1983

[**In percent.** Annual figures are averages of quarterly data. Capacity represents maximum practical amount of output that can be produced with current stock of plant and equipment]

INDUSTRY	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All manufacturers	81	83	86	83	77	81	83	84	82	78	76	70	74
Firms with assets of—													
$100 million and over	83	86	88	85	78	84	85	86	85	79	77	70	74
$10 million–$99.9 million	79	81	83	81	75	78	80	81	81	78	77	72	74
Under $10 million	73	77	79	77	72	76	78	78	76	72	74	68	72
Durable goods [1]	78	82	85	82	76	81	84	84	83	77	74	66	71
Electrical machinery	76	81	82	83	73	80	82	83	82	80	76	72	75
Machinery, except electrical	86	84	87	88	83	86	89	91	91	90	89	80	79
Transportation equipment [1]	75	85	87	78	76	82	86	85	80	72	68	63	70
Motor vehicles	81	97	100	83	83	93	99	95	84	67	63	60	76
Aircraft	68	69	69	71	65	65	68	70	76	79	75	69	66
Primary metals	82	86	88	88	73	78	80	84	84	74	73	52	59
Stone, clay, and glass	76	83	83	79	70	77	79	80	80	73	70	64	70
Nondurable goods [1]	83	85	86	84	79	82	82	82	82	79	78	74	77
Food, including beverages	82	81	81	80	77	77	78	79	79	76	78	76	76
Textiles	82	89	90	81	78	85	86	85	83	80	80	74	83
Paper	88	90	94	91	79	87	86	88	91	88	86	81	86
Chemicals	82	84	88	85	74	80	78	80	83	78	75	69	73
Petroleum	95	94	97	89	89	93	92	90	88	81	74	72	74
Rubber	82	89	89	85	74	80	85	83	77	70	72	73	78

[1] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis. Quarterly data in *Survey of Current Business,* monthly.

No. 1341. Manufactures Summary,

[Sum of State totals may not add to U.S. total

	STATE	1967				1972				1977		
		Establishments [1] (total)	All employees [2] Number [3] (1,000)	All employees [2] Payroll (mil. dol.)	Value added by manufacture [4] (mil. dol.)	Establishments [1] (total)	All employees [2] Number [3] (1,000)	All employees [2] Payroll (mil. dol.)	Value added by manufacture [4] (mil. dol.)	Establishments [1] Total	Establishments [1] With 20 or more employees	All employees, number [2] [3] (1,000)
1	U.S.	311,140	19,323	132,209	261,984	320,710	19,029	174,206	353,954	359,928	118,699	19,590
2	N.E.	24,286	1,562	10,190	18,972	23,732	1,363	11,908	22,508	25,737	8,861	1,390
3	ME	2,385	111	577	1,070	2,076	100	699	1,383	2,157	595	103
4	NH	1,481	95	513	932	1,434	90	663	1,279	1,825	623	95
5	VT	925	43	259	515	860	37	311	576	1,030	298	42
6	MA	10,963	714	4,646	8,715	10,770	619	5,486	10,678	11,133	4,054	613
7	RI	2,703	122	700	1,351	2,756	118	888	1,764	3,107	945	125
8	CT	5,829	478	3,494	6,390	5,836	399	3,860	6,828	6,485	2,366	412
9	M.A.	76,422	4,360	30,527	57,232	71,808	3,933	37,123	70,331	71,009	24,904	3,617
10	NY	42,911	1,929	13,852	25,247	38,341	1,679	16,220	30,404	36,578	11,425	1,510
11	NJ	14,740	861	6,325	12,798	15,069	836	8,107	16,409	15,696	5,775	778
12	PA	18,771	1,550	10,350	19,277	18,398	1,418	12,794	23,519	18,735	7,704	1,329
13	E.N.C.	63,062	5,151	38,495	75,016	64,674	4,933	50,960	99,951	69,237	25,941	4,974
14	OH	15,428	1,397	10,523	20,435	16,390	1,346	13,810	27,171	17,354	6,728	1,331
15	IN	6,920	710	5,023	10,308	7,354	704	6,882	14,112	8,061	3,229	706
16	IL	18,536	1,397	10,014	20,017	18,618	1,306	12,801	25,849	19,517	7,441	1,286
17	MI	14,340	1,134	9,357	17,242	14,467	1,076	12,745	23,376	15,627	5,380	1,116
18	WI	7,838	512	3,578	7,014	7,845	501	4,722	9,443	8,678	3,163	535
19	W.N.C.	20,623	1,206	8,165	16,773	21,467	1,202	10,923	23,586	24,321	7,604	1,297
20	MN	5,409	300	2,107	4,080	5,698	302	2,888	5,524	6,637	2,126	332
21	IA	3,386	210	1,435	3,251	3,387	216	2,039	4,758	3,783	1,245	240
22	MO	6,545	452	3,049	5,895	6,732	434	3,897	8,169	7,354	2,429	433
23	ND	454	8	42	113	482	10	79	201	571	145	14
24	SD	604	16	93	171	606	17	135	285	740	195	23
25	NE	1,672	77	476	1,150	1,723	85	704	1,733	1,965	626	88
26	KS	2,551	144	965	2,112	2,839	137	1,161	2,915	3,270	1,037	168
27	S.A.	37,961	2,502	14,014	29,313	41,535	2,739	20,640	44,352	47,692	15,560	2,823
28	DE	528	71	588	958	567	69	755	1,292	619	231	67
29	MD	3,401	288	1,956	3,781	3,579	256	2,386	4,707	3,937	1,351	244
30	DC	593	23	179	333	564	19	215	376	555	130	19
31	VA	4,938	340	1,905	4,068	4,837	375	2,826	6,178	5,519	1,879	395
32	WV	1,844	124	832	2,170	1,734	121	1,098	2,647	1,857	583	117
33	NC	8,266	643	3,066	6,607	8,632	744	4,929	11,015	9,954	4,005	765
34	SC	3,465	304	1,502	3,030	3,719	345	2,345	4,966	4,229	1,560	374
35	GA	6,976	423	2,231	4,684	7,629	468	3,336	7,386	8,623	2,906	485
36	FL	7,950	285	1,755	3,683	10,275	343	2,750	5,787	12,399	2,915	358
37	E.S.C.	15,746	1,092	5,909	13,718	16,525	1,249	9,211	21,234	19,187	6,797	1,326
38	KY	2,994	225	1,352	3,636	3,167	259	2,160	5,682	3,548	1,318	278
39	TN	5,040	418	2,190	4,921	5,647	467	3,352	7,662	6,487	2,477	490
40	AL	4,951	289	1,603	3,526	4,984	323	2,397	5,065	5,863	1,655	341
41	MS	2,761	160	764	1,635	2,727	200	1,302	2,825	3,289	1,147	219
42	W.S.C.	21,883	1,083	6,855	16,617	24,020	1,239	10,286	24,603	29,796	9,048	1,442
43	AR	2,911	144	666	1,558	2,897	161	1,152	2,800	3,595	1,101	197
44	LA	3,639	165	1,084	2,790	3,657	179	1,601	4,273	4,276	1,236	195
45	OK	2,611	118	764	1,346	3,042	143	1,188	2,270	3,816	1,067	164
46	TX	12,722	658	4,340	10,922	14,424	736	6,345	15,259	18,107	5,644	886
47	Mt.	6,679	315	2,123	4,522	10,119	388	3,469	7,446	13,808	3,220	461
48	MT	923	20	130	312	943	21	185	463	1,168	203	24
49	ID	1,131	37	220	503	1,190	43	340	821	1,495	379	52
50	WY	331	6	37	86	377	7	57	144	505	102	9
51	CO	2,461	104	731	1,509	2,841	133	1,298	2,504	3,948	961	153
52	NM	749	17	99	205	926	24	157	358	1,323	258	29
53	AZ	1,630	77	543	985	2,037	94	655	1,880	2,892	677	111
54	UT	1,124	47	315	778	1,358	57	486	1,069	1,748	494	70
55	NV	330	7	50	134	447	10	92	208	729	147	15
56	Pac.	42,433	2,050	15,911	29,675	46,829	1,983	19,685	39,986	59,106	16,534	2,255
57	WA	5,014	271	2,119	3,764	5,345	226	2,308	4,721	6,723	1,712	265
58	OR	4,437	163	1,083	2,061	4,670	179	1,627	3,490	5,716	1,580	202
59	CA	31,962	1,584	12,515	23,394	35,699	1,546	15,483	31,195	45,289	12,883	1,752
60	AK	323	8	56	130	342	8	75	170	429	128	11
61	HI	697	25	140	326	773	25	191	410	949	231	25

X Not applicable. [1] Includes central administrative offices and auxiliary units. [2] Includes employment and payroll at administrative offices and auxiliary units. [3] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 12th of March. "Production workers" represents the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November.

BY STATE: 1967 TO 1981

because U.S. and State figures were independently derived]

1977—Con.				1980, value of shipments [5] (mil. dol.)	1981		Leading major industry groups ranked by value added by manufacture, 1980	
All employees, payroll [2 3] (mil. dol.)	Production workers [2]		Value added by manufacture [4] (mil. dol.)		All employees, number [2 3] (1,000)	Value of shipments [5] (mil. dol.)		
	Number [3] (1,000)	Wages (mil. dol.)						
264,013	**13,691**	**157,164**	**585,166**	**1,852,668**	**20,264**	**2,017,543**	**Mach. exc. electrical; trans. equip.; chemicals.**	1
17,602	**943**	**9,623**	**35,587**	**96,436**	**1,550**	**105,537**	(x)	2
1,078	84	781	2,343	7,697	115	9,127	Paper; leather; lumber.	3
1,029	72	645	2,175	6,589	111	7,259	Elec. equip.; machinery exc. elec.; paper.	4
498	29	270	1,050	3,197	50	3,645	Elec. equip.; mach. exc. elec.; fabricated metal.	5
7,819	408	4,199	16,349	43,535	692	47,905	Machinery exc. elec.; elec. equip.; instruments.	6
1,327	95	825	2,737	7,377	127	7,574	Misc. mfg.; fabricated metal; primary metal.	7
5,852	255	2,902	10,934	28,041	455	30,027	Trans. equip.; mach. exc. elec.; fabricated metal.	8
49,843	**2,382**	**26,929**	**103,160**	**288,617**	**3,586**	**307,518**	(x)	9
20,876	958	10,419	44,290	112,213	1,502	119,301	Instruments; print. and publish.; elec. equip.	10
10,924	490	5,562	22,853	68,470	793	73,035	Chemicals; food; electrical equip.	11
18,043	934	10,949	36,017	107,935	1,291	115,182	Primary metal; machinery exc. electrical; food.	12
76,908	**3,475**	**48,128**	**160,223**	**441,859**	**4,577**	**479,463**	(x)	13
20,356	924	12,908	43,055	113,974	1,219	122,287	Mach. exc. elec.; trans. equip.; fabricated metal.	14
10,439	522	7,047	22,718	63,440	643	70,292	Electrical equip.; trans. equip.; primary metal.	15
18,741	858	10,757	40,279	121,288	1,210	126,986	Machinery exc. elec.; food; elec. equip.	16
20,054	789	12,721	37,566	92,948	977	105,175	Trans. equip.; machinery exc. elec.; fab. metal.	17
7,318	381	4,697	16,606	50,209	528	54,723	Machinery exc. elec.; food; paper.	18
17,389	**891**	**10,331**	**40,621**	**144,860**	**1,364**	**157,105**	(x)	19
4,693	211	2,413	9,605	32,963	373	35,504	Machinery exc. elec.; food; fabricated metal.	20
3,383	171	2,191	8,684	30,654	236	33,221	Machinery exc. elec.; food; chemicals.	21
5,709	299	3,405	13,042	38,715	430	41,206	Transportation equip.; food; chemicals.	22
162	9	97	473	2,106	15	2,362	Machinery exc. elec.; food; petroleum and coal.	23
251	17	169	612	2,720	27	2,926	Food; machinery exc. electrical; instruments.	24
1,075	63	681	2,867	13,580	95	15,412	Food; machinery exc. elec.; elec. equip.	25
2,115	122	1,371	5,338	24,121	188	26,474	Trans. equip.; machinery exc. elec.; food.	26
31,502	**2,131**	**19,996**	**72,304**	**231,731**	**3,045**	**253,671**	(x)	27
1,141	32	410	1,596	8,030	67	9,050	Chemicals; transp. equip; food.	28
3,420	163	1,976	7,116	20,291	243	21,321	Food; electronic equipment; primary metal.	29
298	8	102	610	1,231	16	1,346	Printing and publishing; food; fabricated metal.	30
4,442	302	2,917	10,882	33,118	411	35,910	Chemicals; food; tobacco.	31
1,621	89	1,124	3,880	11,236	109	11,928	Chem.; primary metal; stone, clay, glass prod.	32
7,519	611	5,086	18,231	56,029	822	62,193	Textiles; tobacco; chemicals.	33
3,805	300	2,640	8,186	25,383	388	27,878	Textiles; chemicals; machinery exc. elec.	34
5,125	376	3,404	12,549	43,157	527	47,246	Textiles; transportation equipment; food.	35
4,133	250	2,336	9,255	33,257	462	36,799	Food; electrical equip.; chemicals.	36
14,506	**1,036**	**9,959**	**36,234**	**111,156**	**1,309**	**121,981**	(x)	37
3,452	209	2,303	9,546	28,845	267	30,403	Machinery exc. elec.; food; elec. equip.	38
5,219	376	3,481	12,663	36,397	492	41,258	Chemicals; food; machinery exc. elec.	39
3,773	273	2,698	8,406	26,552	346	30,509	Primary metals; paper; chemicals.	40
2,062	178	1,477	5,619	17,362	204	19,811	Petroleum; elec. equip; transp. equip.	41
18,319	**1,017**	**10,990**	**52,112**	**247,547**	**1,678**	**281,945**	(x)	42
1,932	161	1,401	4,882	16,483	197	18,510	Electronic equipment; food; paper.	43
2,683	145	1,799	9,418	50,319	208	57,796	Chemicals; petroleum; food.	44
2,051	110	1,164	4,662	21,764	205	25,311	Machinery exc. elec.; fabricated metal; petrol.	45
11,653	601	6,626	33,150	158,981	1,068	180,328	Chemicals; petroleum; machinery exc. electrical.	46
5,991	**312**	**3,489**	**13,622**	**52,358**	**572**	**56,759**	(x)	47
312	19	236	802	4,710	23	4,290	Primary metals; lumber; petroleum.	48
625	40	432	1,430	4,967	50	5,005	Lumber; food; chemicals.	49
111	6	74	382	2,819	11	3,164	Petroleum; chemicals; stone, glass, clay.	50
2,125	98	1,143	4,472	15,396	188	17,213	Food; instruments; machinery exc. elec.	51
297	21	184	734	3,069	34	3,230	Primary metals; petroleum; food.	52
1,463	70	781	3,333	11,175	156	12,484	Elec. equip.; machinery exc. elec.; trans. equip.	53
867	49	522	1,974	8,845	92	9,815	Machinery exc. elec.; prim. metals; trans. equip.	54
192	10	113	495	1,377	18	1,558	Stone, clay, glass; print. and publishing; food.	55
31,929	**1,505**	**17,720**	**71,245**	**236,335**	**2,587**	**253,570**	(x)	56
4,054	181	2,385	8,955	35,376	304	36,790	Transportation equipment; lumber; food.	57
2,760	155	1,902	6,138	18,900	204	18,835	Lumber; food; instruments.	58
24,672	1,143	13,151	54,862	176,831	2,040	192,365	Transportation equip.; elec. equip.; food.	59
166	9	123	504	1,758	13	1,954	Food; chemicals; paper.	60
277	17	161	786	3,470	26	3,626	Food; petroleum; printing and publishing.	61

[4] For definition, see footnote 6, table 1337. [5] See footnote 7, table 1337.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967 and 1972, General Summary*, MC 67(1)-1 and MC 72(1)-1; *Census of Manufactures, 1977*, vol. III, Area Statistics; and *Annual Survey of Manufactures*.

No. 1342. Manufactures—Summary

[Data based on various editions of the *Standard Industrial Classification Manual*, published by the Office of

Industry code [1]	Industry group	1972				1977			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
(x)	**All manufacturing establishments, incl. central administrative offices**	**320,701**	**19,027**	**174,187**	**353,973**	**359,928**	**19,590**	**264,013**	**585,166**
20	**Food and kindred products**	**28,183**	**1,569**	**12,920**	**35,615**	**26,656**	**1,520**	**18,544**	**56,062**
201	Meat products	4,437	308	2,544	4,961	4,534	309	3,702	7,478
202	*Dairy products*	4,590	189	1,596	4,054	3,731	154	1,939	5,648
203	Preserved fruits and vegetables	2,557	233	1,534	4,514	2,379	235	2,336	7,685
204	Grain mill products	3,080	111	1,013	3,699	3,043	113	1,576	6,626
205	Bakery products	3,633	235	2,029	4,537	3,386	222	2,866	7,073
206	Sugar and confectionery products	1,249	107	832	2,473	1,198	105	1,206	4,151
207	Fats and oils	860	40	366	1,291	869	41	561	1,905
208	Beverages	3,624	212	2,033	6,689	3,104	195	2,849	9,901
209	Misc. foods and kindred products	4,153	134	974	3,397	4,412	146	1,509	5,596
21	**Tobacco products**	**272**	**66**	**502**	**2,637**	**228**	**61**	**751**	**4,334**
211	Cigarettes	20	38	345	2,188	14	39	568	3,803
212	*Cigars*	124	14	68	192	101	8	55	126
213	Chewing and smoking tobacco	37	3	23	103	35	3	32	189
214	Tobacco stemming and redrying	91	11	66	154	78	11	96	217
22	**Textile mill products**	**7,201**	**953**	**6,051**	**11,716**	**7,202**	**876**	**7,881**	**16,105**
221	*Weaving mills, cotton*	307	121	745	1,256	314	117	1,047	1,945
222	Weaving mills, manmade fiber	412	150	979	1,832	449	151	1,429	2,791
223	Weaving, finishing mills, wool	198	19	132	239	165	15	137	313
224	Narrow fabric mills	376	27	162	289	335	21	172	351
225	*Knitting mills*	2,723	277	1,647	3,181	2,617	236	1,911	3,863
226	Textile finishing, except wool	655	80	564	1,114	678	72	740	1,417
227	Floor covering mills	527	60	415	1,076	592	56	557	1,530
228	Yarn and thread mills	807	148	866	1,580	798	141	1,184	2,255
229	Misc. textile goods	1,196	72	540	1,149	1,254	68	706	1,641
23	**Apparel, other textile products**	**24,438**	**1,368**	**7,212**	**13,488**	**26,505**	**1,334**	**9,659**	**19,671**
231	Men's and boys' suits and coats	856	125	770	1,342	737	99	822	1,574
232	Men's and boys' furnishings	2,787	363	1,692	3,242	3,013	365	2,340	4,935
233	Women's and misses' outerwear	9,526	433	2,270	4,102	11,634	448	3,153	6,430
234	*Women's, children's undergarments*	1,002	105	525	1,049	878	92	613	1,250
235	Hats, caps, and millinery	496	15	73	133	409	15	105	186
236	Children's outerwear	1,061	75	368	709	1,002	71	459	879
237	Fur goods	797	5	41	86	620	4	52	113
238	Misc. apparel and accessories	1,302	62	336	636	1,284	56	408	845
239	Misc. fabricated textile products	6,611	186	1,139	2,188	6,728	185	1,707	3,459
24	**Lumber and wood products**	**33,949**	**691**	**4,986**	**10,310**	**37,302**	**692**	**7,425**	**16,223**
241	Logging camps, log contractors	13,238	80	524	1,163	15,469	83	1,009	2,419
242	Sawmills and planing mills	9,452	204	1,488	3,259	9,000	211	2,228	4,975
243	Millwork, plywood, and structural members	5,506	191	1,474	2,908	6,149	197	2,216	4,701
244	Wood containers	1,160	37	204	359	1,949	38	300	540
245	Wood buildings and mobile homes	993	97	745	1,491	1,165	80	858	1,789
249	Misc. wood products	3,600	82	550	1,129	3,570	83	813	1,800
25	**Furniture and fixtures**	**9,233**	**462**	**3,205**	**6,097**	**10,235**	**464**	**4,448**	**8,922**
251	Household furniture	5,369	317	2,024	3,861	6,161	310	2,669	5,213
252	Office furniture	433	39	330	660	523	45	543	1,236
253	Public building, related furniture	422	21	158	296	420	20	214	415
254	Partitions and fixtures	2,010	57	484	871	2,134	57	675	1,311
259	*Misc. furniture and fixtures*	999	27	210	410	997	32	347	747
26	**Paper and allied products**	**6,038**	**633**	**5,992**	**13,064**	**6,545**	**629**	**8,943**	**22,171**
261	Pulpmills	60	11	126	307	45	16	293	906
262	Papermills, except building paper	349	130	1,440	2,909	339	127	2,167	5,407
263	*Paperboard mills*	273	69	778	1,994	249	68	1,176	3,081
264	Misc. converted paper products	2,525	189	1,630	4,008	2,994	207	2,608	7,263
265	Paperboard containers and boxes	2,799	224	1,907	3,599	2,860	204	2,602	5,296
266	Building paper and board mills	92	12	112	247	58	7	97	218

For footnotes, see pp. 754 and 755.

BY INDUSTRY GROUP: 1972 TO 1982

Management and Budget; see text, p. 743. See also *Historical Statistics, Colonial Times to 1970*, series P 58-67]

1982, prel.									
Establishments		All employees		Production workers			Value of shipments (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Cost of materials (mil. dol.)
Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Hours (mil.)	Wages (mil. dol.)			
[5] 356,136	**123,271**	**19,111**	**379,800**	**12,390**	**23,527**	**204,523**	**1,961,793**	**74,983**	**1,129,388**
[5] 21,316	**10,638**	**1,494**	**26,074**	**1,048**	**2,036**	**16,410**	**280,961**	**6,807**	**192,117**
3,626	1,685	320	4,990	267	521	3,856	68,002	893	56,693
2,712	1,444	145	2,595	83	167	1,421	38,878	713	30,494
2,090	1,226	220	3,317	183	344	2,474	29,856	943	17,580
2,741	1,061	107	2,182	74	152	1,428	31,359	884	20,953
2,662	1,260	216	4,032	123	241	2,072	17,701	474	7,104
1,036	508	96	1,667	77	151	1,199	15,671	471	9,438
745	437	39	774	28	58	494	16,803	394	13,932
2,577	1,497	194	4,237	96	189	2,011	38,787	1,513	22,146
3,127	1,520	157	2,279	118	213	1,454	23,905	523	13,778
157	**107**	**58**	**1,323**	**45**	**84**	**957**	**16,037**	**697**	**7,099**
14	13	42	1,094	32	59	601	12,127	571	4,052
60	30	5	59	5	9	45	254	7	121
29	19	3	52	3	5	38	665	8	269
54	45	8	119	6	12	73	2,992	111	2,663
6,615	**3,655**	**721**	**9,242**	**618**	**1,178**	**6,976**	**47,791**	**1,570**	**28,891**
274	148	78	982	70	129	833	4,075	307	2,340
516	355	138	1,906	120	225	1,410	7,940	368	4,505
131	71	15	196	13	25	153	876	30	482
280	160	18	215	15	29	159	829	22	373
2,332	1,300	205	2,331	175	338	1,757	10,994	234	5,951
752	353	58	834	47	94	607	4,970	118	3,386
506	243	42	603	33	65	397	5,797	85	4,075
723	538	112	1,340	101	189	1,097	7,412	252	4,911
1,101	487	56	835	44	84	563	4,899	153	2,870
24,313	**10,899**	**1,189**	**12,114**	**1,008**	**1,803**	**8,826**	**53,406**	**673**	**27,134**
528	343	75	872	65	117	658	3,056	25	1,403
2,541	1,813	297	2,819	257	447	2,121	12,676	157	5,956
10,838	5,104	421	4,122	356	644	2,942	18,246	222	9,623
755	519	82	783	69	124	568	3,319	38	1,584
401	170	16	156	14	24	117	520	8	235
970	659	72	674	61	109	494	2,729	31	1,255
496	42	3	57	3	4	40	404	(z)	275
1,216	526	50	509	42	74	356	2,110	25	1,005
6,568	1,723	173	2,121	141	260	1,531	10,347	168	5,799
32,937	**6,306**	**578**	**8,437**	**480**	**897**	**6,440**	**43,009**	**1,279**	**27,108**
11,659	659	81	1,209	69	121	1,005	8,305	258	5,637
7,384	1,906	158	2,307	137	261	1,877	11,162	442	7,234
6,529	1,731	166	2,589	136	260	1,954	11,683	260	7,107
2,248	522	36	389	30	54	286	1,635	40	921
1,166	615	60	887	46	85	577	4,979	66	3,229
3,951	873	77	1,057	62	115	741	5,246	214	2,980
9,974	**3,614**	**435**	**6,076**	**350**	**649**	**4,179**	**24,083**	**563**	**11,179**
5,461	2,069	262	3,148	221	401	2,300	12,771	244	6,250
699	338	59	1,065	44	85	683	4,136	147	1,648
410	178	19	288	14	26	174	1,083	25	511
2,141	681	60	1,018	45	85	668	3,673	86	1,601
1,263	348	36	558	27	51	354	2,419	61	1,169
6,359	**4,078**	**603**	**12,894**	**459**	**920**	**9,018**	**79,675**	**5,087**	**46,512**
43	41	17	468	13	25	345	3,129	659	1,987
302	284	130	3,455	101	210	2,582	21,164	1,869	12,264
220	210	55	1,472	42	87	1,096	9,397	1,278	5,758
3,009	1,600	212	3,925	161	318	2,655	26,459	780	14,524
2,755	1,920	186	3,503	140	275	2,285	19,160	488	11,775
30	23	4	71	3	6	55	366	15	204

NO. 1342. MANUFACTURES—SUMMARY

[See headnote,

Industry code [1]	INDUSTRY GROUP	1972				1977			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
27	**Printing and publishing**	**42,103**	**1,057**	**9,831**	**20,210**	**49,767**	**1,092**	**14,025**	**31,980**
271	Newspapers	8,116	349	3,166	6,220	8,867	350	4,306	9,519
272	Periodicals	2,534	67	709	2,110	2,994	70	1,020	3,763
273	Books	1,905	98	919	2,540	2,694	106	1,379	4,291
274	Misc. publishing	2,041	39	331	776	2,352	42	503	1,291
275	Commercial printing	22,282	344	3,277	5,695	26,815	356	4,702	8,551
276	Manifold business forms	667	39	344	824	795	45	575	1,492
277	Greeting card publishing	199	24	192	527	166	18	227	666
278	Blankbooks and bookbinding	1,465	52	372	887	1,492	56	579	1,149
279	Printing trades services	2,894	47	521	831	3,592	48	735	1,268
28	**Chemicals and allied products**	**11,425**	**837**	**8,731**	**32,414**	**12,173**	**880**	**13,830**	**56,721**
281	Industrial inorganic chemicals	1,049	100	1,079	3,343	1,282	110	1,847	6,487
282	Plastics materials, synthetics	461	162	1,666	4,935	551	157	2,471	7,843
283	Drugs	1,078	130	1,413	6,131	1,243	156	2,460	9,940
284	Soap, cleaners, toilet goods	2,573	112	1,058	6,201	2,528	112	1,526	9,407
285	Paints and allied products	1,599	66	647	1,792	1,579	61	883	2,821
286	Industrial organic chemicals	827	137	1,614	6,073	879	153	2,794	12,875
287	Agricultural chemicals	1,233	48	438	1,737	1,325	54	784	3,808
289	Misc. chemical products	2,605	83	814	2,203	2,786	77	1,075	3,539
29	**Petroleum and coal products**	**2,016**	**140**	**1,638**	**5,793**	**2,206**	**147**	**2,716**	**16,378**
291	Petroleum refining	323	101	1,247	4,595	349	103	2,055	14,424
295	Paving and roofing materials	1,199	30	297	846	1,297	32	481	1,272
299	Misc. petroleum and coal products	494	9	94	352	560	12	180	682
30	**Rubber and miscellaneous plastics products**	**9,237**	**618**	**5,165**	**11,653**	**11,943**	**721**	**8,536**	**19,740**
301	Tires and inner tubes	206	108	1,214	3,071	200	114	1,832	4,947
302	Rubber, plastics footwear	107	32	183	370	84	20	159	272
303	Reclaimed rubber	20	1	9	16	21	1	12	25
304	Rubber and plastics hose, belting	90	32	309	619	146	34	457	974
306	Fabricated rubber products, n.e.c.	1,116	99	809	1,573	1,280	99	1,164	2,352
307	Misc. plastics products	7,698	347	2,642	6,005	10,212	454	4,912	11,770
31	**Leather and leather products**	**3,201**	**273**	**1,589**	**2,917**	**3,075**	**243**	**1,860**	**3,719**
311	Leather tanning and finishing	517	26	200	368	465	23	255	535
313	Boot, shoe cut stock, findings	248	9	50	86	190	9	65	109
314	Footwear, except rubber	917	176	973	1,798	811	146	1,032	2,070
315	Leather gloves and mittens	106	5	22	43	101	6	34	68
316	Luggage	277	17	107	194	298	19	164	328
317	Handbags and other personal leather goods	688	34	195	345	678	32	242	472
319	Leather goods, n.e.c.	448	7	43	84	532	9	68	137
32	**Stone, clay, and glass products**	**16,015**	**623**	**5,547**	**12,587**	**17,744**	**614**	**7,943**	**19,130**
321	Flat glass	32	21	242	662	62	22	401	931
322	Glass, pressed or blown	369	119	1,058	2,341	508	117	1,548	3,592
323	Products of purchased glass	913	34	296	669	1,101	36	429	960
324	Cement, hydraulic	198	30	349	1,154	201	28	485	1,672
325	Structural clay products	775	52	391	771	711	45	486	1,058
326	Pottery and related products	620	45	335	601	934	43	460	894
327	Concrete, gypsum, plaster products	10,115	193	1,741	3,840	10,844	184	2,367	5,391
328	Cut stone and stone products	908	15	109	191	993	13	132	238
329	Misc. nonmetallic mineral products	2,085	115	1,025	2,359	2,390	126	1,635	4,395
33	**Primary metal industries**	**6,792**	**1,143**	**12,167**	**23,258**	**7,375**	**1,114**	**18,745**	**37,568**
331	Blast furnace and basic steel products	970	553	6,389	12,116	1,216	530	10,086	18,318
332	Iron and steel foundries	1,400	219	2,155	3,481	1,465	222	3,329	6,237
333	Primary nonferrous metals	177	59	627	1,706	160	57	1,032	3,619
334	Secondary nonferrous metals	381	18	170	411	460	19	270	769
335	Nonferrous rolling and drawing	903	166	1,871	3,800	1,002	177	2,640	5,902
336	Nonferrous foundries	1,841	81	722	1,289	1,892	82	1,044	1,960
339	Misc. primary metal products	1,120	25	233	476	1,180	26	345	783

For footnotes, see pp. 754 and 755.

BY INDUSTRY GROUP: 1972 TO 1982—Continued

pp. 750 and 751]

1982, prel.									
Establishments		All employees		Production workers			Value shipments (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Cost of materials (mil. dol.)
Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Hours (mil.)	Wages (mil. dol.)			
53,308	**10,860**	**1,294**	**22,687**	**713**	**1,316**	**11,287**	**85,762**	**3,247**	**31,375**
8,847	2,555	404	6,555	149	264	2,387	21,286	1,029	6,007
3,334	695	95	1,994	17	32	242	11,525	211	4,571
2,809	725	112	2,090	50	97	780	10,115	273	3,388
2,055	428	45	704	18	29	203	2,869	67	907
29,727	4,545	451	8,076	339	634	5,496	27,674	1,286	11,951
809	529	50	934	36	71	634	5,034	134	2,567
151	54	21	344	12	20	155	1,896	37	555
1,487	631	61	903	50	92	635	2,811	78	861
4,089	698	55	1,089	41	77	757	2,553	132	568
11,853	**4,756**	**866**	**20,675**	**504**	**995**	**10,464**	**170,085**	**9,080**	**91,966**
1,367	523	109	2,822	62	125	1,470	17,394	1,004	8,591
597	407	138	3,396	92	178	2,013	28,127	1,657	16,566
1,280	592	166	3,965	84	163	1,557	24,707	1,249	7,756
2,368	795	125	2,526	75	147	1,280	25,647	647	10,510
1,443	625	55	1,167	28	54	487	9,267	265	5,245
961	543	142	3,958	83	168	2,133	38,169	3,019	25,076
1,124	416	51	1,148	32	64	641	14,472	706	9,349
2,713	855	82	1,694	49	96	883	12,303	531	6,873
2,307	**845**	**151**	**4,339**	**99**	**205**	**2,613**	**209,691**	**6,666**	**185,432**
435	312	109	3,414	71	148	2,067	200,195	6,412	178,790
1,290	353	29	614	21	43	415	5,884	131	4,125
582	180	14	312	7	14	131	3,612	123	2,517
13,386	**5,952**	**680**	**11,576**	**522**	**997**	**7,685**	**55,311**	**2,215**	**27,870**
160	99	71	1,740	55	101	1,288	9,361	236	4,604
65	40	18	197	15	28	149	706	12	334
26	9	1	15	1	1	10	63	1	33
163	118	25	502	18	32	329	1,958	113	886
1,332	658	87	1,529	65	128	971	6,194	205	3,037
11,640	5,028	479	7,595	369	707	4,936	37,029	1,648	18,977
2,697	**1,310**	**201**	**2,216**	**172**	**306**	**1,625**	**9,693**	**128**	**4,881**
376	170	19	306	16	31	222	1,735	33	1,147
160	79	7	81	6	11	56	351	4	211
752	537	123	1,255	108	189	980	5,285	64	2,435
96	54	4	37	3	6	27	178	1	103
293	132	16	194	13	21	113	793	13	357
618	234	25	267	20	39	175	1,025	9	464
402	104	7	75	6	10	52	325	6	163
16,372	**4,733**	**530**	**10,068**	**408**	**795**	**7,154**	**45,071**	**2,321**	**22,051**
69	33	15	414	12	25	322	1,666	98	827
471	236	97	2,042	82	159	1,634	7,985	532	3,523
1,336	385	40	675	31	60	457	2,934	114	1,453
232	158	24	633	19	36	473	3,534	438	1,743
635	376	30	494	24	47	350	1,883	58	842
906	234	38	606	31	57	449	1,776	86	598
9,749	2,338	166	2,971	122	243	1,990	14,824	568	8,258
710	131	10	155	8	16	118	550	24	257
2,264	842	109	2,079	79	153	1,361	9,919	404	4,551
7,226	**3,914**	**854**	**20,590**	**639**	**1,167**	**14,460**	**104,855**	**4,640**	**68,768**
1,261	724	367	10,284	268	473	7,288	46,796	2,416	30,366
1,431	998	158	3,138	125	223	2,264	9,787	492	4,172
161	94	44	1,307	32	62	928	11,321	412	9,059
457	212	19	402	14	26	246	4,852	150	4,129
1,020	**735**	**165**	**3,603**	**121**	**232**	**2,429**	**25,465**	**901**	**17,948**
1,906	786	75	1,369	61	114	993	4,555	174	2,088
990	365	26	488	19	37	313	2,078	94	1,006

NO. 1342. MANUFACTURES—SUMMARY

[See headnote,

Industry code [1]	INDUSTRY GROUP	1972				1977			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
34	**Fabricated metal products**	**29,525**	**1,493**	**13,821**	**26,946**	**33,712**	**1,556**	**21,036**	**45,512**
341	Metal cans, shipping containers	553	79	840	2,005	587	72	1,247	3,644
342	Cutlery, handtools, hardware	1,904	159	1,405	3,253	2,137	169	2,179	5,177
343	Plumbing and heating, exc. electric	757	61	524	1,132	1,015	59	637	1,574
344	Fabricated structural metal products	10,351	395	3,532	6,743	11,817	426	5,492	11,785
345	Screw machine products, bolts, etc	2,482	101	948	1,845	2,627	105	1,414	2,864
346	Metal forgings, stampings	3,188	264	2,791	5,057	3,715	288	4,511	8,913
347	Metal services, n.e.c	4,761	82	824	1,120	5,095	94	1,009	1,963
348	Ordnance and accessories, n.e.c	315	110	1,015	1,507	346	70	992	1,737
349	Misc. fabricated metal products	5,214	244	2,142	4,283	6,373	279	3,556	7,855
35	**Machinery, exc. electrical**	**40,792**	**1,828**	**18,523**	**37,563**	**48,200**	**2,083**	**30,558**	**67,223**
351	Engines and turbines	253	116	1,320	2,900	315	130	2,238	4,960
352	Farm and garden machinery	1,658	125	1,211	2,701	2,159	151	2,197	5,490
353	Construction and related machinery	2,517	275	2,856	5,962	3,229	333	5,097	11,836
354	Metalworking machinery	9,652	268	2,859	4,902	10,630	298	4,514	8,747
355	Special industry machinery	3,685	190	1,854	3,732	4,090	185	2,616	5,271
356	General industrial machinery	3,863	262	2,585	5,020	4,947	314	4,451	9,673
357	Office and computing machines	995	208	2,277	4,905	1,317	259	3,949	9,921
358	Refrigeration, service machinery	1,769	198	1,864	4,427	2,114	192	2,516	5,963
359	Misc. machinery, except electrical	16,400	184	1,697	3,016	19,399	223	2,980	5,362
36	**Electric and electronic equipment**	**12,270**	**1,662**	**15,189**	**30,558**	**14,973**	**1,723**	**22,544**	**50,366**
361	Electric distributing equipment	784	116	1,040	2,060	947	115	1,431	3,336
362	Electrical industrial apparatus	1,510	188	1,665	3,218	1,646	198	2,543	5,614
363	Household appliances	645	163	1,369	3,563	666	162	1,898	5,276
364	Electric lighting and wiring equipment	1,897	177	1,414	3,277	2,009	165	1,925	4,741
365	Radio and TV receiving equipment	939	107	798	2,183	1,290	98	1,097	3,078
366	Communication equipment	1,976	454	4,912	8,453	2,385	459	6,995	14,130
367	Electronic components, accessories	2,867	336	2,869	5,306	4,455	374	4,557	9,260
369	Misc. electrical equipment, supplies	1,652	120	1,121	2,498	1,575	152	2,098	4,930
37	**Transportation equipment**	**8,802**	**1,719**	**19,880**	**39,799**	**10,176**	**1,768**	**30,673**	**64,291**
371	Motor vehicles and equipment	3,391	808	9,461	22,056	4,294	876	16,038	37,023
372	Aircraft and parts	1,094	439	5,282	9,124	1,173	431	7,621	14,732
373	Ship and boat building and repairing	2,232	185	1,704	2,398	2,795	220	2,940	4,681
374	Railroad equipment	163	51	529	1,113	201	56	889	1,883
375	Motorcycles, bicycles, parts	222	18	140	315	350	16	169	370
376	Guided missiles, space vehicles	147	160	2,317	3,969	109	120	2,427	4,422
379	Misc. transportation equipment	1,553	59	448	824	1,314	49	591	1,181
38	**Instruments and related products**	**5,983**	**453**	**4,286**	**10,580**	**7,481**	**559**	**7,520**	**18,762**
381	Engineering, scientific instruments	743	37	365	681	786	42	584	1,287
382	Measuring and control devices	1,611	153	1,437	2,724	2,079	200	2,666	5,242
383	Optical instruments and lenses	494	19	193	384	545	30	421	897
384	Medical instruments and supplies	1,807	91	758	1,821	2,355	114	1,319	3,262
385	Ophthalmic goods	499	27	183	416	634	30	314	656
386	Photographic equip. and supplies	627	96	1,120	4,088	780	112	1,900	6,732
387	Watches, clocks, and watchcases	202	31	230	466	302	32	317	685
39	**Misc. manufacturing**	**15,187**	**446**	**3,180**	**6,769**	**17,259**	**441**	**4,406**	**10,291**
391	Jewelry, silverware, and plated ware	2,296	53	425	851	3,118	61	638	1,449
393	Musical instruments	344	25	173	339	450	25	253	488
394	Toys and sporting goods	2,460	133	881	1,999	2,910	119	1,112	3,000
395	Pens, office and art goods	966	32	244	557	987	32	331	868
396	Costume jewelry and notions	1,482	50	323	720	1,514	51	451	1,002
399	Misc. manufactures	7,639	153	1,134	2,303	8,280	152	1,623	3,485
(X)	**Administrative and auxiliary** [6]	**8,039**	**994**	**13,772**	(X)	**9,171**	**1,074**	**21,981**	(X)

NA Not available. X Not applicable. Z Less than $500,000. [1] Standard Industrial Classification Code; see text, pp. 743 and 744. [2] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March. [3] See footnote 6, table 1337. [4] Includes expenditures for plants in operation and plants under construction but not yet in operation.

BY INDUSTRY GROUP: 1972 TO 1982—Continued

pp. 750 and 751]

1982, prel.									
Establishments		All employees		Production workers			Value of shipments (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Cost of materials (mil. dol.)
Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Hours (number)	Wages (mil. dol.)			
35,326	**13,534**	**1,450**	**28,106**	**1,066**	**2,057**	**18,339**	**118,484**	**3,844**	**58,856**
554	396	58	1,504	48	95	1,181	11,951	267	7,560
2,219	934	140	2,571	106	200	1,713	10,049	333	3,942
1,166	392	47	805	34	63	493	3,914	96	1,883
12,618	4,638	421	7,893	300	586	4,954	34,854	751	18,883
2,653	1,076	92	1,694	69	132	1,125	5,736	211	2,372
4,003	1,883	236	5,103	183	353	3,644	20,045	1,017	10,136
5,051	1,391	96	1,500	77	151	1,024	5,019	198	2,175
338	151	78	1,762	50	94	928	4,801	133	1,536
6,722	2,673	281	5,274	200	385	3,278	22,112	839	10,368
52,736	**14,161**	**2,177**	**46,644**	**1,347**	**2,576**	**24,904**	**187,601**	**8,481**	**83,822**
335	204	111	2,806	70	131	1,637	12,917	481	6,555
2,081	707	114	2,388	75	138	1,406	13,222	393	6,602
3,901	1,843	325	7,325	197	363	3,967	31,950	1,666	15,532
10,980	2,636	283	6,066	198	384	3,868	18,119	702	6,291
4,195	1,624	183	3,753	107	211	1,931	13,518	409	5,937
4,953	2,010	309	6,403	195	368	3,598	24,099	903	10,246
2,199	1,097	405	9,466	172	337	2,883	43,563	2,773	20,079
1,947	903	172	3,362	117	218	2,036	16,230	425	8,158
22,145	3,137	275	5,075	216	427	3,579	13,983	729	4,424
16,407	**7,803**	**1,925**	**38,714**	**1,201**	**2,275**	**19,370**	**148,877**	**7,587**	**63,593**
938	497	105	1,994	73	135	1,178	8,168	220	3,380
1,970	1,010	193	3,742	126	238	2,088	13,947	679	5,771
627	329	129	2,222	98	180	1,532	12,674	302	6,722
2,001	984	160	2,730	118	219	1,746	12,104	341	5,333
1,023	304	64	1,134	46	87	695	7,776	170	4,538
2,726	1,471	608	14,171	316	601	5,868	46,676	2,334	18,475
5,438	2,455	515	9,760	324	625	4,639	34,495	3,002	13,591
1,684	753	150	2,961	100	191	1,624	13,038	538	5,783
9,358	**3,759**	**1,618**	**41,181**	**1,070**	**2,056**	**24,514**	**202,769**	**7,306**	**120,250**
3,839	1,736	616	15,441	486	924	11,575	111,967	4,281	77,354
1,463	724	561	15,025	299	578	7,063	53,779	1,743	26,610
2,570	765	207	4,378	163	323	3,233	13,492	505	5,898
195	103	34	798	23	39	477	3,461	144	1,773
266	65	13	221	10	18	163	1,215	20	790
105	85	145	4,466	59	119	1,470	14,379	473	4,995
920	281	42	854	30	56	533	4,476	141	2,831
8,002	**2,992**	**622**	**12,837**	**362**	**693**	**5,896**	**51,696**	**2,109**	**17,739**
776	277	43	878	27	51	444	3,179	108	1,036
2,467	1,044	224	4,574	122	231	1,917	14,480	592	4,543
636	290	51	1,031	26	51	432	3,557	145	1,368
2,697	890	141	2,498	94	180	1,278	10,863	453	3,888
404	124	27	430	18	36	222	1,358	43	398
793	284	119	3,182	64	123	1,454	17,092	754	5,823
229	83	17	245	12	22	149	1,168	15	682
15,762	**3,551**	**382**	**5,642**	**280**	**523**	**3,406**	**26,936**	**682**	**12,747**
2,826	501	50	764	35	64	444	4,353	55	2,563
447	139	18	268	14	27	179	946	20	429
2,531	775	99	1,393	74	137	835	8,338	197	3,678
1,024	266	32	484	24	45	302	2,371	75	1,128
1,350	373	41	522	32	61	330	2,061	63	892
7,584	1,497	142	2,211	102	188	1,316	8,868	272	4,056
9,724	**5,804**	**1,286**	**3,864**	**(x)**	**(x)**	**(x)**	**(x)**	**(x)**	**(x)**

[5] Total number of establishments does not include data for industry 2092 (fresh or frozen packaged fish). [6] Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishment of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977, General Summary*, MC72(1)-1 and MC77(1)-1 and *1982 Census of Manufactures, Preliminary Report.*

No. 1343. Value of Manufactures Shipments and Inventories—Selected Industries: 1977 to 1983

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series P 74–79]

SIC [1] code	INDUSTRY	1977	1978	1979	1980	1981	1982	1983
(x)	**Shipments, total**	**1,358.4**	**1,522.9**	**1,727.2**	**1,852.7**	**2,017.5**	**1,910.3**	**2,047.4**
(x)	**Durable goods industries** [2]	**711.2**	**814.2**	**912.7**	**930.6**	**1,006.5**	**922.3**	**1,021.5**
32	Stone, clay, and glass products	35.5	41.7	46.0	46.1	48.0	44.0	49.1
33	Primary metals	103.2	118.1	137.4	133.9	141.9	107.0	117.9
34	Fabricated metal products	90.0	101.3	113.6	116.2	123.7	114.0	120.6
35	Machinery, exc. electrical [2]	122.2	143.2	166.5	180.7	201.5	180.6	178.3
351	Engines and turbines	10.4	12.4	13.2	13.7	15.3	12.8	12.2
352	Farm machinery and equipment	11.9	11.9	15.5	15.1	16.0	11.8	10.6
353	Construction, mining, and material handling equipment	23.7	28.9	31.5	33.6	39.0	34.5	28.4
357	Office and computing machines	16.8	21.0	26.6	32.4	37.8	40.4	46.0
36	Electrical machinery [2]	88.4	100.5	116.0	128.6	140.2	141.1	156.0
361–2	Elec. transmission and distribution	15.4	17.9	20.0	21.3	23.4	21.9	21.9
363	Household appliances	10.7	11.5	12.7	12.9	13.1	12.1	14.9
365	Radio and TV	6.9	7.9	8.1	8.5	8.8	7.8	8.6
366	Communication equipment	22.7	25.7	30.3	36.0	40.3	44.5	48.6
367	Electronic components	15.4	17.9	22.7	27.8	30.4	31.3	35.3
37	Transportation equipment [2]	167.0	188.8	201.6	186.5	205.2	195.1	240.5
371	Motor vehicles and parts	117.7	132.0	131.4	104.6	117.0	112.2	151.9
372, 5	Aircraft, missiles, and parts	32.5	37.5	48.3	58.5	64.8	63.6	70.9
38	Instruments and related products [2]	28.9	33.7	37.7	44.1	48.3	48.9	50.0
381–4	Scientific and engineering equipment	16.4	19.2	21.6	25.6	28.7	28.0	29.3
386	Photographic goods	9.9	11.5	13.4	15.9	16.9	18.6	18.4
(x)	**Nondurable goods industries** [2]	**647.2**	**708.7**	**814.5**	**922.1**	**1,011.1**	**988.0**	**1,025.9**
20	Food and kindred products [2]	192.9	216.0	236.0	256.2	272.1	277.3	286.6
201	Meat products	46.3	55.6	61.6	63.0	65.9	66.2	66.8
207	Fats and oils	14.5	16.2	17.7	18.2	17.9	15.4	16.5
208	Beverages	23.9	26.6	29.3	33.0	36.1	40.3	41.7
21	Tobacco products	9.1	10.0	10.6	12.2	13.1	14.5	15.5
22	Textile mill products	40.6	42.3	45.1	47.3	50.3	47.2	52.2
26	Paper and allied products [2]	52.1	57.0	65.2	72.8	80.2	79.0	85.1
261–3, 6	Paper, pulp, paperboard mill products	22.3	24.0	28.0	31.8	35.1	33.5	36.3
265	Paperboard containers	13.4	14.5	16.0	17.2	19.0	18.4	19.1
28	Chemicals and allied products [2]	116.2	129.4	147.7	162.5	180.5	172.8	190.2
281	Industrial inorganic chemicals	41.5	44.8	52.3	57.3	62.7	55.8	59.2
283–4	Drugs, soaps, toiletries	30.6	34.2	36.7	41.9	46.9	46.6	50.4
29	Petroleum and coal products	97.5	103.9	148.4	198.7	224.1	206.4	191.6
30	Rubber and plastics products	39.6	43.2	46.8	47.3	53.2	50.2	50.3
(x)	**Inventories total (Dec. 31)**	**188.4**	**209.1**	**239.1**	**261.7**	**279.5**	**262.0**	**257.6**
(x)	**Durable goods industries** [2]	**120.4**	**136.3**	**158.5**	**172.2**	**183.6**	**172.6**	**169.0**
32	Stone, clay, and glass products	4.3	4.8	5.4	5.8	6.3	5.8	5.6
33	Primary metals	18.5	19.6	22.6	23.1	25.7	21.5	19.2
34	Fabricated metal products	15.3	17.0	18.9	19.2	19.9	17.3	17.4
35	Machinery, exc. electrical [2]	27.2	31.5	36.6	40.3	43.0	39.7	36.3
351	Engines and turbines	2.2	2.4	2.6	2.6	2.8	2.4	2.0
352	Farm machinery and equipment	2.5	2.5	2.9	2.9	2.7	2.1	1.9
353	Construction, mining, and material handling equipment	6.2	7.3	8.1	9.2	9.9	9.1	7.1
357	Office and computing machines	3.9	5.0	6.8	8.4	9.2	9.4	9.8
36	Electrical machinery [2]	16.1	18.6	22.6	25.4	27.8	26.1	27.7
361–2	Elec. transmission and distribution	3.0	3.5	4.0	4.1	4.6	4.1	4.0
363	Household appliances	1.7	1.8	1.8	1.8	2.0	1.7	2.0
365	Radio and TV	1.0	1.2	1.2	1.3	1.4	1.0	1.0
366	Communication equipment	4.7	5.5	7.3	8.8	9.9	9.9	11.0
367	Electronic components	2.8	3.3	4.4	5.4	5.7	5.6	5.6
37	Transportation equipment [2]	22.2	25.7	31.1	35.3	37.0	39.9	40.0
371	Motor vehicles and parts	9.1	10.1	10.7	9.6	8.9	6.2	9.3
372, 6	Aircraft, missiles, and parts	10.1	12.1	16.4	21.7	24.1	28.5	27.7
38	Instruments and related products [2]	5.8	6.7	7.7	8.8	9.4	9.0	8.8
381–4	Scientific and engineering equipment	3.8	4.5	5.2	6.0	6.4	6.4	5.9
386	Photographic goods	1.5	1.6	1.9	2.2	2.4	2.0	2.0
(x)	**Nondurable goods industries** [2]	**68.1**	**72.8**	**80.6**	**89.5**	**95.8**	**89.4**	**88.6**
20	Food and kindred products [2]	17.0	18.7	20.6	22.4	22.1	21.3	21.4
201	Meat products	1.4	1.7	1.8	2.0	1.9	1.9	2.0
207	Fats and oils	1.5	1.7	2.0	2.0	1.6	1.4	2.0
208	Beverages	2.9	3.4	3.6	3.8	3.8	3.6	3.3
21	Tobacco products	3.7	3.8	3.6	3.9	4.6	4.7	4.1
22	Textile mill products	5.5	5.8	6.0	6.5	6.7	5.1	6.8
26	Paper and allied products [2]	5.6	6.0	6.8	7.7	8.5	8.5	8.6
261–3, 6	Paper, pulp, paperboard mill products	2.1	2.1	2.4	2.9	3.2	3.4	3.3
265	Paperboad containers	1.6	1.7	1.9	1.9	2.3	2.2	2.3
28	Chemicals and allied products [2]	14.8	15.7	17.3	19.6	22.0	19.8	19.5
281	Industrial inorganic chemicals	4.8	4.9	5.4	6.5	7.3	6.1	5.8
283–4	Drugs, soaps, toiletries	4.2	4.8	5.4	5.9	6.4	6.2	6.1
29	Petroleum and coal products	5.7	5.4	7.7	9.9	10.6	9.3	8.1
30	Rubber and plastics products	5.0	5.4	6.0	6.0	6.5	5.7	5.6

X Not applicable. [1] Standard Industrial Classification. [2] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports, Manufactures' Shipments, Inventories, and Orders: 1977–1983*, series M3-113.

No. 1344. Index of Manufacturing Capacity and Relation of Output to Capacity: 1950 to 1984

[**1967 output=100.** Annual figures are averages of quarterly data. Capacity represents estimated quantity of output, relative to output in 1967, which the *current* stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	Index of capacity	Relation of output to capacity (percent)			YEAR	Index of capacity	Relation of output to capacity (percent)		
		All manufacturing	Primary processing	Advanced processing			All manufacturing	Primary processing	Advanced processing
1950	54	83	89	80	1974	155	84	88	82
1955	67	87	92	84	1975	160	73	74	73
1960	82	80	80	80	1976	164	80	82	78
1965	100	90	91	89	1977	168	82	85	81
1967	115	87	86	88	1978	173	85	88	83
1968	122	87	88	87	1979	179	86	90	84
1969	129	86	89	85	1980	184	80	80	79
1970	134	80	83	78	1981	189	79	81	79
1971	138	79	82	76	1982	193	71	69	72
1972	142	84	88	81	1983	197	75	76	75
1973	148	88	92	85	1984: 1st qtr	200	81	82	80
					2nd qtr	201	82	82	81

Source: Board of Governors of the Federal Reserve System, *Capacity Utilization In Manufacturing, Mining, Utilities, and Industrial Materials*, G.3., August 1984. (Based on data from Federal Reserve Board, U.S. Dept. of Commerce, U.S. Bureau of Labor Statistics, and McGraw-Hill Information Systems Company, New York, NY; and other sources.)

No. 1345. Manufacturers' Shipments, Inventories, and Orders: 1950 to 1983

[**In billions of dollars, except ratio.** See also *Historical Statistics, Colonial Times to 1970*, series P 74-92]

YEAR	Shipments, total	Inventories, total (Dec. 31)	Ratio of inventories to shipments [1]	New orders, total	Unfilled orders, total (Dec. 31)	YEAR	Shipments, total	Inventories, total (Dec. 31)	Ratio of inventories to shipments [1]	New orders, total	Unfilled orders, total (Dec. 31)
1950	223.6	31.5	1.41	242.1	41.2	1967	557.8	84.4	1.71	564.7	104.0
1951	260.6	39.2	1.78	286.7	66.9	1968	602.7	90.2	1.76	608.2	109.5
1952	270.3	41.5	1.71	278.5	75.5	1969	642.0	97.7	1.81	647.4	114.9
1953	298.1	44.2	1.90	283.0	60.3	1970	633.7	101.2	1.91	624.5	105.7
1954	280.3	41.8	1.71	268.0	48.2	1971	670.9	102.3	1.76	671.8	106.6
1955	317.8	45.2	1.63	329.6	60.0	1972	756.3	107.9	1.58	770.1	120.4
1956	332.9	50.7	1.74	340.4	67.5	1973	875.2	124.3	1.63	912.7	157.9
1957	344.8	51.9	1.90	330.7	53.3	1974	1,017.5	157.6	1.86	1,046.9	187.3
						1975	1,039.1	159.8	1.77	1,022.6	170.9
1958	327.0	50.0	1.75	324.1	46.8						
1959	363.4	52.7	1.68	366.8	52.1	1976	1,165.6	174.9	1.66	1,194.4	179.7
1960	370.5	53.6	1.79	362.9	44.5	1977	1,358.4	188.4	1.58	1,380.4	201.7
1961	371.1	54.7	1.67	373.3	46.7	1978	1,522.9	209.1	1.55	1,578.6	257.4
1962	400.3	58.1	1.76	401.2	47.6	1979	1,727.2	239.1	1.61	1,766.8	299.0
1963	420.7	59.9	1.66	426.4	53.3	1980	1,852.7	261.7	1.61	1,873.9	320.2
1964	448.0	63.3	1.62	460.1	65.4	1981	2,017.5	279.5	1.74	2,013.1	315.8
1965	491.9	68.0	1.58	505.3	78.8	1982	1,910.3	262.0	1.71	1,886.7	294.1
1966	538.4	77.7	1.70	556.8	97.2	1983	2,047.4	257.6	1.40	2,081.2	327.9

[1] Ratio based on December seasonally adjusted data.

Source: U.S. Bureau of the Census, *Current Industrial Reports, Manufacturers' Shipments, Inventories, and Orders: 1977-1983*, series M3-1.13, and unpublished data.

No. 1346. Finances of Manufacturing Corporations: 1965 to 1983

[**In billions of dollars.** See tables 909 and 910 for individual industry data]

ITEM	1965	1970	1972	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Net sales	492	709	850	1,061	1,065	1,203	1,328	1,496	1,742	1,897	2,145	2,039	2,114
Net operating profit	46	50	66	84	77	97	107	122	135	129	144	105	125
Net profit:													
Before taxes	47	48	63	92	80	105	115	133	154	145	158	108	133
After taxes	28	29	36	59	49	65	70	81	99	92	101	71	86
Cash dividends	12	15	16	19	20	23	27	29	32	36	40	41	42
Net income retained in business	16	14	20	39	29	42	44	52	66	58	61	30	44

Source: Through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census. *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations*, first quarter report of year subsequent to reported year.

NO. 1347. OPERATING MANUFACTURING ESTABLISHMENTS—SELECTED DATA, BY LEGAL FORM OF ORGANIZATION: 1977

[For establishment coverage, see text, p. 744. See also *Historical Statistics, Colonial Times to 1970*, series P 205-211]

FORM OF ORGANIZATION	Establishments [1] (1,000)	ALL EMPLOYEES		PRODUCTION WORKERS		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new (mil. dol.)
		Total [2] (1,000)	Payroll (mil. dol.)	Total [2] (1,000)	Wages (mil. dol.)		
Corporate	284.2	19,114	259,306	13,302	153,891	574,113	46,249
Noncorporate, total [4]	75.7	476	4,707	389	3,273	11,052	1,210
Individual proprietorship	52.3	202	1,840	174	1,322	3,961	300
Partnership	18.3	123	1,213	100	829	2,681	206

[1] Includes administrative offices and auxiliary units. [2] For method of calculation, see text, p. 743. [3] For definition, see footnote 6, table 1337. [4] Includes forms of organization not shown separately.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, vol. I, and special report, *Type of Organization*, MC 77(SR)-3.

NO. 1348. MANUFACTURES—SUMMARY, BY EMPLOYEE SIZE-CLASS: 1977

ITEM	All establishments	ESTABLISHMENTS WITH TOTAL EMPLOYEES—					PERCENT DISTRIBUTION				
		Under 20	20-99	100-249	250-999	1,000 and over	Under 20	20-99	100-249	250-999	1,000 and over
Establishments [1] (1,000)	351	237	78	22	12	2	67.5	22.3	6.1	3.4	.6
Employees [1] (1,000)	18,515	1,206	3,490	3,336	5,393	5,091	6.5	18.8	18.0	29.1	27.5
Payroll [1] (mil. dol.)	242,032	13,712	38,690	37,772	66,248	85,609	5.7	16.0	15.6	27.4	35.4
Value added [2] (mil. dol.)	585,166	30,081	89,829	92,232	172,607	200,417	5.1	15.4	15.8	29.5	34.2
Shipments [3] (mil. dol.)	1,358,526	29,922	211,422	220,465	404,763	456,596	2.2	15.6	16.2	29.8	33.6

[1] Excludes administrative offices and auxiliary units. [2] For definition, see footnote 6, table 1337. [3] Individual size-class data do not add to total because they were derived from separate tabulations. See footnote 7, table 1337.

NO. 1349. MANUFACTURING EMPLOYMENT, 1963 TO 1981, AND VALUE ADDED, 1963 TO 1980—PERCENT DISTRIBUTION, BY GEOGRAPHIC DIVISIONS

[For composition of regions, see fig. I, inside front cover. For definition of "value added," see table 1337]

REGION	EMPLOYMENT							VALUE ADDED					
	1963	1967	1972	1977	1978	1980	1981	1963	1967	1972	1977	1978	1980
Northeast	32.4	30.7	27.9	25.8	25.1	25.4	25.3	29.8	29.1	26.3	23.7	23.4	24.2
Midwest	32.4	32.9	32.2	31.9	31.8	29.8	29.3	35.4	35.0	34.9	34.4	34.3	31.1
South	22.9	24.2	27.5	28.3	28.6	29.2	29.8	21.5	22.7	25.5	27.4	27.4	28.5
West	12.3	12.2	12.4	13.9	14.4	15.5	15.6	13.3	13.0	13.4	14.5	14.8	16.2

Source of tables 1348 and 1349: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972* and *1977: General Summary*, MC(1)-1; and *Annual Survey of Manufactures*.

NO. 1350. CAPITAL IN MANUFACTURING ESTABLISHMENTS: 1970 TO 1983

[**In billions of dollars, except percent.** Minus sign (−) indicates decline. Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the census of manufactures, the Annual Survey of Manufactures, and the inventory investment component of GNP. For details, see source. See *Historical Statistics, Colonial Times to 1970*, series P 107-122, for single-year figures prior to revisions issued in 1981]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Purchases of equipment and structures	23.8	39.8	77.2	82.3	72.8	68.1	25.9	30.4	42.7	42.8	37.0	34.9
Percent equipment	73.3	79.4	78.3	78.0	74.7	80.0	71.6	80.6	81.3	80.9	78.1	83.2
Depreciation (straight line) [1]	18.9	31.6	58.0	65.7	71.4	74.7	20.4	24.0	31.3	33.0	34.5	35.6
Percent equipment	73.6	73.6	77.0	78.3	79.1	79.3	72.4	75.1	79.7	80.5	81.0	81.4
Net investment [2]	4.9	8.2	19.2	16.6	1.4	−6.6	5.5	6.4	11.4	9.8	2.5	−.7
Net stock, end of year [1]	299.6	509.1	921.1	999.7	1,008.4	1,011.9	315.1	359.8	432.9	445.3	439.7	436.0
Equipment and structures	191.2	319.3	579.7	636.4	665.0	672.4	202.2	232.7	287.0	297.2	300.3	300.1
Percent equipment	58.7	62.1	65.1	66.6	66.3	66.4	57.3	62.0	67.5	68.0	67.8	68.1
Inventories	108.4	189.8	341.4	363.3	343.4	339.5	112.9	127.1	145.9	148.1	139.4	135.9

[1] *Depreciation* and net stock estimates are derived using the perpetual inventory method and assuming, in general, service lives of 85 percent of those shown in Internal Revenue Service's Bulletin F, and the straight-line depreciation formula. [2] Represents the difference between purchases and depreciation.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business*, October 1982 and August 1983 and 1984.

No. 1351. Large Manufacturing Companies—Adequacy of Capital Facilities to Meet Current Demand: 1965 to 1983

[**Percent distribution.** As of **July.** Number of companies weighted by company assets. Based on replies to the question: In view of the current rate of order bookings and customer inquiries, are your plant-and-equipment facilities now Inadequate, Sufficient, or More than adequate? as part of a quarterly survey conducted among the 1,000 largest manufacturing companies as listed by total assets]

YEAR	Inadequate	Sufficient	More than adequate	YEAR	Inadequate	Sufficient	More than adequate
1965	31	67	2	1975	19	43	38
1966	47	51	2	1976	18	65	17
1967	33	62	5	1977	20	66	14
1968	26	72	2	1978	20	62	18
1969	37	59	4	1979	20	69	11
1970	28	60	12	1980	12	57	31
1971	18	59	23	1981	9	51	40
1972	16	71	13	1982	8	45	47
1973	45	53	2	1983	6	48	46
1974	57	40	3				

Source: The Conference Board, New York, NY, *Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing.* (Copyright.)

No. 1352. Large Manufacturing Companies—Capital Appropriations and Expenditures, by Industry: 1970 to 1983

[**In millions of dollars.** Based on reports submitted by companies responding to The Conference Board's *Quarterly Survey of Capital Appropriations.* This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets. **Appropriations:** Authorizations by management to spend funds for new plant and equipment; **Expenditures:** Cost of new plant and equipment]

ITEM AND YEAR	Total	Food and beverages	Paper and allied products	Chemicals and allied products	Petroleum and coal products	Primary iron and steel	Electrical machinery and equip.	Machinery, except electrical	Motor vehicles and equipment	Other manufacturing
Appropriations: 1970	25,337	1,587	1,034	3,036	5,704	1,534	2,584	3,098	1,276	5,484
1975	45,034	3,573	1,902	7,466	13,986	3,102	1,978	3,748	1,015	8,264
1976	50,034	3,834	1,585	7,906	11,231	2,897	2,853	5,001	3,517	11,210
1977	63,420	4,966	2,648	7,854	17,527	2,516	3,189	5,105	5,268	14,347
1978	67,156	4,898	2,795	7,759	15,142	3,083	4,421	6,306	6,981	15,771
1979	88,519	6,640	3,979	10,725	19,526	3,559	5,859	10,236	8,129	19,866
1980	104,631	6,603	3,576	12,170	32,875	2,889	6,544	9,368	7,110	23,496
1981	106,956	5,772	5,010	12,019	36,904	5,210	5,787	12,700	3,489	20,065
1982	87,544	5,792	4,006	9,476	31,524	1,563	6,663	8,710	3,915	15,895
1983	88,180	5,909	3,231	10,002	25,718	2,113	8,669	7,909	5,807	18,622
Expenditures: 1970	26,321	1,598	1,046	3,143	5,559	1,746	2,408	3,093	1,689	6,039
1975	45,557	3,081	1,905	7,172	11,907	3,552	2,227	4,014	1,808	9,891
1976	47,055	3,666	2,073	7,486	12,551	3,552	2,445	4,442	1,701	9,139
1977	52,498	3,882	1,825	7,545	14,350	3,048	3,064	4,747	3,321	10,716
1978	58,356	4,217	2,140	7,797	14,495	2,671	3,668	5,445	4,508	13,415
1979	73,126	5,037	3,018	9,309	16,876	3,243	4,918	8,400	5,335	16,990
1980	88,209	6,014	3,859	10,918	22,228	3,458	6,271	9,826	5,555	20,080
1981	101,341	6,744	3,746	11,785	31,578	3,405	6,069	11,289	6,688	20,037
1982	98,614	5,802	3,653	11,180	33,317	3,545	6,354	10,906	5,610	18,247
1983	75,710	5,426	3,357	9,340	20,441	2,136	6,964	7,768	4,007	16,271

Source: The Conference Board, New York, NY, *Quarterly Survey of Capital Appropriations.* (Copyright.)

No. 1353. U.S. Share of World Exports of Manufactures: 1960 to 1983

[World exports=exports from 15 major trading countries: United States, Austria, Belgium-Luxembourg, Canada, Denmark, France, Fed. Rep. of Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and United Kingdom Percents are calculated from the values of exports of the six commodity groups from each of the 15 countries. Percentage shares are based on values excluding shipments to the United States and are based on current exchange rates. Beginning 1978, detail for all countries except Canada and Japan are reported according to Revision 2 instead of Revision 1 of the United Nations Standard International Trade Classification (SITC). Canadian data are reported according to Revision 2 beginning 1979]

YEAR	U.S. EXPORTS [1]		PRODUCT CATEGORY	U.S. MANUFACTURES EXPORTS [1]									
	Total (bil. dol.)	Percent of world exports		Total (bil. dol.)					Percent of world exports				
				1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
			Total	**116.7**	**144.0**	**154.3**	**139.7**	**132.4**	**17.3**	**18.3**	**20.6**	**19.8**	**19.4**
1960	12.7	25.3	Nonelectrical machinery	33.2	41.9	47.6	44.2	38.6	23.9	25.1	28.9	28.4	25.6
1965	17.3	22.5	Transport equipment	25.8	28.8	32.8	27.8	28.3	22.7	23.2	24.7	22.1	23.6
1970	29.4	21.1	Chemicals	17.3	20.7	21.2	19.9	19.8	17.9	18.8	20.6	20.2	19.8
1975	71.0	19.1	Electrical machinery	11.6	13.9	15.4	15.2	15.7	18.5	19.2	21.6	22.2	22.8
1976	77.2	18.8	Basic manufactures [2]	16.2	22.3	20.6	16.7	14.9	9.1	10.6	11.5	10.1	9.4
1977	80.2	17.3	Misc. articles [3]	12.6	16.3	16.7	16.0	15.2	15.1	16.3	17.4	17.2	16.7
1978	94.5	17.0											

[1] Represents manufactures exports. Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition. [2] Includes semimanufactures of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished products of metal. [3] Includes mainly nondurable consumer goods and professional and scientific instruments.

Source: U.S. Dept. of Commerce, International Trade Administration, *Business America,* biweekly, and *Market Share Reports,* annual.

No. 1354. Employment Related to Manufactured Exports by Industry: 1976 to 1981

[Total employment related to manufactured exports is the sum of employment directly calculated for the plants shipping the exported product, the supplying industries and service organizations and the central administrative offices and auxiliaries. For manufacturing industries, employment is limited to paid employees in manufacturing plants, while for nonmanufacturing it includes an estimate for working proprietors and partners]

INDUSTRY	1976			1977			1980			1981		
	Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports	
		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment
U.S.	**86,892**	**3,452**	**4.0**	**89,369**	**3,258**	**3.6**	**100,275**	**4,808**	**4.8**	**101,721**	**4,794**	**4.7**
Manufacturing	18,753	2,125	11.3	19,590	1,990	10.2	20,662	2,639	12.8	[1] 20,261	2,604	12.9
Nonmfg	*68,139*	*1,327*	*1.9*	*69,779*	*1,268*	*1.8*	*79,613*	*2,170*	*2.7*	*81,460*	*2,190*	*2.7*
Trade	16,025	489	3.1	16,653	489	2.9	19,737	845	4.3	19,937	926	4.6
Business serv.	12,851	256	2.0	16,750	215	1.3	17,245	575	3.3	17,641	546	3.1
Transp.[2]	4,584	192	4.2	4,797	185	3.9	6,369	305	4.8	5,803	259	4.5
Agriculture	3,403	137	4.0	3,044	129	4.2	3,225	144	4.5	3,297	147	4.5
Mining	688	35	5.1	747	34	4.6	947	69	7.3	1,157	80	6.9
Other	30,588	218	.7	27,788	216	.8	32,090	233	.7	33,625	232	.7

[1] See footnote 1, table 1356. [2] Includes communications and utilities.

No. 1355. Exports and Export-Related Employment of Manufacturing Establishments, 1963 to 1981, and by Industry, 1981

[The export-related employment data shown do not include the jobs involved in the export of nonmanufactured goods and various services sold to foreign buyers. Thus, jobs in the manufacturing sector that relate to the export of nonmanufactured goods are excluded from the estimates. In addition, all of the indirect exports being reported are domestically produced, that is, they exclude imports. See source for further details on methodology]

SIC code	INDUSTRY GROUP	MANUFACTURER'S SHIPMENT VALUE					MANUFACTURING EMPLOYMENT				
		Total [1] (bil. dol.)	Export related			Export related as percent of shipments	Total [4] (1,000)	Export related			Export related as percent of total employment
			Total (bil. dol.)	Direct exports[2] (bil. dol.)	Supporting exports[3] (bil. dol.)			Total [4] (1,000)	Direct exports[5] (1,000)	Supporting exports[4 6] (1,000)	
(X)	1963	420.5		16.5		3.9	16,958		(NA)		(NA)
(X)	1971	671.0		33.1		4.9	18,369		746		4.1
(X)	*1972*	756.5		36.7		4.9	19,027		770		4.0
(X)	1976	1,185.7	137.7	83.1	54.1	7.0	18,753	2,125	1,173	952	11.3
(X)	1977	1,358.4	142.4	85.8	56.6	10.4	19,590	1,990	1,106	884	10.2
(X)	1980	1,852.7	249.8	151.2	98.6	13.5	20,647	2,639	1,486	1,153	12.8
(X)	**1981, total**	**2,017.5**	**271.7**	**164.3**	**107.4**	**13.4**	**20,264**	**2,604**	**1,486**	**1,118**	**12.9**
20	Food and kindred products	272.1	17.7	12.1	5.5	6.4	1,511	76	46	31	5.0
21	*Tobacco products*	13.1	2.8	2.1	.7	21.4	61	12	9	3	18.9
22	Textile mill products	50.3	5.5	2.6	2.9	10.9	785	80	35	44	10.1
23	Apparel, other textile prod	49.8	2.0	1.3	.7	4.0	1,251	39	25	14	3.1
24	Lumber and wood products	46.8	5.5	2.6	2.8	11.7	649	65	25	40	10.0
25	Furniture and *fixtures*	23.9	.7	.5	.2	3.0	460	13	9	4	2.8
26	Paper and allied products	80.2	10.0	4.1	5.9	12.5	636	72	23	49	11.2
27	Printing and publishing	77.3	2.3	1.3	1.1	3.0	1,270	33	16	17	2.5
28	Chemical and allied prod	180.5	36.0	19.3	16.7	19.9	892	164	90	74	18.3
29	Petroleum and coal products	224.1	14.2	3.3	10.8	6.3	152	10	3	7	6.8
30	Rubber, misc. plastics prod	53.2	6.1	2.7	3.4	11.4	691	76	31	45	10.9
31	*Leather, leather products*	10.5	.6	.5	.1	6.0	228	9	7	1	3.7
32	Stone, clay, glass products	48.0	4.3	1.8	2.5	9.0	590	53	21	31	8.9
33	Primary metal industries	141.9	27.4	6.2	21.3	19.3	1,063	199	41	158	18.7
34	*Fabricated metal products*	123.7	15.4	7.1	8.3	12.4	1,568	192	88	104	12.2
35	Machinery, except electric	201.5	48.1	38.4	9.7	23.8	2,380	517	387	130	21.7
36	Electric, electronic equip	140.2	23.3	16.5	6.8	16.6	1,959	341	240	101	17.4
37	Transportation equipment	205.2	37.6	31.2	6.5	18.3	1,749	313	256	57	17.9
38	Instruments and *related* products	48.3	9.2	8.0	1.2	18.9	612	119	102	16	19.3
39	Misc. manufacturing	26.9	2.9	2.5	.3	10.6	413	37	32	5	8.9

NA Not available. X Not applicable. [1] Includes total domestic and export shipments for all manufacturing establishments. [2] Includes only the value of manufactured products exported by the producing plants. [3] Includes shipments of components, parts, supplies, etc., used by plants producing the export products. [4] Includes employees of central administrative offices and auxiliaries. [5] Employment is limited to paid employees in manufacturing plants producing the export product. The number of employees related to export shipments was calculated for each establishment, aggregated by industry and by States, and inflated to a level comparable to the plant value of exports reported in the official foreign trade statistics at port value. [6] Manufacturing employment at establishment producing components, parts, supplies, etc. for use by plants producing for export.

Source of tables 1354 and 1355: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972,* and *1977*; and *Annual Survey of Manufactures, Origin of Exports of Manufactured Products.*

No. 1356. Exports and Export-Related Employment of Manufacturing Establishments, by State: 1981

[See headnote, table 1355. Includes employees of central administrative and auxiliary offices]

Region, division, and state	Manufactuer's shipment value					Manufacturing employment				
	Total (bil. dol.)	Export related			Export related as percent of shipments	Total (1,000)	Export related			Export related as percent of total employment
		Total (bil dol.)	Direct exports (bil. dol.)	Supporting exports (bil. dol.)			Total (1,000)	Direct exports (1,000)	Supporting exports (1,000)	
U.S.	**2,017.5**	**271.7**	**164.3**	**107.4**	**13.4**	**20,264**	**2,604**	**1,486**	**1,118**	**12.8**
Region:										
Northeast	413.1	54.7	32.9	21.7	13.2	5,136	652	358	296	12.7
Midwest	636.6	84.5	51.3	33.3	13.3	5,941	795	432	360	13.4
South	657.6	83.7	45.8	37.7	12.7	6.032	669	355	313	11.1
West	310.3	48.9	34.4	14.7	15.8	3,159	490	336	152	15.5
N. Eng	**105.5**	**15.7**	**10.1**	**5.5**	**14.9**	**1,550**	**214**	**124**	**91**	**13.8**
ME	9.1	.9	.5	.4	10.1	115	11	6	5	9.9
NH	7.3	1.0	.6	.4	13.6	111	16	10	6	14.1
VT	3.6	.5	.2	.2	12.3	50	6	3	3	11.6
MA	47.9	7.4	5.1	2.3	15.4	692	98	59	39	14.2
RI	7.6	1.0	.6	.4	13.4	127	15	9	7	12.0
CT	30.0	4.9	3.1	1.8	16.2	455	68	37	31	14.9
Mid. Atl	**307.5**	**39.0**	**22.8**	**16.2**	**12.7**	**3,586**	**438**	**234**	**205**	**12.2**
NY	119.3	15.3	10.2	5.1	12.7	1,502	172	98	74	11.4
NJ	73.0	8.2	4.5	3.7	11.2	793	95	46	49	11.9
PA	115.2	15.5	8.1	7.4	13.4	1,291	171	90	82	13.2
E. No. Cent	**479.5**	**66.9**	**40.0**	**27.0**	**14.0**	**4,577**	**635**	**338**	**295**	**13.9**
OH	122.3	18.1	10.4	7.8	14.8	1,219	180	96	84	14.7
IN	70.3	9.7	5.0	4.7	13.7	643	86	45	41	13.3
IL	127.0	17.0	10.4	6.7	13.4	1,210	157	84	73	12.9
MI	105.2	15.5	10.3	5.2	14.7	977	143	74	68	14.6
WI	54.7	6.6	4.0	2.6	12.0	528	69	39	29	13.0
W. No. Cent	**157.1**	**17.6**	**11.3**	**6.3**	**11.2**	**1,364**	**160**	**94**	**65**	**11.7**
MN	35.5	4.1	2.7	1.4	11.6	373	46	26	20	12.4
IA	33.2	3.9	2.7	1.2	11.8	236	29	19	9	12.0
MO	41.2	4.9	3.0	1.8	11.7	430	48	27	21	11.1
ND	2.4	.2	.2	.1	10.2	15	2	1	1	11.1
SD	2.9	.3	.2	.1	9.1	27	2	1	1	7.9
NE	15.4	1.5	.9	.5	9.5	95	10	6	4	10.0
KS	26.5	2.7	1.5	1.2	10.1	188	23	14	9	12.4
So. Atl	**253.7**	**32.8**	**18.9**	**13.8**	**12.9**	**3,045**	**326**	**168**	**158**	**10.7**
DE	9.1	.9	.4	.5	9.4	67	9	3	7	13.5
MD	21.3	2.3	1.2	1.1	11.0	243	26	13	14	10.8
DC	1.3	(z)	(z)	(z)	2.4	16	1	(z)	(z)	3.0
VA	35.9	5.2	3.3	1.8	14.3	411	46	27	19	11.1
WV	11.9	2.4	1.2	1.2	19.7	109	16	7	9	14.6
NC	62.2	7.8	4.7	3.1	12.5	822	81	41	39	9.8
SC	27.9	4.2	2.2	2.0	15.0	388	46	22	24	11.7
GA	47.2	5.0	2.5	2.5	10.5	527	51	25	26	9.7
FL	36.8	5.0	3.4	1.6	13.4	462	50	30	20	10.8
E. So. Cent	**122.0**	**15.5**	**8.3**	**7.1**	**12.7**	**1,309**	**135**	**70**	**65**	**10.3**
KY	30.4	3.8	1.9	1.8	12.3	267	29	14	15	10.6
TN	41.3	5.6	3.3	2.3	13.4	492	51	28	24	10.3
AL	30.5	4.0	1.9	2.1	13.1	346	38	19	19	11.0
MS	19.8	2.1	1.2	.9	10.4	204	17	9	7	8.2
W. So. Cent	**281.9**	**35.4**	**18.5**	**16.8**	**12.6**	**1,678**	**208**	**118**	**90**	**12.4**
AR	18.5	2.5	1.6	.9	13.6	197	21	12	9	10.5
LA	57.8	7.4	3.7	3.7	12.8	208	25	14	11	11.9
OK	25.3	2.8	1.5	1.2	10.8	205	26	15	11	12.4
TX	180.3	22.7	11.7	11.0	12.5	1,068	136	77	59	12.7
Mt	**56.8**	**7.0**	**4.1**	**3.1**	**12.3**	**572**	**79**	**49**	**27**	**13.8**
MT	4.3	.3	.1	.3	7.6	23	2	(z)	1	7.5
ID	5.0	.7	.5	.3	14.7	50	6	3	3	11.7
WY	3.2	.2	(z)	.2	5.6	11	1	–	1	4.4
CO	17.2	1.9	1.3	.6	11.1	188	24	16	8	12.7
NM	3.2	.2	.1	.2	7.2	34	2	(z)	1	4.6
AZ	12.5	2.5	1.6	.8	19.7	156	32	24	8	20.5
UT	9.8	1.0	.4	.6	10.6	92	10	5	4	10.3
NV	1.6	.2	.1	.1	13.1	18	2	1	1	10.1
Pac	**253.6**	**41.9**	**30.3**	**11.6**	**16.5**	**2,587**	**411**	**287**	**125**	**15.9**
WA	36.8	10.8	9.0	1.7	29.2	304	80	67	14	26.3
OR	18.8	2.8	1.7	1.1	14.8	204	30	18	11	14.5
CA	192.4	27.4	18.8	8.6	14.2	2,040	296	197	99	14.5
AK	2.0	.7	.7	.1	36.3	13	4	4	(z)	34.1
HI	3.6	.2	.1	.1	6.3	26	1	1	1	4.5

– Represents zero. Z Less than $50 million or fewer than 500.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, Origin of Exports of Manufactured Products* M81(AS)-5.

NO. 1357. U.S. EXPORTS AND IMPORTS OF MANUFACTURED PRODUCTS: 1974 TO 1982

1972 SIC [1] code	PRODUCTS	EXPORTS			IMPORTS [3]		
		Export value, 1982 (mil. dol.)	Exports/ shipment ratio		Import value, 1982, (mil. dol.)	Import penetration ratio [4]	
			1974 (percent)	1981 [2] (percent)		1974 (percent)	1981 [2] (percent)
	Total manufactured products	**168,376**	**8.0**	**9.5**	**170,406**	**7.7**	**9.1**
20	Food and kindred products	11,079	3.8	5.2	9,561	4.7	4.3
21	Tobacco manufactures	1,287	7.2	12.7	227	.7	2.0
22	*Textile mill products*	1,766	5.1	5.9	2,225	5.3	5.9
23	Apparel and other textile products	1,271	2.1	3.4	8,432	8.3	16.2
24	Lumber and wood products	2,863	6.6	7.2	3,059	8.6	9.8
25	Furniture and fixtures	564	1.1	2.5	1,354	3.2	5.0
26	Paper and allied products	4,210	6.0	6.2	5,468	6.1	6.8
27	*Printing and publishing*	1,358	1.5	1.9	547	1.0	.9
28	Chemicals and allied products	20,021	11.0	12.6	7,632	4.0	4.7
29	Petroleum refining	6,402	1.8	1.8	15,643	16.2	7.3
30	Rubber and misc. plastics products	2,631	4.9	5.9	2,937	5.3	6.1
31	*Leather and leather products*	498	3.1	5.4	4,496	20.0	40.3
32	Stone, clay, and glass products	1,860	3.5	4.5	2,398	4.1	5.4
33	Primary metal products	4,872	4.6	4.8	15,352	11.8	15.4
34	Fabricated metal products	7,692	5.1	7.1	5,186	3.4	4.1
35	Machinery, except electrical	36,919	19.2	23.9	14,994	6.3	8.7
36	*Electrical and electronic equip*	18,173	10.2	13.5	20,097	10.0	13.9
37	Transportation equipment	29,702	14.0	16.9	36,657	12.6	16.5
38	Instruments and related prod	8,371	15.8	19.0	5,379	7.6	12.7
39	Miscellaneous manufactures	2,208	10.4	11.9	7,111	16.9	29.9
(X)	Unclassified products	2,629	-	-	1,651	-	-

- Represents zero. X Not applicable. [1] Standard Industrial Classification. [2] 1982 data are not yet available on a comparable basis. [3] Import data for 1974 and 1982 are valued on a customs basis; data for 1981 are valued on a f.a.s. basis. Data for all years have been adjusted to include comparable commodities in each group. [4] Ratio of imports to new supply (domestic product shipments plus imports).

NO. 1358. U.S. EXPORTS AND IMPORTS FOR 20-LEADING 4-DIGIT SIC PRODUCT GROUPS: 1982

[In millions of dollars, except as indicated. Ranked by value of 1982 imports and exports]

1972 SIC [1] code	PRODUCTS	Exports		1972 SIC [1] code	PRODUCTS	Imports [2]	
		Total (mil. dol.)	Percent of shipments			Total (mil. dol.)	Percent of supply
3573	Electronic computing equipment	8,957	23.9	3711	Motor vehicles and car bodies	25,579	26.6
3721	*Aircraft*	7,236	25.1	2911	*Petroleum refinery products*	15,690	7.2
3714	Motor vehicle parts and accessories	6,844	19.1	3312	Blast furnace and steel mill prod	8,861	19.4
3711	Motor vehicles and car bodies	6,388	9.0	3714	Motor vehicle parts and accessories	6,045	14.4
2911	Petroleum refinery products	5,957	3.0	3651	Radio and TV receiving sets	5,307	46.5
3533	*Oil field machinery*	5,130	45.7	3674	Semiconductors and related devices	4,101	23.6
3531	Construction machinery	4,856	41.4	3579	Office machines	3,411	44.8
3728	*Aircraft equipment, n.e.c.* [3]	4,401	38.8	2621	Paper mill products	3,240	13.3
2869	Industrial organic chemicals	4,387	14.5	3662	Radio and TV communication equip	2,821	7.8
3674	Semiconductors and related devices	3,041	23.0	3339	*Primary nonferrous metals*	2,746	54.3
3662	Radio and TV communication equip	2,771	8.3	2369	Outerwear	2,123	65.7
2819	*Industrial inorganic chemicals*	2,497	20.5	3861	Photographic equip. and supplies	2,107	11.0
2821	Plastic materials and resins	2,472	15.7	3915	Lapidary work	1,981	72.6
3861	Photographic equipment and supplies	2,390	14.0	2819	Industrial inorganic chemicals	1,896	13.5
3569	General industrial machinery	2,350	52.1	2421	Sawmill and planing mill prod	1,770	14.9
3519	*Internal combustion engines, n.e.c.* [3]	2,345	25.4	2321	Shirts, nightwear (men's and boys)	1,707	32.9
3724	Aircraft engines and parts	2,308	16.9	2011	Meat products	1,638	3.5
3679	*Electronic components, n.e.c.* [3]	2,138	15.7	3944	Games, toys, children's vehicles	1,621	26.4
3079	Plastic products, miscellaneous	1,881	5.1	3569	General industrial machinery	1,527	25.3
2075	Soybean oil mill products	1,822	21.0	2611	Pulp mill products	1,493	32.3

[1] Standard Industrial Classification. [2] Imports are valued on a customs basis. Supply equals shipments plus imports. [3] Not elsewhere classified.

Source of tables 1357 and 1358: U.S. International Trade Administration, *1984 U.S. Industrial Outlook.*

NO. 1359. FUELS AND ELECTRIC ENERGY USED IN MANUFACTURING INDUSTRIES: 1958 TO 1981

[**Btu=British thermal unit.** For definition of Btu, see text, p. 551]

INDUSTRY GROUP AND TYPE OF ENERGY	Unit	1958	1962	1967	1975	1977	1978	1979	1980	1981
ENERGY USED										
All manufacturing industries [1]	Tril. Btu	8,248	9,811	11,810	12,084	12,888	12,901	12,869	11,946	11,563
Chemicals and allied products	Tril. Btu	1,542	1,877	2,460	2,806	2,983	2,900	2,895	2,721	2,630
Primary metals	Tril. Btu	1,769	2,303	2,422	2,240	2,560	2,689	2,685	2,311	2,241
Paper and allied products	Tril. Btu	806	929	1,156	1,210	1,307	1,301	1,300	1,279	1,262
Petroleum and coal products	Tril. Btu	932	1,145	1,394	1,333	1,238	1,123	1,245	1,181	1,137
Stone, clay, and glass products	Tril. Btu	945	1,056	1,229	1,160	1,251	1,300	1,266	1,132	1,078
Food and kindred products	Tril. Btu	766	803	900	914	956	980	949	950	913
Fabricated metal products	Tril. Btu	190	213	298	368	394	400	386	352	352
Machinery, exc. electrical	Tril. Btu	210	235	311	328	340	351	352	337	325
Lumber and wood products	Tril. Btu	90	118	188	229	228	231	223	203	185
Printing and publishing	Tril. Btu	41	50	66	87	92	92	90	90	91
TYPE OF ENERGY										
Purchased fuels and elec. energy [1]	Tril. Btu	8,248	9,811	11,810	12,084	12,888	12,901	12,869	11,946	11,563
Cost	Mil. dol	5,067	6,184	7,692	23,291	33,335	37,613	42,714	48,343	55,255
Fuels	Mil. dol	2,836	3,361	3,975	12,978	18,818	20,618	23,651	26,487	29,747
Electric energy	Mil. dol	2,231	2,823	3,717	10,313	14,517	16,995	19,063	21,856	25,508
Coal	Tril. Btu	2,143	2,343	1,967	1,169	1,329	1,349	1,325	1,322	1,387
Cost	Mil. dol	638	640	552	1,310	1,494	1,685	1,760	1,869	2,186
Fuel oil [2]	Tril. Btu	969	1,209	1,092	1,726	2,125	2,120	1,562	1,160	952
Cost	Mil. dol	523	623	536	3,519	4,886	4,846	4,657	4,757	4,865
Gas	Tril. Btu	3,187	4,411	5,434	5,944	5,700	5,603	5,971	5,680	5,546
Cost	Mil. dol	901	1,456	1,749	5,653	8,875	9,861	12,340	14,714	17,423
Purchased electric energy	Tril. Btu	863	1,071	1,459	2,036	2,263	2,306	2,338	2,250	2,272
Cost	Mil. dol	2,231	2,823	3,717	10,313	14,517	16,995	19,063	21,856	25,508

[1] Includes industries and types not shown separately. [2] Includes fuel-oil related products.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977;* and *Annual Survey of Manufactures.*

NO. 1360. ENERGY CONSUMPTION PER CONSTANT DOLLAR OF VALUE ADDED FOR SELECTED INDUSTRIES: 1971 TO 1977

[**1,000 Btu's per 1972 dollar.** Includes basic industries. Industries selected on the basis of both total energy consumed and energy intensiveness; industries account for about 60 percent of total manufacturing energy consumption and about 8 percent of total manufacturing value added; see source for details. Consumption values include estimates of externally generated energy as well as purchased fuels and electric power. Minus sign (–) indicates decrease]

YEAR	Total economy [1]	All manufacturing	8-industry groups	Paper	Paperboard	Inorganic chemicals	Organic chemicals [2]	Petroleum refining	Cement	Steel	Aluminum
1971	61.6	52.5	373.9	316.2	458.8	245.8	277.9	631.4	421.4	314.5	418.5
1974	59.7	46.2	337.8	291.1	461.3	218.9	241.7	635.8	435.9	262.4	406.8
1975	58.8	46.6	353.4	319.3	503.7	210.8	244.8	613.7	442.9	262.4	401.0
1976	58.5	44.1	338.1	317.7	470.6	212.2	227.4	590.9	432.7	274.7	372.1
1977	57.1	42.3	329.2	308.7	464.8	203.3	193.9	573.7	411.2	282.7	379.9
AVERAGE ANNUAL PERCENT CHANGE											
1971–1974	–1.0	–4.0	–3.2	–2.6	.2	–3.6	–4.3	.2	1.1	–5.5	–.9
1974–1975	–1.5	.9	4.6	9.7	9.2	–3.7	1.3	–3.5	1.6	7.5	–1.4
1975–1976	–.5	–5.4	–4.3	–.5	–6.6	.7	–7.1	–3.7	–2.3	–2.7	–7.2
1976–1977	–2.4	–4.1	–2.6	–2.8	–1.2	–4.2	–14.7	–2.9	–5.0	2.9	2.1

[1] Total gross energy consumption per constant dollar of GNP. [2] Excludes petrochemical feedstocks.

Source: U.S. Dept. of Commerce, International Trade Administration, *Industrial Economics Review,* Summer 1980.

NO. 1361. PERCENT SHARE OF VALUE ADDED BY MANUFACTURE FOR LARGEST COMPANIES IN MANUFACTURING, 1947 TO 1977, AND OF EMPLOYEES AND SHIPMENTS, 1963 TO 1977

[**Percent of total manufacturing.** Companies ranked on value added by manufacture; companies in each group are not identical for all years. See also *Historical Statistics, Colonial Times to 1970,* series P 177–180]

ITEM	VALUE ADDED [1]						EMPLOYMENT [2]			SHIPMENTS [3]		
	1947	1954	1963	1967	1972	1977	1963	1972	1977	1963	1972	1977
Largest 50 companies	17	23	25	25	25	18	19	19	24	25	24	25
Largest 100 companies	23	30	33	33	33	25	25	26	33	34	33	35
Largest 150 companies	27	34	37	38	39	30	29	31	40	38	39	41
Largest 200 companies	30	37	41	42	43	34	32	35	44	42	43	45

[1] See footnote 6, table 1337. [2] Includes central administrative offices and auxiliaries. [3] See footnote 7, table 1337.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977, Concentration Ratios in Manufacturing,* MC77-SR-9.

No. 1362. Percent of Shipments Accounted for by Large Manufacturing Companies, Selected Industries: 1972 and 1977

[First 32 industries (excluding those classified as "Miscellaneous" or "Not elsewhere classified") as determined by value of shipments in 1977 of $4 billion or more. Industry codes and descriptions are based on the 1972 *Standard Industrial Classification Manual* (SIC), see text, p. 744. Determination of company affiliation of establishment is based on census reports and publicly available records. "Largest" companies are determined by each company's value added by manufacture *in the specified industry.* Industries in the "not elsewhere classified" category are omitted, regardless of their value added]

Industry code	INDUSTRY	Year	Number of companies	Value added by manufacture [1] (mil. dol.)	Total value of shipments [2] (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE			
						4 largest	8 largest	20 largest	50 largest
2911	Petroleum refining	1972	152	4,595	25,921	31	56	84	95
		1977	192	14,424	91,689	30	53	81	94
3711	Motor vehicles and car bodies	1972	165	11,783	42,906	93	99	99+	99+
		1977	254	18,724	76,518	93	99	99+	99+
3312	Blast furnaces and steel mills	1972	241	10,305	23,947	45	65	84	96
		1977	395	15,332	41,998	45	65	84	95
3714	Motor vehicle parts and accessories	1972	1,748	9,165	18,334	61	69	78	86
		1977	2,194	16,264	35,751	62	70	79	86
2011	Meatpacking plants	1972	2,291	2,968	23,003	22	37	51	66
		1977	2,404	4,010	31,208	19	37	49	62
3662	Radio and TV communications equipment	1972	1,524	5,803	9,140	19	33	58	77
		1977	1,873	9,938	14,886	20	33	57	73
3721	Aircraft	1972	141	5,083	8,779	66	86	99	99+
		1977	151	8,134	14,834	59	81	99	99+
2026	Fluid milk	1972	2,025	2,552	9,396	18	26	42	56
		1977	1,516	3,176	13,786	18	28	43	60
2711	Newspapers	1972	7,461	6,220	6,263	17	28	43	60
		1977	7,821	9,519	13,056	19	31	45	62
3573	Electronic computing equipment	1972	518	3,419	6,471	51	63	78	90
		1977	806	7,624	12,924	44	55	71	85
3531	Construction machinery	1972	644	3,131	6,091	43	54	72	86
		1977	807	5,744	12,629	47	59	75	86
2621	Papermills, exc. building paper	1972	194	2,909	6,385	24	40	66	88
		1977	171	5,407	12,613	23	42	70	92
2834	Pharmaceutical preparations	1972	680	5,640	7,150	26	44	75	91
		1977	655	8,214	11,459	24	43	73	91
2421	Sawmills and planing mills, general	1972	7,664	2,907	6,421	18	23	33	45
		1977	6,966	4,453	10,867	17	23	36	49
2821	Plastics materials and resins	1972	193	2,161	4,478	26	41	65	90
		1977	221	4,143	10,818	22	37	60	87
3523	Farm machinery and equipment	1972	1,465	2,248	4,530	47	61	69	78
		1977	1,868	4,854	10,282	46	61	70	78
2086	Bottled and canned soft drinks	1972	2,273	2,337	5,454	14	21	32	44
		1977	1,758	4,085	10,007	15	22	36	50
3661	Photographic equipment and supplies	1972	555	4,088	5,624	74	85	92	95
		1977	702	6,732	9,945	72	86	90	94
3465	Automotive stampings	1972	388	2,664	5,286	69	72	79	87
		1977	495	4,655	9,799	65	70	77	84
3585	Refrigeration and heating equipment	1972	655	3,517	7,084	40	53	70	85
		1977	731	4,469	9,638	41	51	67	82
2752	Commercial printing, lithographic	1972	8,160	3,159	5,125	4	8	15	24
		1977	10,964	5,338	9,360	6	10	17	26
2051	Bread, cake, and related products	1972	2,800	3,518	6,132	29	39	50	62
		1977	2,549	5,370	9,275	33	40	54	68
3011	Tires and inner tubes	1972	136	3,071	5,747	73	90	98	99+
		1977	121	4,347	8,971	70	88	97	99+
3661	Telephone, telegraph apparatus	1972	157	2,650	4,525	(D)	(D)	98	99+
		1977	208	4,192	7,858	(D)	89	94	98
3321	Gray iron foundries [3]	1972	893	2,257	3,877	34	45	59	71
		1977	865	4,071	7,389	34	44	60	73
2844	Toilet preparations	1972	593	2,834	4,053	38	53	74	91
		1977	644	4,527	6,557	40	56	74	90
2824	Organic fibers, noncellulosic	1972	36	2,040	3,639	74	91	99+	100
		1977	37	2,804	6,380	78	90	99	100
2111	Cigarettes	1972	7	[4] 2,188	[4] 3,745	(D)	(D)	(X)	(X)
		1977	8	[4] 3,803	[4] 6,377	(D)	(D)	(X)	(X)
2721	Periodicals	1972	2,451	2,110	3,511	26	38	54	69
		1977	2,860	3,763	6,057	22	35	52	67
2841	Soap and other detergents	1972	577	2,039	3,394	62	74	85	92
		1977	554	2,868	5,671	59	71	82	89
3761	Guided missiles and space vehicles	1972	23	2,949	4,124	62	88	(D)	100
		1977	20	3,565	5,314	64	94	100	(X)
2751	Commercial printing, letterpress	1972	13,040	2,015	3,306	14	19	26	35
		1977	14,375	2,441	4,284	14	19	25	31

D Withheld to avoid disclosure. X Not applicable. [1] See footnote 6, table 1337. [2] See footnote 7, table 1337. [3] Includes foundries producing gray-iron castings for other plants of the same company. Accordingly, percentages do not reflect market shares in industry as such. [4] Value of production reported instead of value of shipments; therefore, formula for computing adjusted value added modified to include only changes in work-in-process inventories between beginning and end of year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977, Concentration Ratios in Manufacturing,* MC77-SR-9.

No. 1363. Beverage Industry—Summary: 1970 to 1982

Year and item	Unit	Total	Malt beverages	Malt	Wine, brandy, brandy spirits	Distilled liquor, exc. brandy	Soft drinks (bottled, canned)	Flavoring, extracts, sirups
1970: Employees	1,000	228	57	2	9	21	129	11
Payroll	Mil. dol	1,884	616	19	71	171	916	91
Value added by manufacture	Mil. dol	6,144	2,028	58	258	887	2,121	792
Value of shipments	Mil. dol	12,373	3,822	210	591	1,758	4,631	1,361
1975: Employees	1,000	204	47	2	11	16	117	11
Payroll	Mil. dol	2,418	726	24	131	198	1,210	129
Value added by manufacture	Mil. dol	8,110	2,008	122	500	1,056	3,321	1,103
Value of shipments	Mil. dol	20,396	5,641	591	1,197	2,004	8,602	2,361
1980: Employees	1,000	199	43	2	11	14	118	11
Payroll	Mil. dol	3,646	1,122	40	191	253	1,650	191
Value added by manufacture	Mil. dol	13,708	3,639	162	811	1,849	5,348	1,898
Value of shipments	Mil. dol	33,041	9,362	680	2,189	3,389	13,909	3,513
1981: Employees	1,000	199	44	2	11	14	117	11
Payroll	Mil. dol	3,940	1,247	44	206	264	1,972	206
Value added by manufacture	Mil. dol	14,855	3,842	192	888	1,765	6,075	2,094
Value of shipments	Mil. dol	36,075	10,179	743	2,408	3,605	15,286	3,855
1982: [1] Employees	1,000	195	43	2	12	12	114	12
Payroll	Mil. dol	4,237	1,308	43	245	257	2,146	238
Value of shipments	Mil. dol	38,786	11,195	662	2,783	3,072	16,836	4,238

[1] Preliminary. Value added by manufacture not available.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures* and *Census of Manufactures, 1982.*

No. 1364. Alcoholic Beverages—Summary: 1965 to 1983

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1970,* series P 235 for beer production, and P 236a for distilled spirits]

Item	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Beer: Breweries operated	Number	197	154	117	95	89	86	86	92	82	92
Production	Mil. bbl.[1]	108	135	158	170	176	184	193	195	194	196
Imports (incl. ale, etc.) [2]	Mil. bbl.[1]	(NA)	(NA)	1.7	2.6	3.1	4.1	4.6	5.2	5.8	6.3
Value of shipments (SIC 2082) [3]	Mil. dol	2,470	3,822	5,641	6,653	7,539	8,353	9,362	10,179	[4] 11,195	(NA)
Tax-paid withdrawals	Mil. bbl.[1]	100	123	147	156	160	167	172	177	176	176
Stocks on hand, June 30	Mil. bbl.[1]	13	15	14	14	14	14	15	14	14	15
Per capita consumption [5]	Gallons	25.5	28.6	32.8	32.3	33.1	34.0	34.9	35.8	33.4	33.1
Of domestic output	Gallons	25.3	28.4	32.4	31.8	32.4	33.1	34.0	34.5	32.0	32.3
Distilled spirits:											
Production facilities, operated	Number	153	140	115	96	101	135	143	114	121	121
Warehouses operated	Number	268	274	241	222	220	210	200	198	202	193
Production, total [6]	Mil. tax gal.[7 8]	276	355	278	225	268	246	236	259	217	181
Whisky	Mil. tax gal.[7 8]	118	160	50	82	71	104	87	90	95	80
Imports [2]	Mil. tax gal.[7 8]	57.0	90.9	113.5	113.1	128.6	123.6	90.7	117.9	106.0	116.4
Tax-paid withdrawals, total [9]	Mil. tax gal.[7 8]	205	256	295	296	321	318	330	321	312	306
Whisky	Mil. tax gal.[7 8]	90	112	137	126	136	125	42	(NA)	(NA)	(NA)
Stocks on hand, June 30, total [6]	Mil. tax gal.[7 8]	990	1,091	836	726	670	659	696	691	654	640
Whisky	Mil. tax gal.[7 8]	841	960	780	668	611	596	566	544	540	523
Bottled for consumption, total	Mil. wine gal.[10]	244	312	357	361	390	379	392	388	375	377
Whisky	Mil. wine gal.[10]	161	192	182	166	170	166	165	162	153	154
Per capita [5]	Wine gal.[10]	2.13	2.61	2.49	2.67	2.78	2.70	2.90	2.84	2.62	2.59
Of domestic output	Wine gal.[10]	1.66	1.91	1.75	1.93	2.02	1.96	2.00	2.02	1.80	1.76
Still wines: Production [11]	Mil. wine gal.[10]	565	713	782	771	731	739	982	901	546	613
Imports [2]	Mil. wine gal.[10]	9.9	22.1	40.3	58.4	81.3	81.0	90.7	101.1	107.5	58.6
Tax-paid withdrawals [12]	Mil. wine gal.[10]	163	204	287	306	313	326	340	363	365	365
Stocks on hand, June 30 [13]	Mil. wine gal.[10]	157	207	325	392	431	485	486	602	519	595
Per capita [5]	Wine gal.[10]	1.44	1.70	2.20	2.45	2.54	2.60	2.65	2.68	2.81	2.82
Of domestic output	Wine gal.[10]	1.32	1.52	1.96	2.35	2.01	2.02	2.02	2.02	2.14	2.13
Effervescent wines: [14]											
Production	Mil. wine gal.[10]	6.4	20.0	18.0	21.2	23.8	24.4	26.8	31.2	30.6	36.5
Imports [2]	Mil. wine gal.[10]	1.6	2.0	2.1	3.3	4.9	5.0	5.2	7.9	8.7	11.4
Tax-paid withdrawals	Mil. wine gal.[10]	5.7	17.1	17.6	20.3	21.2	22.1	24.1	27.0	26.5	31.7
Stocks on hand, June 30	Mil. wine gal.[10]	3.6	8.1	9.0	10.4	11.4	12.1	11.9	14.4	17.6	21.5
Per capita [5]	Wine gal.[10]	.06	.15	.13	.16	.15	.15	.17	.19	.22	.25
Of domestic output	Wine gal.[10]	.05	.13	.12	.14	.13	.12	.12	.14	.17	.19

NA Not available. [1] Barrels of 31 wine gallons (see footnote 9). [2] Source: U.S. Bureau of the Census, *Imports for Consumption, General Imports,* FT 246. [3] Source: U.S. Bureau of the Census, *Census of Manufactures, 1977,* and *1982,* and *Annual Survey of Manufactures.* [4] Preliminary. [5] Source: U.S. Dept. of Commerce, International Trade Administration. Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [6] Excludes alcohol produced for industrial use. [7] A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof to the wine gallon. (See footnotes 8 and 10.) [8] A proof gallon is the alcoholic equivalent of a U.S. gallon at 60°F, containing 50 percent of ethyl alcohol by volume. [9] Includes ethyl alcohol. [10] A wine gallon is the U.S. gallon equivalent to the volume of 231 cubic inches. [11] Production represents total amount removed from fermenters, including distilling material, and, beginning 1970, includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1975, 359 million gallons of distilling materials were produced; 1977, 347 million gal.; 1978, 258 mil. gal.; 1979, 259 mil. gal.; 1980, 184 mil. gal.; 1981, 264 mil. gal.; and 1982, 138 mil. gal.; and 1983, 223 mil. gal. [12] Includes special natural wines. [13] Excludes distilling materials. [14] Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics,* annual.

No. 1365. Tobacco Manufactures Industry—Summary: 1964 to 1982

[**In millions of dollars, except as indicated.** Represents SIC 21. Includes cigarettes, cigars, chewing and smoking tobacco, and tobacco stemming and redrying]

Year	Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	New capital expenditures
	Total	With 20 employees or more	Number (1,000)	Payroll	Number (1,000)	Hours (mil.)	Wages				
1964 ASM	(NA)	(NA)	78.8	353	70.2	138.3	291	1,772	2,883	4,652	59
1965 ASM	(NA)	(NA)	74.6	349	66.2	124.9	285	1,766	2,884	4,648	59
1966 ASM	(NA)	(NA)	72.4	356	64.1	122.3	289	1,872	2,909	4,773	58
1967 Census	329	195	75.1	377	66.1	125.5	304	2,032	2,871	4,904	53
1968 ASM	(NA)	(NA)	73.9	396	65.2	120.6	323	2,141	2,800	4,937	50
1969 ASM	(NA)	(NA)	72.2	411	63.2	117.3	329	2,221	2,766	4,992	61
1970 ASM	(NA)	(NA)	71.4	448	62.7	116.5	362	2,489	2,859	5,350	56
1971 ASM	(NA)	(NA)	67.1	471	58.5	109.2	376	2,560	2,973	5,528	94
1972 Census	272	154	66.3	502	57.4	106.8	401	2,637	3,281	5,920	133
1973 ASM	(NA)	(NA)	68.5	557	59.2	110.5	440	2,900	3,447	6,341	180
1974 ASM	(NA)	(NA)	67.4	604	58.0	106.6	477	3,179	3,966	7,139	185
1975 ASM	(NA)	(NA)	66.2	655	56.3	104.2	513	3,722	4,396	8,113	148
1976 ASM	(NA)	(NA)	66.2	655	56.3	104.2	513	3,722	4,342	8,060	145
1977 Census	228	123	60.6	751	50.4	92.6	571	4,334	4,730	9,051	182
1978 ASM	(NA)	(NA)	59.1	813	49.1	92.2	612	4,607	5,375	9,951	254
1979 ASM	(NA)	(NA)	58.6	906	47.7	90.1	668	5,343	5,240	10,601	237
1980 ASM	(NA)	(NA)	58.0	1,045	46.6	88.1	767	6,148	6,091	12,195	367
1981 ASM	(NA)	(NA)	61.1	1,219	49.1	91.5	891	6,430	6,691	13,130	726
1982 Census [1]	157	107	57.9	1,323	45.4	83.7	957	(NA)	7,099	16,036	697

NA Not available. [1] Preliminary.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, 1972, 1977,* and *1982;* and *Annual Survey of Manufactures.*

No. 1366. Tobacco Products—Production and Consumption: 1965 to 1983

[Production data are for years ending **June 30.** Excludes cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1970,* series P 239-241]

Item	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Production:													
Cigarettes [1]	Billions	562	562	652	627	688	673	688	707	702	744	711	676
Cigars [1]	Billions	8.9	8.0	8.7	8.3	6.7	5.8	5.6	5.1	4.9	5.0	4.5	4.3
Tobacco [2]	Mil. lb	169	164	152	155	153	155	156	156	163	162	160	159
Per capita consumption: [3]													
All products	Lb.[4]	11.5	9.6	9.4	9.1	8.7	8.5	8.1	8.3	8.0	7.6	7.5	7.0
Cigarettes	1,000	4.3	4.0	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.5
Weight	Lb.[4]	9.37	7.78	7.90	7.73	7.35	7.21	6.89	6.97	6.87	6.53	6.48	6.04
Cigars [5]	Number	70	60	44	39	36	33	30	27	25	23	22	22
Weight	Lb.[4]	1.24	1.00	.70	.63	.57	.54	.50	.44	.41	.39	.35	.34
Tobacco [2]	Lb.[4]	.88	.83	.75	.72	.73	.70	.68	.69	.69	.64	.65	.64

[1] Large and small. Source: U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics,* annual. [2] Smoking and chewing tobaccos and snuff. Source: U.S. Dept. of Agriculture, Agricultural Marketing Service, *Manufacture and Sales of Snuff, Smoking, and Chewing Tobacco,* quarterly. [3] Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [4] Unstemmed processing weight equivalent. [5] Weighing over 3 pounds per 1,000.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation,* quarterly.

No. 1367. Mill Consumption of Natural Fibers: 1960 to 1983

[**In million of pounds, except per capita.** Per capita figures based on U.S. Bureau of the Census population estimates as of July 1, including Armed Forces abroad. See *Historical Statistics, Colonial Times to 1970,* series P 229 and P 230, for wool and silk]

Item	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
Cotton, total [2]	4,234	4,522	3,854	3,309	3,027	3,414	3,170	3,041	3,077	3,036	2,715	2,488	2,796
Per capita (lb.)	23.4	23.2	18.8	15.6	14.2	15.9	14.6	13.9	14.0	13.3	11.8	10.7	11.9
Wool, total [3]	411	387	240	94	110	122	108	115	117	123	139	115	144
Per capita (lb.)	2.3	2.0	1.2	.4	.5	.6	.5	.5	.5	.5	.6	.5	.6
Flax, total	5	8	6	7	3	4	3	4	5	2	4	8	5
Silk, total	7	6	2	3	1	3	2	2	2	1	2	2	2

[1] *Preliminary.* [2] Reported by U.S. Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board is deducted. For foreign cotton, 15 pounds deducted, 1960 and 1965; 20 pounds thereafter. [3] Reported by U.S. Bureau of the Census. Excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Cotton and Wool Outlook and Situation,* June 1984.

No. 1368. Man-Made Fiber Distribution: 1970 to 1981

[In millions of pounds, except per capita. Per capita figures based on U.S. Bureau of the Census population estimates as of July 1, including Armed Forces abroad]

ITEM	1970	1975	1980	1981	ITEM	1970	1975	1980	1981
Rayon and acetate:					**Non-cellulosic:**				
Producers' shipments [1]	1,376.2	807.1	808.1	768.4	Producers' shipments [1 2]	3,555.6	6,082.7	8,006.1	7,913.9
Rayon	851.0	448.3	438.2	443.5	Nylon	1,253.8	1,847.6	2,250.1	2,100.7
Acetate	479.1	305.7	276.2	230.3	Polyester	1,425.9	2,950.6	3,434.4	3,435.4
					Olefin	187.0	436.1	611.7	626.3
Domestic consumption	1,414.4	801.1	733.0	701.3	Acrylic	430.7	467.3	585.3	494.1
Per capita (lb.)	6.9	3.7	3.2	3.3	Domestic consumption [2]	3,543.2	5,877.3	7,069.7	6,890.4
					Per capita (lb.)	17.3	27.2	31.0	33.4
Exports	46.1	53.1	93.7	94.6					
Imports	84.3	47.1	18.6	27.5	Exports	190.9	314.4	991.6	1,102.9
					Imports	178.5	109.0	55.2	79.4

[1] Domestic consumption plus exports minus imports. [2] Includes other items not shown separately.

Source: Textile Economics Bureau, Inc., Roseland, NJ, *Textile Organon*, monthly. (Copyright.)

No. 1369. Wool—Production, Price, and Supply: 1965 to 1983

[In millions of pounds, except as indicated. See *Historical Statistics, Colonial Times to 1970*, series K 559-560, for shorn wool production and price, and series P 229, for wool consumed in manufacturing]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, prel.
Stocks of all wool, Jan. 1 [1]	103	102	53	42	42	49	47	51	45	46
Sheep and lambs shorn (mil.)	24	19	14	13	13	13	13	14	13	13
Weight per fleece (lb.)	8.5	8.4	8.3	8.1	8.1	8.0	8.0	8.1	8.0	8.0
Shorn wool production (grease basis)	201	162	120	107	103	105	105	110	106	100
Price per pound [2] (cents)	47.1	35.4	44.7	72.0	74.5	86.3	88.1	94.5	68.5	61.3
Total wool production (grease basis)	225	177	125	110	104	106	107	111	107	101
Wool, clean basis: Total production	113	88	67	58	55	56	56	59	57	54
Imports of dutiable wool [3]	163	80	17	34	27	20	30	48	40	49
Imports of duty free wool [3]	109	73	17	19	23	22	26	26	21	29
Total new supply [4]	488	343	154	150	164	164	174	184	163	181
Consumed in manufacturing [5]	387	240	110	108	115	117	123	139	116	144

[1] Scoured basis. [2] Weighted season average price received by farmers. [3] Imports for consumption. [4] Production, imports, and stock of wool Jan. 1. [5] Scoured wool, plus greasy wool reduced to scoured basis. Excludes Alaska and Hawaii.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Statistics*, annual, and *Cotton and Wool Situation*. Imports from U.S. Bureau of the Census.

No. 1370. U.S. Imports and Exports of Textiles and Apparel Products: 1965 to 1983

[In millions of dollars. Excludes glassfibers, linoleum, rubber and leather apparel and clothing donated for charity. Minus sign (−) indicates deficit]

PRODUCT	1965	1970	1975	1978	1979	1980	1981	1982	1983
Exports	613	733	1,873	2,624	3,801	4,458	4,520	3,449	2,926
Textile mill products	510	578	1,533	2,073	3,029	3,457	3,473	2,664	2,255
Yarn and thread	119	133	271	330	590	642	813	641	479
Cotton broad woven fabric	108	112	376	426	626	546	335	238	189
Other broad woven and knit fabric	135	151	387	433	678	809	825	553	467
Narrow fabric	21	15	32	84	95	106	129	117	117
Special fabric	64	89	194	406	504	709	694	569	517
Made-up articles	52	53	185	252	329	318	332	253	216
Textile floor coverings	11	25	68	143	207	327	345	293	270
Apparel	103	155	341	551	772	1,001	1,047	785	671
Imports	1,280	2,275	3,530	7,045	7,229	8,139	9,728	10,090	11,735
Textile mill products	789	1,124	1,197	2,117	2,119	2,372	2,911	2,703	3,086
Yarn and thread	61	212	114	237	147	168	207	229	301
Cotton broad woven fabric	137	173	219	427	380	433	607	484	560
Other broad woven and knit fabric	421	498	433	754	729	784	983	900	992
Narrow fabric	16	21	20	39	46	43	56	62	63
Special fabric	69	92	215	207	263	298	292	278	303
Made-up articles	35	66	98	253	294	362	460	473	535
Textile floor coverings	50	62	98	200	260	283	306	277	332
Apparel	483	1,151	2,333	4,928	5,110	5,767	6,817	7,387	8,649
Trade balance	−667	−1,542	−1,657	−4,420	−3,428	−3,681	−5,208	−6,641	−8,809

Source: U.S. Bureau of the Census, *U.S. General Imports, Schedule A Commodity by Country*, Report FT135, and *U.S. Exports, Schedule E Commodity by Country*, Report FT410, monthly.

No. 1371. Male and Female Clothing—Production: 1965 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series P 242 and 243]

ITEM	Unit	1965	1970	1974	1975	1977	1978	1979	1980	1981	1982
MALE CLOTHING											
Men's suits [1]	Mil. units	21.9	17.7	16.8	13.7	17.3	17.5	17.0	14.6	13.9	11.7
Boys' suits [2]	Mil. units	6.6	4.7	2.9	2.5	3.6	4.7	4.5	3.4	3.9	3.6
Separate trousers (men's)	Mil. units	142.3	173.6	156.6	118.9	128.8	122.7	125.6	125.1	118.2	111.7
Separate coats [3]	Mil. units	16.3	16.1	21.1	13.1	17.8	16.1	18.3	17.9	18.3	16.2
Woven shirts, men's [4]	Mil. doz	28.2	20.8	20.4	17.4	18.2	15.0	14.9	13.1	13.1	11.6
Casual slacks	Mil. units	(NA)	123.6	207.6	153.3	287.5	199.5	87.2	89.0	71.3	61.5
Jeans	Mil. units						191.0	225.5	242.7	214.5	193.8
Work shirts (incl. flannels)	Mil. doz	4.0	4.1	3.4	2.9	4.0	3.8	3.8	3.6	3.3	3.1
FEMALE CLOTHING											
Blouses	Mil. doz	19.0	13.3	17.2	18.3	24.7	25.6	27.5	25.6	26.2	27.6
Dresses	Mil. units	281	251	190	174	193	190	183	176	163	167
Suits [5]	Mil. units	11.9	8.8	7.8	9.0	36.5	32.1	24.9	17.6	13.3	12.1
Slacks	Mil. doz	7.1	9.4	18.6	18.3	18.6	12.4	18.6	18.4	19.8	18.9
Jeans	Mil. doz						4.4	5.5	5.7	8.2	7.6
Skirts	Mil. doz	8.9	6.9	4.4	4.3	5.4	5.8	5.6	5.8	8.2	8.7
Untrimmed coats	Mil. units	19.1	17.0	20.5	18.4	19.0	18.9	18.4	17.0	14.5	12.6
Fur-trimmed coats	Mil. units	6.1	4.7								
Knit outerwear: Sweaters	Mil. doz	7.3	5.3	6.3	6.6	6.6	5.9	4.9	4.1	6.8	7.1
Sport shirts	Mil. doz	3.4	4.0	7.4	7.8	11.7	11.0	10.7	10.0	8.6	9.2

NA Not available. [1] Beginning 1975, excludes leisure suits. [2] Beginning 1970, includes uniform suits and coats. [3] *Includes men's and boys' coats.* Beginning 1975, excludes leisure coats. [4] Includes knit and woven dress and woven sport. [5] Beginning 1977, includes pant suits.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-23E, MA-23F, and MA-23G.

No. 1372. Nonrubber Footwear—Summary: 1960 to 1982

[**In millions of pairs, except as indicated.** See *Historical Statistics, Colonial Times to 1970*, series P 260-261, for men's and women's shoes]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Apparent consumption	**623.4**	**711.3**	**801.7**	**727.9**	**786.3**	**745.7**	**787.7**	**832.9**	**745.1**	**729.8**	**813.0**
Production, shoes and slippers	600.0	626.2	562.3	413.1	422.5	391.1	418.9	398.4	396.9	372.0	342.4
Percent exported	.5	.4	.4	1.1	1.4	1.3	1.7	2.3	1.6	2.6	2.6
Value (bil. dol.)	2.2	2.5	2.9	3.1	3.5	[1] 3.7	3.8	4.3	4.7	4.5	4.6
Shoes, sandals, playshoes (production) [2]	521.0	533.2	460.9	339.1	355.5	332.0	335.6	320.6	323.5	302.2	277.5
Men's, youths', boys'	124.7	143.8	143.5	121.2	128.1	116.8	116.8	103.8	102.5	98.5	81.5
Women's	279.8	280.0	230.2	154.1	155.9	145.0	145.4	145.9	143.1	135.1	131.8
Misses'	40.2	36.5	23.2	13.1	15.6	13.2	13.1	13.7	11.3	9.9	8.9
Children's	32.7	33.5	25.9	18.5	21.0	18.3	16.2	13.9	14.2	12.9	11.4
Infants' and babies'	36.6	32.5	29.0	24.2	24.9	22.7	23.2	22.6	23.7	23.6	22.6
Athletic shoes	7.0	7.0	9.0	7.9	10.1	16.0	20.9	20.5	24.4	17.8	16.7
Imports	26.6	87.6	241.5	319.4	369.8	360.0	375.7	443.6	403.5	369.0	479.5
Percent of total consumption	4.3	12.3	30.1	43.9	47.0	48.3	47.7	53.3	51.6	50.6	59.0

[1] Source: U.S. Bureau of the Census, *Census of Manufactures, 1977.* [2] Beginning 1980, includes items not shown separately.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series M31A.

No. 1373. Chemicals and Allied Products—Value of Shipments: 1970 to 1982

[**In millions of dollars.** "N.e.c." *means not elsewhere classified*]

PRODUCT	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982 [1]
Cyclic crudes and intermediates	2,014	4,141	4,202	5,231	5,514	5,515	7,386	7,732	8,570	7,570
Inorganic pigments	683	1,196	964	1,267	1,339	1,381	1,585	1,601	1,821	1,588
Industrial organic chemicals, n.e.c.	6,470	12,743	14,098	16,794	19,378	21,214	25,083	27,019	31,490	26,665
Industrial inorganic chemicals, n.e.c. [2]	4,109	4,609	4,675	5,751	6,920	7,977	9,294	10,327	10,090	9,662
Plastics materials and resins	4,562	8,444	7,747	10,455	12,181	13,783	16,964	18,014	20,172	17,408
Synthetic rubber (vulcanizable elastomers)	1,114	1,862	1,820	2,204	2,354	2,826	3,228	3,248	3,462	3,207
Organic fibers, noncellulosic	2,468	3,867	4,035	4,414	5,472	5,912	6,719	7,147	8,139	8,655
Biological products	351	684	788	874	1,068	1,216	1,421	1,599	1,857	2,293
Medicinals and botanicals	747	1,467	1,489	1,774	2,206	2,406	2,906	3,158	3,397	3,653
Pharmaceutical preparations	5,264	7,463	8,247	9,217	9,640	10,711	11,539	13,012	14,623	16,727
Soaps and detergents	2,509	3,500	3,963	4,490	5,000	5,551	6,107	7,081	7,914	7,890
Polishes and sanitation goods	1,306	1,980	2,196	2,432	2,669	3,029	3,112	3,359	3,634	4,085
Specialty cleaning and sanitation products	755	1,071	1,197	1,316	1,478	1,625	1,880	2,089	2,172	2,310
Toilet preparations [3]	3,770	4,797	5,178	5,883	6,394	6,792	7,510	8,209	9,248	10,462
Hair preparations (incl. shampoos)	1,034	1,129	1,306	1,408	1,475	1,466	1,719	2,003	2,123	2,425
Paints and allied products	3,019	4,578	4,672	5,415	6,123	6,671	7,403	7,682	8,591	8,617
Fertilizers [2]	1,394	5,203	6,588	6,026	6,845	6,931	7,985	9,981	9,897	9,677
Adhesives and sealants [4]	580	1,404	1,464	1,655	1,873	2,075	2,366	2,426	2,745	2,837

[1] Preliminary. [2] Beginning 1974, synthetic ammonia, nitric acid, and ammonium compounds included in fertilizers. [3] Includes products not shown separately. [4] Beginning 1974, excludes gelatin.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982* and *Annual Survey of Manufactures.*

NO. 1374. CHEMICALS—PRODUCTION, BY KIND: 1981 AND 1982

[**In thousands of short tons, except as indicated.** Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and by Government-owned privately operated plants. See *Historical Statistics, Colonial Times to 1970,* series P 248, 249, and 251, for sodium hydroxide, ammonia (anhydrous), and sulfuric acid, respectively]

CHEMICAL	1981	1982	CHEMICAL	1981	1982
Acetylene [1] (mil. cu. ft.)	5,172	3,828	Nitric acid (100% HNO_3)	9,093	7,390
Aluminum sulfate (17% Al_2O_3) [2]	1,294	1,154	Nitrogen (100%) (bil. cu. ft.)	490	484
Iron free	90	77	Nitrogen solutions (100% N) (bil. cu. ft.)	3,099	2,728
Ammonia, synthetic anhydrous	19,045	15,776	Oxygen (bil. cu. ft.)	431	349
Ammonium nitrate, original solution (100% NH_4NO_3)	8,861	7,091	Phosphoric acid (100% P_2O_5)	9,956	8,262
Ammonium sulfate, synthetic (technical) [3]	2,185	1,768	Phosphorus (white and red)	426	361
Argon, refined (mil. cu. ft.)	8,034	7,391	Potassium hydroxide (88-92% KOH)	238	179
Calcium carbide (commercial)	279	193	Potassium pyrophosphate (100% $K_4P_2O_7$)	18	18
Calcium phosphate dibasic (100% $CaHPO_4$)	785	786	Sodium bichromate and chromate	153	123
Carbon, activated [4]	122	96	Sodium chlorate (100% $NaClO_3$)	297	251
Carbon dioxide (liquid, gas, and solid) [5]	3,267	3,050	Sodium hydroxide (caustic soda) (100% NaOH)	10,621	9,139
Chlorine, gas [6]	10,763	9,176	Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) [8]	771	664
Chrome, yellow and orange (C.P.)	28	20	Sodium sulfate:		
Chrome orange, molybdate (C.P.)	10	7	High purity (more than 99% Na_2SO_4)	445	401
Hydrochloric acid (100% HCl)	2,574	2,460	Glauber's salt (100% $Na_2SO_4 \cdot 10H_2O$)	666	463
Hydrofluoric acid, anhydrous and aqueous (100% HF)	179	136	Sulfuric acid gross [9] (mil. sh. tons)	41	33
Hydrogen [7] (bil. cu. ft.)	105	89	Titanium dioxide [10] (100% TiO_2)	761	657
Hydrogen peroxide (100% by weight)	111	108			

[1] Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators. [2] Commercial; includes quantities produced and consumed by municipalities. [3] Excludes byproduct coke-oven production. [4] Includes data for decolorizing and water purification grades only. [5] Excludes quantities produced and consumed in plants manufacturing soda ash or urea for gas only. [6] Total production, including quantities liquefied for use, storage, or shipment. [7] Excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g. vented, used as fuel, etc. Excludes amounts of hydrogen produced in petroleum refineries for captive use. [8] Excludes amounts produced and consumed in making meta-, ortho-, and sesquisilicates. [9] 100% H_2SO_4. Includes sulfuric acid of oleum grades. [10] Composite and pure.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MA28A, MA28B, and MA28C.

NO. 1375. PETROLEUM AND COAL PRODUCTS—SHIPMENTS AND INVENTORIES: 1977 TO 1982

[**In millions of dollars.** See also table 1253]

ITEM AND PRODUCT	1977	1981	1982, prel.	ITEM AND PRODUCT	1977	1981	1982, prel.
Shipments, total	**93,947**	**216,383**	**201,035**	Petroleum refining [1]—Con.			
Petroleum refining [1]	88,590	207,555	192,125	Unfinished oils [2]	2,888	6,992	8,016
Gasoline	41,840	101,940	95,068	Asphalt	2,217	3,317	2,984
Jet fuel	5,359	14,802	15,412	Other petroleum products, and refinery products	4,870	11,738	8,452
Kerosene	893	1,704	1,887	Paving mixtures and blocks	1,519	2,278	2,832
Light fuel oil	17,509	37,436	37,303	Asphalt felts and coatings	1,829	2,764	2,644
Heavy oil	6,794	14,228	11,348	Lubricating oils [3]	1,514	2,897	2,725
Liquefied refinery gases	4,501	11,555	8,685	Other	495	889	709
Lubricating oils and greases	1,719	3,841	2,952	**Inventories, total** [4]	**5,656**	**10,563**	(NA)
				Petroleum refining	5,196	9,686	(NA)

NA Not available. [1] Petroleum refining by product class. [2] Includes lubricating oils base stock. [3] Includes greases not made in refining. [4] Includes lubricating oils and greases from purchased materials. Inventories as of end of reporting year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977,* MC 77-1-29A; *Annual Survey of Manufactures;* and *1982 Census of Manufactures.*

NO. 1376. RUBBER—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1965 TO 1982

[**In thousands of long tons.** Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content), neoprene, butyl, butadiene-acrylonitrile, polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
New supply	**2,581**	**3,042**	**3,547**	**3,285**	**2,826**	**3,332**	**2,557**	**3,772**	**3,816**	**3,114**	**3,127**	**2,621**
Domestic production [1]	2,094	2,398	2,768	2,492	2,077	2,496	2,600	2,830	2,889	2,302	2,293	1,868
Synthetic	1,813	2,197	2,566	2,358	1,958	2,387	2,481	2,705	2,764	2,215	2,206	1,795
Imports [2]	487	644	779	793	749	836	957	943	927	812	834	753
Natural	445	550	643	682	658	714	793	771	769	618	675	609
Exports [2]	**331**	**324**	**316**	**305**	**250**	**303**	**275**	**302**	**437**	**487**	**412**	**352**
Synthetic	282	299	295	284	226	281	252	284	416	465	398	339
Stocks, end of year [1]	**442**	**645**	**629**	**644**	**528**	**642**	**582**	**606**	**370**	**293**	**318**	**260**

[1] Includes reclaimed and synthetic. [2] Natural, synthetic and reclaimed.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MA-30A.

No. 1377. Selected Plastics Products—Value of Shipments: 1982 and 1983

[**In millions of dollars.** Based on survey. Covers companies engaged in the manufacture of plastics products for all types of molding, casting, forming, extruding, calendering, foaming, and laminating. The sample includes 1,670 establishments which report seven-digit product detail. Represents SIC 3079]

PRODUCT CODE	PRODUCT	1982	1983	PRODUCT CODE	PRODUCT	1982	1983
3079	**Fabricated plastics products n.e.c.[1]**	**37,496**	**42,542**	30795 10	Plastics bottles	1,633	1,679
30792	Plastics film and sheet, unsupported	6,025	6,706	30795 00	Plastics bottles n.s.k.[2]	289	296
	Packaging	2,367	2,459	30797	Plastics foam products	4,369	4,858
30792 13	Food	1,298	1,318	3079J	*Molded plastics products n.e.c.*[1]	11,365	13,187
30792 15	Non-food	1,068	1,142		*Injection molding*	5,519	6,419
30792 20	Building and construction	392	387	3079J 51	Transportation	1,124	1,573
30792 30	Electrical and electronic	265	371	3079J 52	Electrical and electronic	673	752
30792 40	Transportation	413	528	3079J 53	Building and construction	309	403
30792 50	*Furniture and furnishings*	99	106	3079J 54	Furniture and furnishings	174	199
30792 60	Photographic, micrographic, and X-ray	278	279	3079J 55	Consumer and institutional	2,163	2,330
30792 70	Other	1,045	1,210	3079J 56	Packaging	883	925
30792 00	Plastics film and sheet n.s.k.[2]	1,226	1,366	3079J 57	*Industrial machinery*	193	237
30794	Plastics piping	1,405	1,672	3079J 58	Compression/transfer	707	1,019
30794 21	*Drain, waste, and vent*	323	390	3079J 58	Transportation	207	250
30794 22	Sewer	160	203	3079J 59	Electrical and electronic	127	232
30794 23	Oil and gas	126	155	3079J 67	Building and construction	101	165
30794 24	Water	279	342	3079J 68	Consumer and institutional	139	159
30794 25	Industrial and mining [3]	164	162	3079J 69	Other	134	213
30794 26	Other	162	192		*Blow molding, except bottles*	361	361
30794 00	Plastics piping n.s.k.[2]	192	228		Rotational molding	156	148
30795	*Plastics bottles, total*	1,921	1,976		Casting	138	189
					Extrusion	140	163
				3079K	Miscellaneous plastics products n.e.c.[1]	7,854	8,957

[1] N.e.c.=Not elsewhere classified. Includes other products not shown separately. [2] N.s.k.=Not specified by kind. [3] Includes chemical and food processing.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-30D.

No. 1378. Iron and Steel Industry—Summary: 1965 to 1983

[The universe for financial data for 1982 represents companies who produced 82 percent of the reported raw steel production. The user should recognize that many of these companies produce and sell products and services other than those related to the steel industry; therefore the financial data reported represents the total operations of the steel companies. Minus sign (−) indicates net loss]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Steel mill products, apparent supply	*Mil. tons* [1]	100.6	97.1	89.0	108.4	116.6	115.0	95.2	105.4	76.4	83.5
Net shipments	Mil. tons [1]	92.7	90.8	80.0	91.1	97.9	100.3	83.9	88.5	61.6	67.6
Exports	Mil. tons [1]	2.5	7.1	3.0	2.0	2.4	2.8	4.1	2.9	1.8	1.2
Imports	Mil. tons [1]	10.4	13.4	12.0	19.3	21.1	17.5	15.5	19.9	16.7	17.1
Percent of total supply	Percent	10.3	13.8	13.5	17.8	18.1	15.2	16.3	18.9	21.8	20.5
Japan	Percent	(NA)	(NA)	6.6	7.2	5.6	5.5	6.3	5.9	6.8	5.1
EEC [2]	Percent	(NA)	(NA)	4.6	6.3	6.4	4.7	4.1	6.1	7.3	4.9
Canada	Percent	(NA)	(NA)	1.1	1.7	2.0	2.0	2.5	2.7	2.4	2.9
Scrap consumed	Mil. tons [1]	69.8	69.3	62.8	69.3	76.3	77.2	66.6	68.3	43.7	48.0
Scrap produced	Mil. tons [1]	46.7	46.4	40.1	42.4	44.8	45.4	36.9	38.4	23.5	23.6
Scrap inventory	Mil. tons [1]	6.0	6.5	7.6	7.7	6.9	7.4	6.9	7.1	5.5	5.0
Iron and steel products: Exports	Mil. tons [1]	3.1	8.1	4.1	3.2	3.5	3.8	5.1	3.8	2.6	1.8
Imports	Mil. tons [1]	12.0	14.6	13.9	21.7	24.1	20.3	17.9	22.6	18.8	19.3
Revenues	Bil. dol.	18.0	19.3	33.7	39.7	49.5	55.7	53.8	61.5	53.3	49.2
Net income	Bil. dol.	1.1	.5	1.6	(Z)	1.2	1.2	1.7	2.6	−3.2	−3.6
Stockholders' equity [3]	Bil. dol.	12.0	13.0	16.2	18.0	17.6	17.7	18.1	19.5	21.4	18.1
Total assets	Bil. dol.	18.8	23.6	30.4	35.4	38.4	40.2	43.7	47.1	49.7	49.0
Net fixed assets	Bil. dol.	10.0	14.1	16.9	19.7	20.3	21.3	22.4	22.9	29.8	29.8
Capital expenditures	Bil. dol.	1.8	1.7	3.2	2.9	2.5	3.3	3.4	3.4	4.2	3.2
Working capital ratio [4]	Ratio	2.4	1.9	2.0	1.8	1.8	1.7	1.7	1.8	1.5	1.4
Inventories	Bil. dol.	3.2	1.1	5.4	5.9	6.5	6.9	6.8	8.0	8.1	8.0
Average employment	1,000	584	531	457	452	449	453	399	391	289	243
Hours worked	Million	1,421	1,220	855	876	892	894	758	753	526	475
Index of output all employees [5]	1977=100	87	88	93	100	108	107	103	112	91	119
Capacity by steelmaking process	Mil. net tons	(NA)	(NA)	153.1	160.0	157.9	155.3	153.7	154.3	154.0	150.6
Producer price indexes: [6]											
Iron and steel, total	1967=100	97.9	115.1	200.9	230.4	253.6	283.5	305.2	333.8	339.0	343.4
Steel mill products	1967=100	97.5	114.2	197.2	229.9	254.5	280.4	302.7	337.6	349.5	352.8
Blast and electric furnace products	1967=100	100.3	114.8	264.7	257.1	260.0	296.7	307.4	316.2	316.6	309.3
Iron ore	1967=100	100.7	100.1	154.3	186.1	194.9	216.7	244.8	268.4	278.7	282.1
Scrap, iron and steel	1967=100	112.6	138.8	245.6	231.2	264.6	341.9	328.1	327.4	232.9	250.1
Foundry and forge shop products	1967=100	94.6	112.1	194.3	230.5	249.5	277.1	310.0	329.8	345.5	351.1

NA Not available. Z Less than $50 million. [1] In millions of short tons. [2] European Economic Community; includes Belgium, Denmark, France, Fed. Rep. of Germany, Ireland, Italy, Luxembourg, The Netherlands, and the United Kingdom. [3] 1965 and 1970, as of December 31; thereafter, as of *January 1*. [4] *Current* assets to current liabilities. [5] Index of output per employee hour. [6] Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

Source: Except as noted, American Iron and Steel Institute, Washington, DC, *Annual Statistical Report*. (Copyright.)

NO. 1379. RAW STEEL, PIG IRON AND FERROALLOYS PRODUCTION: 1965 TO 1983

[In millions, except percent. See also *Historical Statistics, Colonial Times to 1970*, series P 265-269]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
RAW STEEL (net tons)												
World production	503.1	654.2	782.8	712.0	745.6	741.8	790.6	824.5	790.4	778.4	710.7	[2] 731.6
U.S. production	131.5	131.5	145.7	116.6	128.0	125.3	137.0	136.3	111.8	120.8	74.6	84.6
Percent of world	26.2	20.1	18.6	16.4	17.2	16.9	17.3	16.5	14.2	15.5	10.5	11.6
Basic oxygen process	22.9	63.3	81.6	71.8	79.9	77.4	83.5	83.3	67.6	73.2	45.3	52.1
Electric	13.8	20.2	28.7	22.7	24.6	27.9	32.2	33.9	31.2	34.1	23.2	26.6
Open hearth [2]	94.8	48.0	35.5	22.2	23.5	20.0	21.3	19.1	13.0	13.5	6.1	5.9
Carbon	116.7	117.4	126.6	100.4	112.0	108.1	116.9	116.2	94.7	101.5	64.1	73.6
Alloy and stainless	14.8	14.1	19.1	16.3	16.0	17.2	20.1	20.1	17.1	19.3	10.5	10.8
PIG IRON AND FERROALLOYS (sh. ton)												
Total production [3]	**90.9**	**93.5**	**95.9**	**79.9**	**86.9**	**81.3**	**87.7**	**87.0**	**68.7**	**73.6**	**43.3**	**48.7**
Basic	80.4	86.4	91.2	75.9	82.9	78.2	84.5	84.0	67.0	71.2	42.6	48.1
Bessemer [4]	2.9	1.6	1.2	1.2	1.3	.4	.4	.2	-	.1	-	-
Foundry [5]	2.3	2.3	1.5	1.3	1.5	1.6	1.9	1.5	.7	1.2	.2	.1
All other	5.2	3.2	2.0	1.5	1.2	1.1	.9	1.3	1.0	1.1	1.0	.5

- Represent zero. [1] Preliminary. [2] 1965 includes Bessemer. [3] Beginning 1974, includes blast furnace ferroalloys. [4] Includes low phosphorus. [5] Includes ferrosilicon.

Source: American Iron and Steel Institute, Washington, DC, *Annual Statistical Report*. (Copyright.)

NO. 1380. MILL AND FOUNDRY PRODUCTS—SHIPMENTS: 1970 TO 1983

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983, prel.
Ferrous castings (1,000 sh. tons): [1]									
Gray iron castings [2 3 4]	13,945	13,328	16,014	16,124	15,402	11,799	11,801	8,215	7,233
Pressure pipe and fittings	1,691	1,380	1,653	1,690	1,546	1,396	1,249	1,100	1,231
Soil pipe and fittings	953	449	457	512	482	375	410	353	360
All other	11,301	11,499	13,904	13,922	13,374	10,028	10,142	6,762	5,642
Malleable iron castings [2]	852	770	815	790	715	450	422	284	293
For sale	521	484	479	455	376	206	200	119	97
For own use	331	286	336	335	339	244	222	166	196
Standard malleable	628	534	572	542	496	312	291	191	199
Pearlitic malleable	224	236	243	248	219	138	129	94	94
Steel castings [2 5]	1,724	2,026	1,667	1,857	2,039	1,878	1,743	1,017	727
Carbon	1,147	1,758	1,474	1,675	1,342	1,225	1,102	609	418
Alloy	577	268	193	182	697	653	641	408	309
Nonferrous castings (1,000 sh. tons): [2 3]									
Copper and copper-base alloy	440	350	351	371	396	296	290	228	(NA)
Aluminum and aluminum-base alloy	771	728	1,077	1,143	1,151	845	910	803	(NA)
Zinc and zinc-base alloy	398	356	394	380	332	243	235	202	(NA)
Magnesium and magnesium-base alloy	18	19	29	25	14	13	11	9	(NA)
Lead and lead-base alloy die [5]	28	21	17	23	22	23	19	19	(NA)
Copper-based products (mil. lb.)	**5,640**	**4,639**	**5,980**	**6,266**	**6,707**	**5,786**	**5,987**	**4,846**	(NA)
Brass mill products	2,513	2,025	2,668	2,712	2,976	2,467	2,622	2,014	(NA)
Alloyed [6]	1,542	1,324	1,726	1,750	1,869	1,508	1,695	1,247	(NA)
Unalloyed	971	701	942	962	1,107	959	927	767	(NA)
Copper wire mill products [7]	2,329	2,056	2,667	2,911	3,048	2,783	2,847	2,393	(NA)
Brass and bronze foundry products	751	512	583	580	617	489	471	405	(NA)
Copper-base powder mill products	47	46	64	63	66	47	47	34	(NA)
Aluminum mill products (mil. lb.) [8]	**7,358**	**7,427**	**10,442**	**11,346**	**11,241**	**10,485**	**10,329**	**9,116**	**10,624**
Plate, sheet, and foil	4,247	4,664	6,846	7,285	7,205	6,692	6,829	6,060	7,171
Extruded shapes and tubing	1,823	1,643	2,396	2,509	2,426	2,329	2,104	1,961	1,980
Rolled structural shapes, rod, bar, cable [9]	963	924	959	1,280	1,337	1,213	1,150	862	992
Powder, flake and paste	205	99	121	136	126	117	108	80	83
Forgings and impacts	120	97	121	136	147	134	139	[10] 152	[10] 173

NA Not available. [1] Based on a sample of foundries. [2] Beginning 1975, data not strictly comparable with 1970. [3] Includes shipments "for own use." [4] Includes ductile (nodular) iron castings. [5] Excludes lead die castings for battery plates and parts. [6] Excludes webbing scrap (military ammunition cups and discs). [7] Copper content. [8] Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products. [9] Includes wire. [10] Includes welded tubes.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33-2, M33A, M33E, and U.S. Bureau of the Census and U.S. International Trade Commission, *Current Industrial Reports*, series ITA-9008, annual.

No. 1381. Steel Products—Net Shipments, by Market Classes: 1965 to 1983

[**In thousands of short tons.** Comprises carbon, alloy, and stainless steel. "N.e.c." means not elsewhere classified]

MARKET CLASS	1965	1970	1975	1978	1979	1980	1981	1982	1983
Total [1]	**92,666**	**90,798**	**79,957**	**97,935**	**100,262**	**83,853**	**88,450**	**61,567**	**67,583**
Automotive	20,123	14,475	15,214	21,253	18,621	12,124	13,154	9,288	12,320
Steel service centers, distributors	14,813	16,025	12,700	17,333	18,246	16,172	17,637	13,067	16,710
Construction, incl. maintenance	11,836	8,913	8,119	9,612	9,978	8,742	8,446	6,283	7,271
Containers, packaging, shipping	7,331	7,775	6,053	6,595	6,772	5,551	5,292	4,470	4,532
Machinery, industrial equipment, tools	5,873	5,169	5,173	5,992	5,996	4,543	4,624	2,584	2,484
Steel for converting and processing	3,932	3,443	3,255	4,612	5,058	4,117	5,058	3,222	4,403
Rail transportation	3,805	3,098	3,152	3,549	4,111	3,155	2,162	1,020	937
Contractors' products	5,018	4,440	3,927	3,480	3,745	3,148	3,230	2,287	2,703
Oil and gas industries	1,936	3,550	4,171	4,140	3,739	5,371	6,238	2,745	1,296
Electrical equipment	2,985	2,694	2,173	2,811	2,819	2,441	2,600	2,003	2,337
Appliances, utensils, and cutlery	2,179	2,160	1,653	2,094	2,140	1,725	1,775	1,337	1,618
Other domestic commercial equipment	2,179	1,778	1,390	1,889	2,073	1,701	1,622	1,247	1,363
Exports (reporting companies only)	2,078	5,985	1,755	1,224	2,007	2,595	1,845	832	544
Agricultural, incl. machinery	1,483	1,126	1,429	1,805	1,971	1,240	1,229	944	699
Independent forgers, n.e.c.	1,250	1,048	1,098	1,192	1,254	933	1,035	579	573
Industrial fasteners [2]	1,234	1,005	675	870	934	590	648	404	440
Shipbuilding and marine equipment	1,051	859	1,413	845	924	1,201	1,101	399	471
Mining, quarrying, and lumbering	392	497	596	508	569	454	493	254	262
Ordnance and other military	289	1,222	405	207	204	177	166	203	244
Aircraft and aerospace	94	56	69	60	60	53	37	30	21

[1] Total includes nonclassified shipments. [2] Bolts, nuts, rivets, and screws.

Source: American Iron and Steel Institute, Washington, DC, Annual Statistical Report. (Copyright.)

No. 1382. Machine Tool Orders and Shipments: 1960 to 1983

[**In millions of dollars.** *These data represent total industry volume based on reports from members of the National Machine Tool Builders' Association. The reporting companies produce about 90 percent of the U.S. machine tool output*]

YEAR	METAL CUTTING TYPE TOOLS					METAL FORMING TYPE TOOLS				
	New orders (net)		Shipments		Order backlog, end of period	New orders (net)		Shipments		Order backlog, end of period
	Total	Domestic	Total	Domestic		Total	Domestic	Total	Domestic	
1960	535	375	542	421	344	210	153	203	160	100
1961	592	401	541	367	394	183	136	210	156	73
1962	572	469	613	450	354	245	193	208	156	109
1963	760	607	638	526	475	302	263	257	215	153
1964	1,039	861	845	679	669	540	487	320	281	374
1965	1,252	1,123	1,023	886	899	442	410	403	363	412
1966	1,630	1,483	1,222	1,098	1,307	446	401	463	437	394
1967	1,135	1,025	1,353	1,211	1,089	287	248	453	407	228
1968	1,079	960	1,358	1,238	810	395	361	369	324	255
1969	1,195	1,033	1,192	1,077	812	533	484	405	369	383
1970	651	507	993	827	471	261	227	450	412	235
1971	609	524	672	554	408	252	223	326	286	162
1972	1,009	877	714	827	702	403	368	304	267	261
1973	1,825	1,550	1,074	935	1,454	787	717	427	388	621
1974	2,017	1,716	1,446	1,241	2,025	566	406	565	522	521
1975	916	781	1,879	1,548	1,062	361	213	573	485	219
1976	1,662	1,477	1,482	1,270	1,242	541	509	578	474	209
1977	2,202	1,981	1,651	1,470	1,794	793	731	630	560	384
1978	3,373	3,043	2,189	1,960	2,981	973	897	825	729	518
1979	4,495	3,866	2,830	2,606	4,546	1,126	920	947	860	619
1980	3,885	3,496	3,681	3,206	4,750	870	665	1,011	879	385
1981	2,228	1,946	4,105	3,552	2,873	717	617	991	824	427
1982	1,064	890	2,895	2,599	1,043	433	372	710	600	151
1983	1,152	1,069	1,372	1,200	823	545	489	474	430	222

Source: National Machine Tool Builders Association, McLean, VA; data published in U.S. Bureau of Economic Analysis, *Business Statistics, 1979*, for 1960–1976; thereafter, *Survey of Current Business*, monthly.

No. 1383. Selected Heating Equipment—Summary of Shipments: 1975 to 1982

[*Included in SIC major group 34; represents companies with 20 or more employees*]

ITEM	QUANTITY (1,000 units)					VALUE (mil. dol.)				
	1975	1979	1980	1981	1982	1975	1979	1980	1981	1982
Domestic heating stoves	1,097	2,608	1,735	1,163	975	80	310	363	279	230
Oil burners, sold separately	554	666	482	472	423	63	101	95	93	83
Gas-fired unit heaters	101	182	119	201	187	22	52	39	63	61
Floor and wall furnaces	361	327	290	251	257	32	46	49	45	49
Solar energy collectors [1]	(NA)	[2] 227	303	255	179	(NA)	[2] 33	47	61	61
Mechanical stokers	(Z)	2	12	3	2	5	11	14	22	17
Duct furnaces	14	24	17	10	(NA)	5	9	9	6	(NA)

NA Not available. Z Less than 500. [1] For related data, see table 987. [2] Excludes concentrating collectors.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-34N.

NO. 1384. MACHINE TOOLS INDUSTRY—SUMMARY: 1972 TO 1982

[In millions of dollars, except as noted. Included in SIC 3541 and 3542]

ITEM	METAL CUTTING					METAL FORMING				
	1972	1977	1979	1981	1982	1972	1977	1979	1981	1982
Employment, total (1,000)	52.5	59.4	69.1	74.3	58.7	24.1	23.7	27.0	24.0	19.5
Salaries and wages	573.8	949.0	1,304.1	1,633.0	1,331.8	265.4	360.7	485.6	496.8	439.0
Production workers (1,000)	33.4	37.2	45.7	47.9	34.8	16.6	16.1	18.7	16.0	12.1
Work-hours (million)	68.2	76.3	95.9	98.5	65.6	34.7	32.8	37.5	30.8	23.3
Workers wages	325.9	540.7	786.9	964.1	718.9	163.8	219.4	305.1	294.9	245.6
Value added	901.7	1,866.1	2,833.8	3,739.9	(NA)	417.7	721.9	1,004.0	976.5	(NA)
Supplemental labor cost	81.0	191.4	288.4	355.9	(NA)	38.8	73.5	104.1	113.3	(NA)
Cost of materials	536.3	1,047.7	1,736.9	2,181.3	1,604.7	285.3	444.0	687.0	662.7	574.7
Shipments, value [1]	1,418.1	2,812.7	4,389.0	5,865.3	4,466.2	693.6	1,130.6	1,663.5	1,615.7	1,426.3
New capital expenditures	35.2	80.4	147.6	233.2	151.3	17.5	24.7	58.1	63.0	43.2
Inventories	482.0	877.9	1,242.2	1,485.5	(NA)	242.8	359.6	447.0	479.7	(NA)
Assets, total	840.6	1,034.6	1,333.1	1,626.9	(NA)	386.6	443.3	566.2	636.0	(NA)
Rents, total	12.5	19.8	22.6	30.6	(NA)	6.2	7.6	9.2	9.6	(NA)
Exports, value	189.8	317.7	550.3	978.9	654.1	123.6	207.1	343.3	471.4	371.9
Imports, value	104.6	383.3	984.6	1,497.9	1,271.3	35.1	93.0	236.4	224.3	228.5

NA Not available. [1] See footnote 7, table 1337.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, 1977,* and *1982,* and *Annual Survey of Manufactures.*

NO. 1385. ROBOTICS—SUMMARY: 1980 TO 1983

[A robot is a computerized device described as "a reprogrammable, multifunctional manipulator designed to move material, parts, tools, or specialized devices through variable programmed motions for the performance of a variety of tasks." Excludes Communist countries. Based on survey of 30 producers, 15 importers, and 80 purchasers of robotics. Producers responding represent 90 percent of the value of U.S. shipment]

COUNTRY	Unit	1980	1981	1982	1983
Robots installed worldwide, total [1]	Number	24,000	35,000	50,000	.....
Japan	Number	14,246	21,684	31,900	.....
United States	**Number**	**3,849**	**4,700**	**7,232**	.....
West Germany	Number	823	2,301	3,500	.....
Sweden	Number	1,133	1,700	(NA)	.....
France	Number	200	620	993	.....
United Kingdom	Number	371	713	977	.....
Italy	Number	400	450	600	.....
Belgium	Number	(NA)	44	305	.....
Canada	Number	(NA)	214	273	.....
Switzerland	Number	(NA)	(NA)	200	.....

ITEM	Unit	1980	1981	1982	1983
U.S. domestic shipments, by type [1]	Number	808	1,507	2,107	2,666
Value	Mil. dol	43.3	90.1	122.5	134.9
Assemblers and material handlers	Number	153	259	550	1,025
Spot welders	Number	344	644	434	372
Arc welders	Number	52	57	91	196
Loaders/unloaders	Number	111	167	163	188
Coaters	Number	-	26	156	153
U.S. exports	Number	340	413	428	631
Value	Mil. dol	20.8	23.3	20.3	33.7
U.S. R&D expenditures	Mil. dol	9.5	15.4	26.5	30.4

- Represents zero. NA Not available. [1] Includes other not shown separately; excludes exports.

Source: U.S. International Trade Commission, *Competitive Position of U.S. Producers of Robotics in Domestic and World Markets,* December 1983.

NO. 1386. ELECTRONIC COMPUTING EQUIPMENT INDUSTRY—SHIPMENTS: 1977 AND 1982

[Industry 3573 includes establishments primarily engaged in the manufacture of computers, peripheral equipment for computers, and parts. Establishment data were tabulated based on 1972 Standard Industrial Classification (SIC) definitions, and *1977 SIC Supplement.* Establishments in this industry accounted for 94 percent of products considered primary to the industry. Data include both primary and secondary products, as well as all miscellaneous receipts such as receipts for contract work, installation and repair, sales of scrap, and sales of products bought and resold without further processing]

PRODUCT AND PRODUCT CLASS	QUANTITY (1,000)		VALUE (mil. dol.)	
	1977	1982	1977	1982
Total (Census)	(X)	(X)	**12,673**	**35,111**
Total (CIR MA35-R)	(X)	(X)	12,644	35,295
Electronic computers	(X)	(X)	3,579	11,336
Gen. purpose computers	90	2,171	2,785	10,707
Digital	90	2,165	2,785	10,615
Analog	(1)	6	(1)	92
Special purpose computers	69	22	795	629
Peripheral equipment	(X)	(X)	6,026	14,584
Auxiliary storage equip:				
Direct access units:				
Magnetic disk drives	(2)	2,356	(2)	3,625
Other	(2)	161	(2)	409
Serial access	(3)	215	(3)	918

PRODUCT AND PRODUCT CLASS	QUANTITY (1,000)		VALUE (mil. dol.)	
	1977	1982	1977	1982
Peripheral—Con.:				
Magnetic storage media:				
Disks	4,386	55,258	1,978	708
Rigid	4,386	7,765	1,978	298
Flexible (floppy)		47,493		411
Drum and other	847	9	866	69
Input/Output equipment	388	539	970	1,963
Computer terminals:				
General purpose	(NA)	1,512	(NA)	2,801
Special purp. terminals:				
Graphics	52	103	177	328
Other		111		326
Communications equip:				
Carrier	(4)	278	(4)	179
Modems	56	94	72	140
Digital multiplexers	23	197	156	391
Parts	(X)	(X)	2,835	8,527

NA Not available. X Not applicable. [1] Included with special purpose. [2] Included with floppy disc. [3] Included with magnetic storage media for computers. [4] Included with modems over 4,800 baud setting.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1982,* MC 82-I-35F-1(P).

No. 1387. Machinery (Except Electrical)—Industry Summary: 1977 and 1982

SIC code	Industry	1977				1982					
		Employees		Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)	Employees		Production workers		Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)
		Number (1,000)	Payroll (mil. dol.)			Number (1,000)	Payroll (mil. dol.)	Number (1,000)	Wages (mil. dol.)		
35	**Total**	**2,083**	**30,558**	**122,188**	**4,402**	**2,177**	**46,644**	**1,347**	**24,904**	**187,601**	**8,481**
351	Engines and turbines [1]	130	2,238	10,426	330	111	2,806	70	1,637	12,917	461
3511	*Turbines and turbine generator sets*	41	709	2,730	44	33	876	19	435	3,676	128
352	Farm and garden machinery [1]	151	2,197	11,857	371	114	2,388	75	1,406	13,222	393
3523	Farm machinery and equipment	131	1,972	10,282	342	96	2,070	63	1,207	10,856	342
3524	Lawn and garden equipment	20	225	1,575	29	18	318	12	199	2,365	51
353	*Constr. and related mach.* [1]	333	5,097	23,682	932	325	7,325	197	3,967	31,950	1,666
3531	Construction machinery	155	2,547	12,629	496	116	2,685	73	1,531	11,731	504
3532	Mining machinery	31	426	1,997	67	24	519	14	274	2,101	63
3533	Oil field machinery	59	868	3,912	258	99	2,348	60	1,299	11,218	908
3535	Conveyors and conveying equip.	33	477	1,898	35	36	744	20	337	2,888	58
354	*Metalworking machinery* [1]	298	4,514	13,283	439	283	6,066	198	3,868	18,119	702
3541	Mach. tools, metal cutting types	60	951	2,819	82	59	1,332	35	719	4,468	151
3544	*Special dies, tools, jigs, and fixtures*	106	1,706	3,901	176	103	2,299	82	1,690	5,380	233
3545	Machine tool accessories	54	763	2,385	77	56	1,069	39	692	3,158	145
355	*Special industry machinery* [1]	165	2,616	9,128	244	183	3,753	107	1,931	13,516	409
3551	Food products machinery	36	522	1,787	47	33	699	21	391	2,346	59
3555	*Printing trades machinery*	28	369	1,351	47	29	613	16	296	2,354	72
356	General industrial machinery [1]	313	4,451	16,542	553	309	6,403	195	3,598	24,099	903
3561	Pumps and pumping equip.	63	901	3,774	124	68	1,483	39	773	6,212	226
3562	Ball and roller bearings	51	753	2,567	133	43	889	33	637	3,083	164
3563	Air and gas compressors	32	466	2,076	56	32	700	17	339	3,170	117
3564	*Blowers and fans*	28	357	1,431	38	29	549	19	307	2,109	57
357	Office and comput. machines [1]	259	3,949	16,842	826	405	9,466	172	2,883	43,563	2,773
3573	Electronic computing equipment	193	3,004	12,924	652	340	8,110	140	2,359	37,403	2,495
3579	Office machines, n.e.c.,[2] and typewriters	42	639	2,720	112	43	940	21	355	4,198	195
358	*Refrig. and service machinery* [1]	192	2,516	12,416	288	172	3,362	117	2,036	16,230	425
3585	Refrigeration and heating equip.	139	1,850	9,638	233	121	2,395	85	1,538	12,176	330
359	Miscellaneous machinery, except electrical	223	2,980	8,012	421	275	5,075	216	3,579	13,983	729

[1] Includes industries not shown separately. [2] N.e.c. means not elsewhere classified.

No. 1388. Electric and Electronic Equipment—Industry Summary: 1977 and 1982

SIC code	Industry	1977				1982					
		Employees		Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)	Employees		Production workers		Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)
		Number (1,000)	Payroll (mil. dol.)			Number (1,000)	Payroll (mil. dol.)	Number (1,000)	Wages (mil. dol.)		
36	**Total**	**1,723**	**22,544**	**88,433**	**2,867**	**1,925**	**38,714**	**1,201**	**19,370**	**148,877**	**7,587**
361	Electric distributing equipment [1]	115	1,431	5,772	141	105	1,994	73	1,178	8,168	220
3612	Transformers	43	530	2,209	67	39	740	29	465	2,952	78
3613	*Switchgear and switchboard apparatus*	72	902	3,563	74	66	1,254	44	713	5,216	142
362	Electrical industrial apparatus [1]	198	2,543	9,591	311	193	3,742	126	2,088	13,947	679
3621	Motors and generators	97	1,178	4,463	163	87	1,616	63	1,027	6,294	280
3622	Industrial controls	55	727	2,511	58	64	1,269	34	548	4,277	178
363	*Household appliances* [2]	162	1,898	10,737	207	129	2,222	98	1,532	12,674	302
3631	Household cooking equipment	25	289	1,707	36	24	403	17	255	2,418	52
3632	Household refrigs. and freezers	36	469	2,577	47	22	438	18	339	2,456	78
3633	Household laundry equipment	19	262	1,793	27	16	334	13	261	2,117	35
3634	Electric housewares and fans	47	459	2,531	48	39	542	30	345	3,158	72
364	*Electric lighting and wiring equip.* [1]	165	1,925	8,357	217	160	2,730	118	1,746	12,104	341
3641	Electric lamps	29	322	1,651	37	23	402	19	314	2,096	61
3643	Current-carrying wiring devices	44	480	1,795	56	45	711	33	427	2,558	90
3644	Noncurrent-carrying wiring devices	26	330	1,422	33	26	510	18	314	2,400	69
365	Radio and TV receiving equip. [1]	98	1,097	6,913	136	64	1,134	46	695	7,776	170
3651	*Radio and TV receiving sets*	75	852	5,732	106	48	853	35	543	6,098	137
366	Communication equipment [1]	459	6,995	22,744	689	608	14,171	316	5,868	46,676	2,334
3661	Telephone and telegraph apparatus	124	1,818	7,858	217	137	3,015	86	1,616	13,462	513
3662	Radio and TV comm. equip.	334	5,177	14,886	471	471	11,155	230	4,253	33,214	1,822
367	Electronic components and accessories [1]	374	4,557	15,390	783	515	9,760	324	4,639	34,495	3,002
3671	Electron tubes, all types	37	514	1,582	53	35	755	24	460	2,258	87
3674	*Semicond. and related devices*	114	1,601	5,327	409	165	3,717	80	1,264	13,250	1,711
3678	Electronic connectors	26	304	1,105	40	39	673	27	411	2,519	166
369	Miscellaneous electrical equipment and supplies [1]	152	2,098	8,930	383	150	2,961	100	1,624	13,038	538
3691	Storage batteries	26	359	1,983	122	23	473	18	347	2,431	110
3693	*X-ray, electromedical and electrotherapeutic apparatus*	31	468	1,885	63	49	1,097	23	370	4,557	243
3694	Engine electrical equipment	64	948	3,647	146	45	894	34	593	3,732	105

[1] Includes industries not shown separately.

Source of tables 1387 and 1388: U.S. Bureau of the Census, *Census of Manufactures, 1982.*

No. 1389. Electronic Computing Equipment Industry—Summary: 1973 to 1982

[In millions of dollars, except as indicated. Data for the noncensus years (all years except 1977 and 1982) are based on sample surveys and are therefore subject to sampling errors. Included in SIC 3573. See source for further detail]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Employment, total (1,000)	155.3	176.7	162.5	165.7	192.7	232.1	273.9	304.6	320.7	339.6
Salaries and wages	1,873	2,222	2,292	2,451	3,004	3,814	4,777	5,916	6,951	8,110
Production workers (1,000)	74.9	86.6	73.8	71.3	85.5	102.9	122.0	134.7	136.0	140.3
Work-hours (million)	151.4	173.0	145.9	144.0	172.4	202.3	243.8	268.7	263.0	275.8
Workers wages	660	795	731	707	978	1,267	1,546	1,875	2,116	2,359
Value added	4,238	5,205	4,960	6,108	7,624	9,628	12,465	14,717	17,746	(NA)
Supplemental labor cost	237	312	343	399	528	698	904	1,097	1,296	(NA)
Cost of materials	3,481	4,164	3,705	4,380	5,701	7,519	9,985	12,787	14,774	17,637
Value of shipments	7,423	9,122	8,560	10,388	12,924	16,558	21,466	26,594	32,032	37,403
New capital expenditures	207	296	292	373	652	1,101	1,317	1,706	2,125	2,495
Inventories	2,005	2,478	2,264	2,294	3,008	3,989	5,524	6,879	7,863	(NA)
Assets, total	1,857	2,085	2,232	2,353	3,042	4,076	5,196	6,790	8,451	(NA)
Rents, total	60.7	74.6	82.2	95.9	112.4	147.3	204.1	250.6	292.4	(NA)
Ratio of—										
Cost of materials, supplemental labor cost, and salaries and wages to value of shipments	.753	.753	.741	.696	.714	.727	.730	.745	.719	(NA)
Cost of materials to value of shipments	.469	.457	.433	.422	.441	.454	.465	.481	.461	.472
Value added to value of shipments	.571	.571	.548	.588	.590	.581	.581	.553	.554	(NA)
Value added to work-hours	27.99	30.09	32.15	42.42	44.22	47.59	51.13	54.77	67.48	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982*, and *Annual Survey of Manufactures.*

No. 1390. Electronic Components and Accessories Industry—Summary: 1973 to 1982

[In millions of dollars, except as indicated. Included in SIC 367. See headnote, table 1389]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Employment, total (1,000)	394.8	381.7	302.3	323.0	373.5	412.3	467.6	498.6	503.5	514.9
Salaries and wages	3,474	3,686	3,358	3,763	4,557	5,294	6,461	7,780	8,664	9,760
Production workers (1,000)	283.2	266.3	197.6	218.8	257.9	286.7	324.5	336.6	325.5	323.9
Work-hours (million)	555.9	519.8	389.3	438.7	508.7	556.9	635.2	650.1	631.3	624.5
Workers wages	1,971	1,974	1,705	1,964	2,457	2,887	3,484	4,050	4,366	4,639
Value added	6,596	6,963	5,984	7,568	9,260	10,981	14,213	16,902	18,537	(NA)
Supplemental labor cost	481	571	538	669	811	998	1,232	1,497	1,723	(NA)
Cost of materials	4,437	4,635	3,984	5,008	6,390	7,210	9,206	11,434	12,159	13,591
Value of shipments	10,783	11,301	10,089	12,433	15,390	17,912	22,708	27,647	30,421	34,495
New capital expenditures	629	785	536	651	783	1,119	1,591	2,616	2,459	3,002
Inventories	1,965	2,286	2,050	2,320	2,773	3,275	4,376	5,388	5,745	(NA)
Assets, total	4,083	4,469	4,868	5,228	6,026	6,964	8,142	10,615	12,567	(NA)
Rents, total	81	97	108	112	107	115	145	189	247	(NA)
Ratio of—										
Cost of materials to value of shipments	.411	.410	.395	.403	.415	.403	.405	.414	.400	.394
Value added to value of shipments	.612	.616	.593	.609	.602	.613	.627	.611	.609	(NA)
Value added to work-hours	11.87	13.40	15.37	17.25	18.20	19.72	22.38	26.00	29.36	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977* and *1982*, and *Annual Survey of Manufactures.*

No. 1391. Electronic Components—Factory Sales: 1972 to 1983

[In millions of dollars]

PRODUCT	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total sales [1]	**6,994**	**9,906**	**10,403**	**9,286**	**10,884**	**13,033**	**16,440**	**20,644**	**24,276**	**25,240**	**26,807**	**30,932**
Active components	2,725	4,094	4,310	3,651	4,666	5,154	6,301	8,201	10,180	9,814	9,908	11,639
Electron tubes	1,258	1,338	1,196	1,071	1,233	1,296	1,451	1,586	1,778	2,014	1,908	2,039
TV tubes	651	722	613	499	637	633	732	799	959	1,069	936	1,024
Semiconductors	1,467	2,756	3,114	2,580	3,433	3,858	4,850	6,615	8,402	[2] 7,800	[2] 8,000	[2] 9,600
Integrated circuits	718	1,421	1,767	1,458	2,032	2,464	3,261	4,671	6,360	(NA)	(NA)	(NA)
Transistors [3]	359	634	668	522	621	631	670	792	806	(NA)	(NA)	(NA)
Diodes and rectifiers	314	391	438	329	390	394	457	557	613	(NA)	(NA)	(NA)
Other	76	310	241	271	390	369	462	595	623	(NA)	(NA)	(NA)
Passive components	1,184	1,594	1,726	1,438	1,589	1,842	2,137	2,599	2,908	2,891	2,725	2,990
Capacitors	438	612	676	470	608	744	897	1,050	1,299	1,297	1,135	1,247
Resistors	411	537	514	447	449	477	504	647	653	636	583	638
Coils and transformers	335	445	536	489	485	560	654	791	838	819	869	[2] 950
Passive networks	(NA)	(NA)	(NA)	32	47	61	82	111	118	139	138	153
R & D expenditures [4]	455	485	586	501	427	598	622	803	909	956	922	(NA)

NA Not available. [1] Includes components not shown separately. [2] Estimated. [3] Includes dual transistors for 1972 and 1973. [4] Electronic research and development, test and evaluation (receipts or billings not reported as shipments of specific products). Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA36N, annual.

Source: Except as noted, Electronic Industries Association, Washington, DC., *Electronic Market Data Book*, annual (copyright).

No. 1392. Motor Vehicles and Equipment Industry—Summary: 1967 to 1982

[ASM=Annual Survey of Manufactures]

Industry and year	Establishments (number)	All employees		Production workers			Value added by manufacture (mil. dol.)	Cost of materials (mil. dol.)	Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)	Gross value of fixed assets (mil. dol.)	End-of-year inventories (mil. dol.)
		Number (1,000)	Payroll (mil. dol.)	Number (1,000)	Hours (mil.)	Wages (mil. dol.)						
Motor vehicle and car bodies:												
1967 Census	181	321	2,699	262	524	2,098	7,354	19,965	27,296	263	3,889	1,802
1970 ASM	(NA)	305	3,033	245	477	2,297	7,348	20,531	27,751	306	4,753	2,075
1972 Census	231	339	4,300	284	568	3,405	11,783	31,170	42,906	917	5,422	2,184
1973 ASM	(NA)	369	5,147	309	657	4,097	13,666	36,677	50,228	806	5,490	2,532
1974 ASM	(NA)	320	4,601	262	515	3,568	10,849	33,167	43,869	1,043	6,332	2,899
1975 ASM	(NA)	283	4,340	235	447	3,405	10,441	34,795	45,340	656	6,334	2,640
1976 ASM	(NA)	324	5,877	274	560	4,732	15,644	47,190	62,717	1,047	6,767	3,380
1977 Census	322	344	7,078	290	620	5,725	18,724	58,132	76,518	1,706	(NA)	4,011
1978 ASM	(NA)	359	7,846	304	628	6,358	20,491	64,615	84,901	1,877	(NA)	4,410
1979 ASM	(NA)	349	8,150	292	591	6,497	20,753	64,227	85,147	1,906	(NA)	4,492
1980 ASM	(NA)	274	6,904	221	427	5,400	13,817	52,297	66,257	2,290	(NA)	4,123
1981 ASM	(NA)	272	7,600	223	431	6,008	15,621	58,326	74,273	4,697	13,426	3,579
1982 Census [1]	339	239	6,809	193	362	5,251	(NA)	55,529	70,732	2,308	(NA)	(NA)
Motor vehicle parts, accessories:												
1967 Census	1,674	365	2,891	300	609	2,244	5,712	5,943	11,624	572	5,519	1,469
1970 ASM	(NA)	357	3,357	290	588	2,561	6,432	6,664	13,073	562	6,770	1,822
1972 Census	2,119	401	4,602	332	696	3,620	9,165	9,330	18,334	1,113	7,858	2,050
1973 ASM	(NA)	444	5,491	371	782	4,357	10,641	11,273	21,607	1,034	8,035	2,633
1974 ASM	(NA)	410	5,248	337	676	4,070	10,250	11,686	21,656	1,290	9,296	3,140
1975 ASM	(NA)	362	4,963	294	577	3,799	9,986	11,961	22,030	1,114	9,879	2,685
1976 ASM	(NA)	410	6,454	340	699	5,074	13,709	15,859	29,024	962	10,116	3,668
1977 Census	2,623	451	8,004	373	777	6,285	16,264	19,750	35,751	1,842	(NA)	4,124
1978 ASM	(NA)	476	9,099	391	811	7,145	18,377	22,193	40,283	2,458	(NA)	4,537
1979 ASM	(NA)	459	9,087	373	746	7,009	18,034	22,062	39,807	2,751	(NA)	5,091
1980 ASM	(NA)	369	7,886	287	549	5,869	14,719	17,974	32,881	3,093	(NA)	4,565
1981 ASM	(NA)	359	8,413	285	549	6,333	17,261	19,847	37,081	3,309	19,392	4,460
1982 Census [1]	2,411	322	7,660	252	483	5,665	(NA)	18,611	35,861	1,866	(NA)	(NA)
Truck trailers:												
1967 Census	179	23	147	18	36	105	269	445	714	22	143	130
1970 ASM	(NA)	23	162	17	34	114	283	492	777	20	194	134
1972 Census	255	25	206	20	38	149	449	685	1,118	15	208	191
1973 ASM	(NA)	30	250	24	46	183	506	865	1,370	28	227	260
1974 ASM	(NA)	30	276	24	45	198	569	1,087	1,637	30	255	309
1975 ASM	(NA)	19	187	14	26	121	356	536	922	33	273	234
1976 ASM	(NA)	21	234	16	31	158	488	817	1,297	15	251	239
1977 Census	353	28	322	23	43	230	646	1,285	1,910	36	(NA)	355
1978 ASM	(NA)	32	403	26	50	287	939	1,604	2,498	39	(NA)	448
1979 ASM	(NA)	36	476	28	54	342	1,135	1,993	3,088	37	(NA)	493
1980 ASM	(NA)	28	412	21	39	281	834	1,581	2,436	55	(NA)	441
1981 ASM	(NA)	26	410	20	39	289	655	1,524	2,206	55	462	374
1982 Census [1]	322	19	335	14	27	220	(NA)	1,185	1,808	38	(NA)	(NA)

NA Not available. [1] Preliminary.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, 1972, 1977,* and *1982,* and *Annual Survey of Manufactures.*

No. 1393. Transportation Equipment—Value of Shipments: 1970 to 1982

[In millions of dollars. "N.e.c." means not elsewhere classified]

Type of equipment	1970	1972	1975	1977	1978	1979	1980	1981	1982, prel.
Aircraft [1 2]	8,722	7,538	10,881	12,053	13,610	18,925	23,366	25,109	25,716
Complete aircraft, *military*	3,833	2,803	4,017	4,580	3,719	4,430	5,892	6,870	10,647
Complete aircraft, personal and utility	3,176	474	1,003	2,034	6,372	10,883	13,053	13,137	9,367
Complete aircraft, except personal and *utility*		2,787	3,653	2,672					
Aircraft engines and engine parts	4,594	3,070	4,488	4,995	6,028	7,884	10,010	11,556	11,804
Aircraft equipment, n.e.c	5,273	3,437	4,842	5,762	6,456	8,052	9,946	10,509	11,238
Boat building and repairing	644	1,031	1,290	1,822	2,103	2,238	2,129	2,249	2,320
Motor homes built on purchased chassis	(NA)	(NA)	(NA)	1,495	2,005	962	836	1,169	1,039
Motor vehicles and car bodies [1]	26,811	41,046	43,394	72,979	80,551	80,133	61,428	69,457	67,267
Passenger cars and car chassis	19,391	29,246	26,883	47,799	50,815	50,306	42,417	47,586	43,005
Trucks, truck tractors, and truck chassis	5,734	9,586	11,872	21,544	25,830	25,640	15,493	17,515	19,378
Motor vehicle parts and accessories	13,189	19,417	23,023	37,842	42,952	42,906	35,627	40,215	37,674
Motorcycles, bicycles; and parts	395	541	705	847	1,001	1,112	1,160	1,160	993
Railroad equipment	(D)	2,284	3,685	4,002	5,207	7,313	7,173	4,597	2,869
Ship building and repairing [1 3]	2,594	3,201	5,513	6,270	6,688	7,466	8,889	10,690	10,579
Self-propelled ships, military (new)	1,066	1,100	1,768	2,212	2,282	2,512	2,903	3,351	4,095
Self-propelled ships, nonmilitary (new)	514	816	1,806	1,917	1,861	1,890	1,810	1,873	1,876
Travel trailers and campers	(NA)	1,277	1,083	1,478	1,539	1,068	845	951	1,057
Truck and bus bodies	(NA)	(NA)	(NA)	1,881	2,166	2,297	2,074	2,236	2,322
Truck trailers	765	1,079	878	1,807	2,390	2,935	2,263	2,057	1,686

D Withheld to avoid disclosure. NA Not available. [1] Includes data for products not shown separately. [2] See table 1078 for number of civil aircraft shipments. [3] Value of work done.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, 1977,* and *1982* and *Annual Survey of Manufactures.*

No. 1394. Home Appliances and Home and Auto Electronics—Shipments and Retail Value: 1979 to 1983

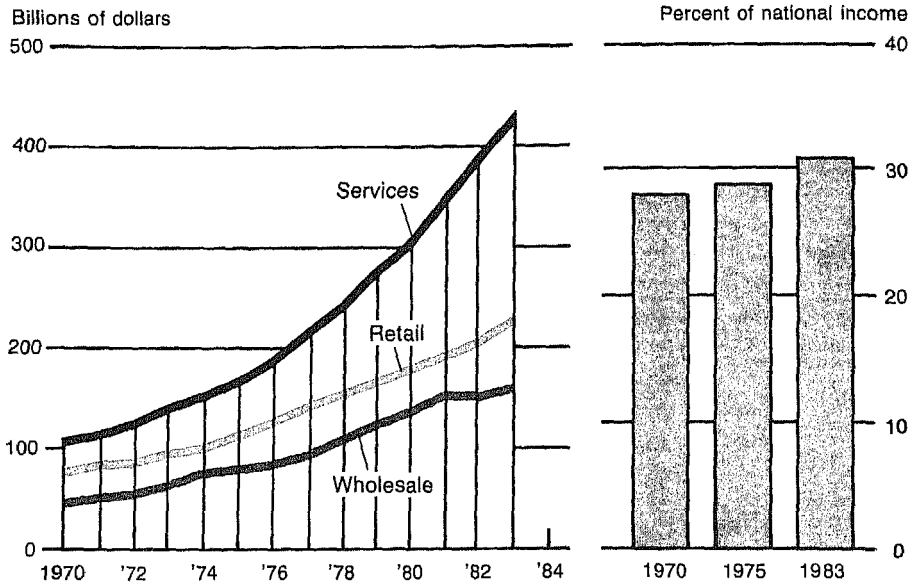
[Compiled from reports of associations and manufacturers. Retail value represents median price of product times the number of units shipped. Except as indicated, covers electric appliances only]

Product	Manufacturers shipments (1,000 units)					Retail value (mil. dol.)				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
Major appliances	**35,911**	**32,725**	**33,363**	**29,010**	**34,654**	**12,544**	**12,299**	**13,434**	**12,130**	**14,527**
Air treatment	4,680	4,129	4,378	3,417	2,696	1,512	1,379	1,620	1,333	1,054
Air conditioners	3,749	3,187	3,547	2,747	2,005	1,327	1,186	1,426	1,173	882
Dehumidifiers	684	718	601	492	494	98	111	102	88	90
Air cleaners, electronic	247	224	230	178	196196	87	83	91	72	82
Kitchen appliances [1]	21,935	20,083	20,583	18,054	23,274	8,214	8,091	8,877	7,958	10,105
Refrigerators [2]	5,701	5,173	4,997	4,365	5,255	3,187	3,093	3,227	2,937	3,607
Microwave ovens	2,815	3,585	4,575	4,201	6,006	1,311	1,612	2,275	1,979	2,586
Ranges, electric	3,003	2,544	2,413	2,041	2,839	1,152	1,048	1,026	902	1,299
Dishwashers	3,488	2,721	2,573	2,181	3,054	1,138	959	952	846	1,205
Freezers [3]	1,859	1,715	1,589	1,290	1,166	699	731	724	621	568
Ranges, gas	1,794	1,534	1,501	1,383	1,578	643	583	619	585	695
Disposers	3,316	2,885	3,067	2,693	3,514	295	277	321	293	395
Ranges, smooth top	220	155	134	103	104	139	93	60	64	66
Trash compactors	239	191	171	145	152	60	51	49	43	46
Home laundry	7,999	7,187	7,087	6,403	7,426	2,612	2,500	2,597	2,538	3,034
Compact appliances [4]	1,297	1,326	1,315	1,136	1,259	296	328	340	300	334
Video	**18,846**	**21,151**	**23,773**	**26,308**	**34,190**	**6,130**	**7,208**	**8,256**	**8,653**	**10,881**
TV, color	9,793	10,855	11,262	11,377	13,939	4,618	5,284	5,665	5,641	6,695
Videocassette recorders	478	804	1,330	2,030	4,020	431	700	1,057	1,344	2,303
TV, black and white	6,281	6,149	5,542	5,750	5,761	682	685	616	626	614
Prerecorded videotape/ cassettes	2,158	3,151	5,172	6,510	9,606	154	210	380	407	521
TV projection	63	77	121	117	142	183	210	272	277	285
Video cameras	73	115	186	284	410	62	120	186	265	358
Videodisc players	(NA)	(NA)	160	240	312	(NA)	(NA)	80	93	106
Audio/HiFi	**67,776**	**69,067**	**73,923**	**71,939**	**81,274**	**4,887**	**5,195**	**4,933**	**4,586**	**4,620**
Components [5]	9,087	8,919	8,431	8,192	8,599	1,669	1,704	1,561	1,475	1,518
Speakers	3,850	3,735	3,197	2,970	3,237	601	624	454	418	452
Receivers	1,450	1,465	1,440	1,421	1,550	399	415	420	381	390
Turntables	2,433	2,336	2,304	2,239	2,120	316	311	322	314	280
Tape decks	675	716	784	836	880	184	178	173	175	172
Portable tape units	20,298	23,366	28,093	28,050	29,903	1,165	1,447	1,588	1,474	1,441
Radios	28,550	27,012	27,881	26,518	28,188	919	868	863	819	863
Compact systems	4,341	3,945	3,578	2,966	2,748	939	884	693	584	550
Headphones	2,000	2,080	2,241	2,584	2,809	98	180	113	114	125
Cartridges	3,500	3,745	3,699	3,629	3,774	98	112	115	118	122
Autosound	18,630	18,362	19,823	20,741	21,132	1,518	1,487	1,656	1,773	1,851
Blank tape	**244,753**	**260,063**	**273,104**	**290,204**	**325,191**	**687**	**852**	**1,039**	**1,191**	**1,380**
Audiotape/cassettes	234,786	244,747	246,393	251,781	263,501	511	595	629	639	654
Videotape/cassettes	9,967	15,316	26,711	38,423	61,690	176	258	410	552	725
VHS	5,400	9,288	17,350	26,216	45,820	103	167	282	393	550
Beta	4,567	6,028	9,361	12,207	15,870	73	90	128	159	175
Personal electronics [6]	**67,441**	**74,230**	**113,524**	**142,838**	**200,920**	**2,006**	**2,180**	**3,437**	**4,572**	**6,386**
Video game software	(NA)	(NA)	36,000	61,000	68,320	(NA)	(NA)	972	1,525	1,700
Calculators	25,380	26,502	28,260	29,030	30,895	843	841	832	902	925
Video games	2,700	2,806	4,010	6,542	6,280	201	328	519	847	488
Telephones	2,244	2,643	3,155	5,521	19,135	163	223	289	472	1,168
Telephone answering devices	495	579	697	868	2,094	81	93	112	132	264
Personal computers	246	371	750	1,950	4,500	(NA)	(NA)	(NA)	(NA)	(NA)
Electronics furniture	(NA)	(NA)	4,144	4,628	5,168	(NA)	(NA)	487	557	668
Kitchen electrics [5]	**80,261**	**82,501**	**81,549**	**79,772**	**83,912**	**2,144**	**2,349**	**2,443**	**2,432**	**2,595**
Coffee makers	12,104	12,957	12,655	12,690	13,288	298	338	348	357	378
Irons	10,340	11,184	10,882	10,797	11,390	287	317	326	334	359
Toasters	8,916	9,291	9,249	8,934	9,535	252	268	290	293	326
Mixers, food	5,568	5,626	5,330	5,217	5,322	156	160	171	172	179
Food processors	3,000	3,180	3,186	2,689	2,786	183	204	198	172	187
Corn Poppers	5,280	5,543	5,777	5,778	5,814	130	141	156	160	158
Fans	12,930	17,100	19,283	19,751	21,003	504	1,287	1,485	1,437	1,524
Kerosene heaters	(NA)	(NA)	2,633	3,981	2,910	(NA)	(NA)	461	498	309
Portable electric heaters	4,957	4,569	4,551	4,609	4,163	178	196	203	207	190
Air purifiers	(NA)	(NA)	4,300	5,650	5,368	(NA)	(NA)	118	148	140
Humidifiers	850	821	869	895	898	81	86	94	101	104
Vaporizers	1,400	1,624	1,747	1,808	1,853	14	18	20	22	23
Floor care	**9,857**	**9,446**	**9,812**	**9,383**	**10,152**	**1,130**	**1,136**	**1,229**	**1,148**	**1,271**
Vacuum cleaners	8,199	7,727	8,005	7,603	8,230	1,085	1,089	1,177	1,099	1,213
Other	1,658	1,719	1,807	1,780	1,922	45	47	52	49	57
Personal care [5]	**51,084**	**54,290**	**54,682**	**55,063**	**60,217**	**886**	**981**	**1,026**	**1,063**	**1,273**
Hair dryers	18,488	18,865	18,359	18,413	18,857	313	317	309	316	317
Shavers	5,960	6,007	6,179	6,367	6,805	177	190	196	206	213
Scales, bathroom	5,518	5,886	6,100	6,178	6,993	78	97	113	122	160
Cookware and bakeware	106,723	110,229	110,482	106,298	118,257	1,354	1,449	1,538	1,562	1,859
Clocks	26,664	27,291	29,605	30,327	31,406	417	462	530	550	582
Outdoor products	11,098	11,572	12,190	12,638	13,280	253	282	315	349	369
Home security	12,308	15,791	17,079	17,340	18,406	209	303	338	336	363

NA Not available. [1] Excludes duplication; therefore, sum of components will exceed total. [2] 6.5 cu. ft. and over. [3] 10 cu. ft. and over. [4] Refrigerators, freezers, washers, and dryers. [5] Includes others not shown separately. [6] Excludes value of personal computers.

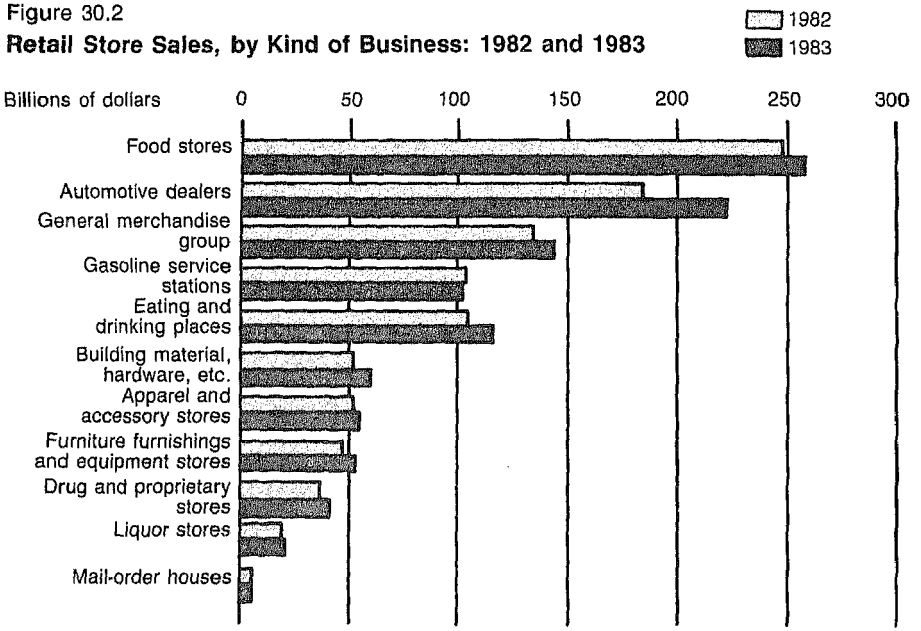
Source: Gralla Publications, Inc., New York, NY, *Merchandising*, 62nd Annual Statistical and Marketing Report.

Figure 30.1
National Income Originating in Domestic Trade and Services: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1395.

Figure 30.2
Retail Store Sales, by Kind of Business: 1982 and 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1399.

1985

Section 30

Domestic Trade and Services

This section presents statistics relating to the distributive trades and service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g., personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on national income originating in trade and services appear in the monthly *Survey of Current Business,* issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual *Statistics of Income,* published by the Internal Revenue Service.

Censuses.—Censuses of retail trade, wholesale trade, and the service industries have been taken at various intervals since 1929. Beginning with the 1967 Census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are those classified in 3 divisions defined in the *Standard Industrial Classification Manual, 1972* (see text, page 388). *Retail Trade* refers to places of business primarily engaged in selling merchandise for personal or household consumption; *Wholesale Trade,* to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and *Services,* to establishments primarily engaged in providing a wide range of services for individuals and for businesses.

Data from the 1958 Censuses of Retail Trade and Selected Services exclude nonemployer establishments which had annual receipts of less than $2,500 and $1,000, respectively. Beginning with the 1963 censuses, nonemployer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached specified annual totals had they operated the entire year. The Census of Wholesale Trade excludes establishments with no paid employees. Beginning in 1977, sales taxes and finance charges are excluded in sales (or receipt) figures of the three censuses.

Prior to 1977, the Census of Selected Services excluded health services (except dental laboratories), educational services, social services, membership organizations, and others performing a professional or scientific service (except engineering, architectural, and surveying services). These were covered (except religious organizations and private households) in the 1977 census and the title changed to the Census of Service Industries. However, while most of these industries were again included in the 1982 census, some were not. In 1982, data were not collected for arrangement of passenger transportation, hospitals, elementry and secondary schools, colleges and universities, labor unions and similar organizations, and political organizations. Also in 1977, tax-exempt service industries were covered for the first time.

The Census of Retail Trade beginning in 1977 excludes nonemployer direct sellers. In 1982, the census treated each leased department in a store as a separate establishment and classified it according to the kind-of-business it conducted. In prior years, data for leased departments were consolidated with the data for stores in which they were located.

In the retail and service censuses prior to 1982, combined data for all establishments (nonemployer firms plus establishments of employer firms) were presented for selected kind-of-business classifications. In 1982 these data could not be published by kind-of-business because many nonemployer firms were miscoded by the Internal Revenue Service (IRS) into miscellaneous categories rather than specific kind-of-business. For retail trade, total establishment summary data are available but kind-of-business detail are available only for establishments with payroll; for service industries only data for employee establishments are available.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trade and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, and sales of organizations operating 11 or more retail stores (see table 1400), for the United States, by kind of business. In addition, monthly retail sales data for census regions and divisions, 19 large States, 23 large standard metro-

politan statistical areas, and 5 large cities are included. Annual figures on sales, yearend inventories, and sales/inventories ratios, by kind of business, appear in the *Annual Retail Trade Report.*

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by major summary groups—durable and nondurable—and seclected kinds of businesses. These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report.* Annual figures on sales, sales-inventory ratios, and yearend inventories appear in the *Annual Wholesale Trade Report.*

The *Service Annual Survey* provides annual estimates of receipts for selected service establishments for the United States as a whole.

For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1395. National Income Originating in Domestic Trade and Service Industries: 1970 to 1983

[**In billions of dollars, except percent.** For definition of national income, see text, p. 427. Refers to national income without capital consumption adjustment. Data represent net value added at factor cost. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970,* series T 1–14, for single-year data prior to revisions issued in 1981]

INDUSTRY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
National income, total	**814.8**	**1,267.4**	**1,413.0**	**1,586.0**	**1,802.0**	**2,015.8**	**2,174.0**	**2,414.0**	**2,486.9**	**2,651.9**
Wholesale and retail trade	**123.5**	**195.3**	**215.3**	**238.8**	**267.4**	**296.6**	**316.6**	**349.4**	**358.9**	**386.4**
Percent of total national income	15.2	15.4	15.3	15.1	14.8	14.7	14.6	14.5	14.4	14.6
Wholesale trade	46.9	81.1	87.6	97.8	109.8	126.3	137.6	153.8	153.0	161.2
Retail trade	76.6	114.2	127.7	140.9	157.6	170.3	179.1	195.6	206.0	225.2
Services	**104.1**	**188.7**	**188.7**	**212.1**	**240.7**	**274.0**	**310.0**	**350.6**	**387.0**	**426.6**
Percent of total national income	12.8	13.3	13.4	13.4	13.4	13.6	14.3	14.4	15.6	16.1
Hotels and other lodging places	4.5	7.0	8.0	8.9	10.9	12.6	13.8	15.1	15.8	17.4
Personal services	7.6	8.6	9.4	10.4	11.6	12.5	13.3	14.0	15.0	16.4
Miscellaneous business services	15.0	24.0	27.8	32.8	38.5	46.5	53.0	61.4	69.1	77.9
Auto repair, services, and garages	3.7	6.2	7.0	8.1	9.5	10.4	11.2	12.5	12.8	13.7
Miscellaneous repair services	2.2	3.6	3.9	4.5	5.2	5.8	6.8	7.0	7.3	7.5
Motion pictures	1.7	1.9	2.5	3.0	3.8	4.1	3.8	4.1	4.5	5.2
Amusement and recreation services	3.2	5.2	5.9	6.8	7.4	8.1	9.0	10.9	10.7	11.9
Medical and other health services	29.4	54.1	60.8	68.0	76.0	86.1	99.6	115.3	131.0	144.9
Legal services	6.7	11.5	12.7	14.4	16.1	18.4	21.3	23.7	28.1	32.5
Educational services	7.0	11.0	11.4	11.7	12.7	14.0	15.4	17.0	18.5	19.8
Membership organization [1]	10.0	15.6	16.8	18.1	20.4	22.4	24.9	27.0	29.2	31.4
Miscellaneous professional services	8.8	15.4	17.0	19.5	22.5	26.4	31.0	36.3	37.4	40.4
Private households	4.5	4.6	5.4	5.9	6.2	6.5	6.6	7.0	7.6	7.8

[1] Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July issues.

No. 1396. Persons Employed in Domestic Trade and Service Industries: 1970 to 1983

[**In thousands.** Data represent worker years of full-time equivalent employment by persons working for wages or salaries and by active partners and proprietors of unincorporated businesses. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 15–28, for single year data prior to minor revisions issued in 1981]

INDUSTRY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Wholesale and retail	**14,764**	**16,230**	**16,800**	**17,526**	**18,468**	**19,081**	**19,060**	**19,267**	**19,077**	**19,459**
Wholesale trade	4,105	4,482	4,647	4,786	5,021	5,287	5,345	5,470	5,355	5,355
Retail trade	10,659	11,748	12,153	12,740	13,447	13,794	13,715	13,797	13,722	14,104
Services	**13,250**	**15,185**	**15,744**	**16,506**	**17,467**	**18,351**	**18,999**	**19,716**	**20,085**	**20,843**
Hotels and other lodging places	993	1,097	1,100	1,162	1,194	1,224	1,252	1,301	1,330	1,368
Personal services	1,323	1,135	1,167	1,195	1,225	1,260	1,270	1,276	1,272	1,315
Business services	1,655	2,024	2,144	2,319	2,590	2,857	3,045	3,237	3,311	3,689
Auto repair, services, garages	494	598	635	675	733	784	786	815	851	866
Misc. repair services	312	388	390	413	428	467	461	507	501	507
Motion pictures	180	211	217	231	239	250	243	264	259	267
Amusement, recreational services	397	508	541	569	604	631	665	678	684	698
Health services	2,878	4,046	4,219	4,432	4,662	4,878	5,119	5,374	5,550	5,711
Legal services	385	465	498	542	577	615	643	683	729	766
Educational services	998	1,184	1,185	1,189	1,213	1,251	1,296	1,321	1,344	1,255
Membership organizations [1]	1,756	1,856	1,898	1,916	2,035	2,124	2,180	2,182	2,160	2,292
Misc. professional services	726	887	936	1,009	1,114	1,207	1,284	1,338	1,367	1,374
Private households	1,153	786	814	854	853	803	755	740	727	735

[1] Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 1397. Retail Trade—Summary: 1954 to 1982

[Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 through 1982 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43–47 and T 79–91]

ITEM	Unit	1954	1958	1963	1967	1972	1977	1982
Firms, total	1,000	(NA)	(NA)	1,532	1,577	1,665	1,567	(NA)
Multiunit establishments [1]	1,000	167	[2] 183	220	220	291	332	(NA)
Establishments, total	1,000	1,722	1,795	1,708	1,763	1,780	1,855	1,923
With payroll	1,000	1,124	1,185	1,206	1,192	1,265	1,304	1,330
With sales of $1,000,000 or more	1,000	(NA)	(NA)	(NA)	(NA)	74	118	(NA)
Consumer Price Index: [3]								
All items	1967=100	80.2	86.6	91.7	100.0	125.3	181.5	289.1
All commodities	1967=100	85.9	90.6	93.6	100.0	120.9	174.7	263.8
Sales	Bil. dol.	170.0	200.4	244.2	310.2	457.4	723.1	1,065.9
By establishments with payroll	Bil. dol.	157.9	187.8	233.1	295.2	440.2	699.6	1,039.0
By multiunit establishments [1]	Bil. dol.	51.2	[2] 67.2	89.5	123.5	201.8	340.7	(NA)
Percent of total sales	Percent	30.1	33.5	36.6	39.8	44.0	47.1	(NA)
Percent of multiunit sales by 101-or-more establishment multiunits [1]	Percent	41.8	42.4	43.1	46.7	55.8	55.8	(NA)
In 1972 dollars [4]	Bil. dol.	245.6	270.8	313.5	369.7	457.4	540.0	532.5
Percent of sales by corporations	Percent	48.4	53.0	61.9	67.4	76.4	79.8	(NA)
Per capita sales: [5]								
Current dollars	Dollars	1,055	1,156	1,296	1,571	2,186	3,291	4,599
Constant (1972) dollars [4]	Dollars	1,524	1,562	1,663	1,873	2,186	2,457	2,298
Sales as percent of personal income	Percent	58.6	[2] 55.5	52.4	49.3	48.1	46.9	41.5
Sales, inside SMSA's [6]	Bil. dol.	(NA)	[2] 133.0	169.8	221.4	(NA)	551.8	(NA)
Percent of total sales	Percent	(NA)	66.4	69.5	71.4	(NA)	76.3	(NA)
Percent of SMSA sales in central cities	Percent	(NA)	64.0	57.2	55.0	(NA)	(NA)	(NA)
Payroll, entire year	Bil. dol.	18.2	21.7	27.6	36.2	55.4	85.9	123.6
Percent of sales	Percent	11.5	[2] 11.5	11.3	11.7	12.1	11.9	11.6
Paid employees, March 12 workweek [7]	1,000	7,124	7,942	8,410	9,381	11,211	13,040	14,466
Active proprietors of unincorporated businesses	1,000	1,766	1,825	1,546	1,624	(NA)	(NA)	(NA)

NA Not available. [1] Establishments operated by firms which operate at two or more locations. [2] Excludes Alaska and Hawaii. [3] Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*. For 1982, CPI-U, see text page 466. [4] Source: U.S. Bureau of Economic Analysis. [5] Based on estimated resident population as of July 1. [6] For definition of SMSA, see Appendix II. [7] 1954–1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1954*, vol. I; *1958*, vol. I; *1963*, vol. I; *1967*, vol. I; and *Census of Retail Trade, 1972*, RC 72-S-1, *1977*, RC 77-52 and *1982*, RC 82-A-52.

No. 1398. Retail Trade Sales—Summary: 1967 to 1984

(*Data reflect* use of a sample based on definition and classifications according to the 1977 Census of *Retail Trade* and are adjusted for methodological revision effective in August 1977. Based on Current Business Survey, see Appendix III. Minus sign (—) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series T 197, 245, 246, and 255]

Year	Current dollars							Constant (1972) dollars [2]		
	Total sales (bil. dol.)	Annual percent change	Per capita [1] (dol.)	Index of sales (1972=100)	Durable goods (bil. dol.)	Nondurable goods (bil. dol.)		Total sales (bil. dol.)	Annual percent change	Per capita [1] (dol.)
						Total	Dept. stores			
1967	293.0	(3)	1,484	65.2	88.7	204.2	31.1	350.9	(3)	1,777
1968	324.4	10.7	1,627	72.2	101.7	222.7	34.6	372.3	6.1	1,867
1969	346.7	6.9	1,722	77.2	108.6	238.1	37.0	383.0	2.9	1,902
1970	368.4	6.3	1,808	82.0	109.2	259.2	38.5	391.1	2.1	1,917
1971	406.2	10.3	1,964	90.4	128.8	277.4	43.1	416.0	6.4	2,011
1972	449.1	10.6	2,146	100.0	148.4	300.6	49.1	447.8	7.6	2,140
1973	509.5	13.4	2,411	113.4	172.9	336.6	54.7	478.9	6.9	2,266
1974	541.0	6.2	2,536	120.5	169.4	371.6	57.7	458.2	−4.3	2,148
1975	588.1	8.7	2,729	131.0	183.0	405.2	61.8	461.5	.7	2,142
1976	657.4	11.8	3,022	146.4	217.8	439.6	68.2	490.6	6.3	2,255
1977	725.2	10.3	3,300	161.5	248.7	476.5	76.5	516.2	5.2	2,349
1978	806.9	11.3	3,633	179.7	278.5	528.4	84.1	539.8	4.6	2,430
1979	899.4	11.5	4,005	200.3	302.1	597.2	89.2	551.0	2.1	2,454
1980	960.8	6.8	4,228	213.9	292.4	668.4	93.3	535.0	−2.9	2,354
1081	1,043.5	8.6	4,546	232.4	315.7	727.8	103.9	541.3	1.2	2,358
1982	1,074.6	3.0	4,636	239.3	324.5	750.1	107.9	536.0	−1.0	2,312
1983	1,174.0	9.3	5,018	261.4	385.1	788.8	116.7	573.0	6.9	2,449
1984, Jan.–June [4]	618.7	[5] 13.3	2,628	(X)	220.0	398.7	54.7	297.6	[5] 10.6	1,260

X Not applicable. [1] Based on Bureau of the Census estimates of resident population as of July 1, except 1984, as of March 1. [2] Source: Bureau of Economic Analysis. Based on seasonally adjusted monthly totals, except 1984. [3] 1966 data not comparable with 1967. [4] Data unadjusted for seasonal variation and trading day differences. [5] Change from Jan.–June, 1983.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business* and *Business Conditions Digest*, both monthly.

No. 1399. Retail Trade—Sales, by Kind of Business: 1967 to 1984

[**In billions of dollars.** Based on 1972 Standard Industrial Classification. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245–271]

Kind of business	1967	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984, Jan.–June [1]
Retail trade, total	293.0	368.4	588.1	725.2	806.9	899.4	960.8	1,043.5	1,074.6	1,174.0	618.7
Durable goods stores, total [2]	88.7	109.2	183.0	248.7	278.5	302.1	292.4	315.7	324.5	385.1	220.0
Automotive dealers	53.8	62.6	106.6	150.0	166.2	174.9	158.6	174.3	182.6	221.7	134.6
Motor vehicle, misc. automotive dealers	49.7	56.9	96.8	137.1	152.3	159.0	141.0	155.1	162.9	200.2	123.5
Motor vehicle dealers	48.0	55.0	89.0	128.8	143.2	148.8	132.6	146.2	154.0	190.3	117.4
Motor vehicle dealers, franchised	45.0	51.8	84.2	121.9	134.9	139.6	125.3	137.2	145.1	178.3	110.8
Auto and home supply stores	4.2	5.6	9.9	12.9	13.9	15.9	17.6	19.2	19.7	21.5	11.1
Building materials, hardware, garden supply, mobile home dealers [2]	13.3	17.6	27.0	38.9	45.1	51.0	50.8	52.4	51.3	59.9	32.7
Building materials, supply stores	9.0	11.2	18.0	27.1	31.9	36.3	35.1	36.0	35.6	43.1	23.7
Hardware stores	2.8	3.2	5.1	6.1	6.7	8.0	8.5	8.8	9.1	9.7	4.9
Furniture, home furnishings, equipment [2]	14.2	17.7	26.9	33.2	36.7	42.2	43.9	46.4	46.1	51.8	27.0
Furniture, home furnishings stores	6.3	10.6	16.2	20.3	22.5	25.5	26.2	27.3	26.9	30.6	16.3
Household appliance, radio, TV	5.0	6.0	8.3	10.0	10.7	12.8	13.8	15.0	15.2	17.3	8.8
Nondurable goods stores, total [2]	204.2	259.2	405.2	476.5	528.4	597.2	668.4	727.8	750.1	788.8	398.7
Apparel and accessory stores [2]	16.3	20.2	31.3	35.6	40.5	43.4	46.2	50.3	51.4	54.0	26.3
Men's, boys' clothing, furnishings	3.4	4.4	6.4	6.9	7.5	7.8	7.8	8.2	8.0	8.2	3.8
Women's clothing, specialty stores, furriers	6.4	7.7	12.4	13.5	15.7	16.7	17.2	18.6	19.4	21.3	10.8
Women's ready-to-wear stores	5.3	6.7	11.3	12.4	14.5	15.3	15.7	16.9	17.8	19.7	10.0
Family clothing stores	3.1	3.8	6.6	8.1	8.3	8.6	9.8	10.7	11.5	11.9	5.6
Shoe stores	2.9	3.6	4.6	5.7	6.6	7.7	8.3	9.3	8.9	9.3	4.6
Drug and proprietary stores	10.8	13.8	19.9	23.2	25.4	28.2	30.6	33.6	36.0	38.8	20.2
Eating and drinking places	23.5	31.1	51.1	63.3	71.8	82.2	90.2	98.3	104.7	115.7	60.5
Food stores	69.4	88.7	138.4	157.9	175.4	198.5	221.5	238.4	249.3	259.4	134.0
Grocery stores	64.2	81.5	129.2	147.8	164.3	185.8	206.8	222.4	233.3	243.9	126.0
Gasoline service stations	22.6	29.2	47.5	56.5	60.5	75.1	97.0	107.7	103.5	103.1	51.8
General merchandise group stores	41.0	50.3	78.0	93.5	103.3	110.3	115.7	128.2	132.6	143.0	66.6
Department stores	31.1	38.5	61.8	76.5	84.1	89.2	93.3	103.9	107.9	116.7	54.7
Variety stores	5.3	6.6	8.0	7.1	7.4	8.1	8.2	8.7	8.8	9.3	4.3
Misc. gen. merchandise group stores [3]	(S)	(S)	(S)	(S)	11.8	13.1	14.2	15.6	15.9	17.0	7.5
Liquor stores	6.6	8.3	11.8	13.0	13.8	15.6	17.5	18.6	19.4	19.7	9.2
Non-store retailers	(NA)	(NA)	(NA)	(NA)	18.7	20.5	22.7	23.2	23.1	23.6	11.8
Mail-order houses (department store merchandise)	(NA)	(NA)	(NA)	(NA)	4.4	4.4	4.5	4.3	4.2	4.4	2.1

NA Not available. S Estimate does not meet publication standards. [1] Unadjusted for seasonal variation. [2] Includes kinds of business not shown separately. [3] Includes catalog showroom stores.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

No. 1400. Retail Trade—Sales of Multiunit Organizations: 1979 to 1983

[**In billions of dollars.** Data based on sales of companies which had 11 or more retail establishments according to the most recent update of multiestablishment files selected with certainty (i.e., their sales size exceeded specified dollar volume cutoffs which varied by kind of business). For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197-219]

KIND OF BUSINESS	SALES					PERCENT OF TOTAL RETAIL SALES				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
Total sales	**308.7**	**337.7**	**372.0**	**389.7**	**415.6**	**34.3**	**35.1**	**35.5**	**36.3**	**35.4**
Durable goods stores	**24.1**	**24.7**	**25.9**	**28.2**	**32.8**	**8.0**	**8.5**	**8.5**	**8.7**	**8.5**
Auto and home supply stores	3.5	3.7	4.0	4.1	4.4	22.0	21.0	20.8	20.8	20.5
Nondurable goods stores [1]	**284.6**	**312.9**	**345.1**	**361.5**	**382.8**	**47.7**	**46.8**	**47.4**	**48.2**	**48.5**
Apparel and accessory stores [1]	16.0	17.0	18.7	20.1	22.2	36.9	36.8	37.2	39.1	41.1
Women's apparel, accessories	7.0	7.4	8.1	8.4	9.5	41.9	43.0	43.5	43.3	44.7
Shoe stores	3.2	3.5	3.9	4.3	4.8	41.6	42.2	41.9	48.3	51.6
Drug and proprietary stores	14.2	16.2	17.9	19.4	21.6	50.4	52.9	53.3	53.9	55.7
Food stores	104.2	115.1	127.6	135.5	141.4	52.5	52.0	53.5	54.4	54.5
Grocery stores	103.0	113.7	125.7	133.6	139.4	55.4	55.0	56.5	57.3	57.2
General merchandise group	99.4	105.2	115.3	119.5	129.0	90.1	90.9	90.1	90.1	90.2
Department stores	85.6	90.7	99.5	103.2	111.6	96.0	97.2	95.8	95.6	95.7
Variety stores	6.2	6.6	6.9	7.1	7.3	76.5	80.5	79.3	80.7	78.5
Misc. general merchandise group stores	7.6	7.9	8.9	9.2	10.1	58.0	55.6	57.1	57.9	59.4
Eating and drinking places	16.5	18.4	20.3	22.1	24.4	22.7	23.1	23.4	23.7	23.5

[1] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade Reports*.

No. 1401. Retail Trade—Merchandise Inventories and Sales-Inventory Ratios: 1978 to 1982

[As of **Dec. 31.** Includes warehouses. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES AT COST [1] (bil. dol.)					SALES-INVENTORY RATIOS [2]				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Total	**100.1**	**108.0**	**112.7**	**122.6**	**122.2**	**8.1**	**8.3**	**8.5**	**8.5**	**8.8**
Total (excluding automotive dealers)	**74.9**	**81.3**	**88.1**	**96.0**	**96.7**	**8.6**	**8.9**	**9.1**	**9.0**	**9.2**
Durable goods stores [3]	**49.4**	**53.0**	**53.4**	**58.0**	**56.2**	**5.6**	**5.7**	**5.5**	**5.4**	**5.8**
Automotive dealers	25.2	26.7	24.5	26.6	25.5	6.6	6.6	6.5	6.6	7.2
Motor vehicle and misc. automotive dealers	22.5	23.5	21.2	23.2	22.0	6.8	6.8	6.7	6.7	7.4
Motor vehicle dealers	20.1	21.1	18.9	20.6	19.5	7.1	7.1	7.0	7.1	7.9
Motor vehicle dealers (franchised)	19.1	19.9	18.0	19.6	18.5	7.1	7.0	7.0	7.0	7.9
Automotive and home supply stores	2.8	3.2	3.4	3.4	3.5	5.0	5.0	5.2	5.7	5.7
Building materials, hardware, garden supplies, mobile home dealers	8.0	8.6	9.2	9.7	9.5	5.6	5.9	5.5	5.4	5.4
Building materials, supply, hardware stores	6.7	7.4	7.9	8.3	8.1	5.8	6.0	5.5	5.4	5.5
Building materials and supply stores	4.9	5.4	5.7	6.0	5.7	6.5	6.7	6.2	6.0	6.2
Hardware stores	1.7	2.0	2.2	2.3	2.4	3.9	4.0	3.9	3.8	3.8
Furniture, home furnishings, equipment stores [3]	7.8	8.5	9.0	9.5	9.3	4.8	5.0	4.9	4.9	5.0
Furniture, home furnishings	4.5	4.9	5.2	5.5	5.2	5.0	5.2	5.0	5.0	5.1
Furniture stores	3.4	3.8	3.8	4.0	3.7	4.6	4.7	4.7	4.6	4.8
Household appliance, radio, TV	2.3	2.6	2.7	2.9	3.0	4.7	4.9	5.1	5.1	5.0
Household appliance stores	1.0	1.1	1.1	1.2	1.1	5.2	5.5	5.7	5.6	5.9
Jewelry stores	2.5	2.5	3.2	3.7	3.2	2.5	2.6	2.5	2.3	2.6
Nondurable goods stores [3]	**50.7**	**55.0**	**59.3**	**64.6**	**66.0**	**10.4**	**10.9**	**11.3**	**11.3**	**11.4**
Apparel and accessory stores [3]	8.5	8.9	9.5	10.6	10.6	4.8	4.9	4.9	4.8	4.9
Men's, boys' clothing, furnishings	1.9	2.0	1.9	2.1	1.9	3.9	3.9	4.1	3.9	4.2
Women's ready-to-wear stores	2.2	2.3	2.4	2.7	2.8	6.6	6.7	6.5	6.2	6.4
Family clothing stores	1.8	1.8	2.0	2.2	2.3	4.6	4.9	4.9	4.9	5.0
Shoe stores	1.8	1.9	2.1	2.3	2.3	3.7	4.1	4.0	3.9	3.9
Drug and proprietary stores	4.3	4.9	5.1	5.6	5.9	5.9	5.8	6.0	6.0	6.1
Eating and drinking places	1.9	1.9	2.0	2.2	2.4	37.8	43.3	45.1	44.3	43.6
Food stores	10.4	11.6	12.7	13.9	14.3	16.9	17.1	17.4	17.2	17.4
Grocery stores	9.9	11.1	12.1	13.1	13.7	16.6	16.7	17.1	16.9	17.1
Gasoline service stations	1.9	2.4	3.0	3.2	2.9	31.8	31.3	32.3	33.9	35.4
General merchandise group stores	18.1	19.2	19.7	21.8	22.6	5.7	5.7	5.9	5.9	5.9
Dept. stores, misc. general merchandise stores	16.2	17.3	17.8	19.9	20.5	5.9	5.9	6.0	6.0	6.0
Department stores	13.5	14.2	14.5	16.3	16.7	6.2	6.3	6.4	6.3	6.4
Variety stores	1.9	2.0	1.9	2.0	2.0	3.9	4.0	4.3	4.4	4.3
Liquor stores	1.5	1.8	2.1	2.2	2.2	9.2	8.7	8.3	8.6	8.8

[1] Excludes supplies and equipment used in store and warehouse operations that are not for resale. Not adjusted for seasonal variation. [2] Relates annual sales to yearend inventories. [3] Includes kinds of businesses not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual Retail Trade Report*.

NO. 1402. DEPARTMENT STORES—SALES, INVENTORIES, AND ACCOUNTS RECEIVABLE: 1975 TO 1983

[Sales and inventories figures for 1978–1982 reflect revisions based on data derived from the 1982 Retail Trade Report. Covers stores normally employing 25 or more persons and carrying a general line of apparel, homefurnishings, and housewares, with no one of the 3 categories accounting for as much as 80 percent of total sales]

ITEM	Unit	1975	1977	1978	1979	1980	1981	1982	1983
Sales, total	Bil. dol.	61.8	76.5	84.1	89.2	93.3	103.9	107.9	116.7
Percent department of all retail	Percent	10.5	10.5	10.4	9.9	9.7	10.0	10.0	9.9
Inventories (Dec. 31):									
Warehouse and stores	Bil. dol.	9.1	12.0	13.5	14.2	14.5	16.3	16.5	18.5
Sales-inventory ratio [1]	Ratio	(NA)	6.2	6.2	6.3	6.4	6.3	6.5	6.3
Accounts receivable (Dec. 31)	Bil. dol.	11.8	16.0	16.0	17.9	19.2	20.6	23.7	27.5
Charge accounts [2]	Bil. dol.	1.2	1.0	1.0	1.1	.8	.7	.8	.8
Installment accounts [3]	Bil. dol.	10.6	15.0	15.0	16.8	18.4	19.8	22.9	26.7

NA Not available. [1] Ratio of annual sales to yearend inventories. [2] Full payment is scheduled to be made at end of customary billing period. [3] Receivables scheduled to be paid in 2 or more payments.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade*.

NO. 1403. COMMERCIAL AND INSTITUTIONAL GROUPS—ESTIMATED FOOD AND DRINK SALES AND PURCHASES: 1975 TO 1982

[Excludes military. Data refer to sales to consumers and purchases by establishments of food and alcoholic beverages]

TYPE OF GROUP	Number, 1982	SALES (mil. dol.)				PURCHASES (mil. dol.)			
		1975	1977	1981	1982	1975	1977	1981	1982
Total [1]	**557,560**	**69,695**	**86,505**	**129,496**	**137,892**	**29,987**	**38,274**	**55,140**	**57,116**
Commercial feeding [2] [3]	389,269	58,317	72,811	110,155	117,445	20,433	25,517	37,640	39,378
Eating places [2]	250,749	39,251	50,732	79,964	86,182	15,123	19,197	28,889	30,560
Restaurants, lunchrooms	122,773	22,676	28,021	43,300	46,288	9,105	10,997	16,034	16,786
Limited menu restaurants [4]	108,601	13,597	19,301	32,122	35,142	4,891	6,942	11,237	12,121
Bars and taverns [5]	33,990	5,988	6,438	7,526	7,902	335	394	414	415
Food contractors [2]	7,836	4,169	4,989	7,344	7,708	1,783	2,132	3,086	3,132
Manufacturing and industrial plants	(NA)	1,351	1,610	2,300	2,258	630	750	1,060	1,028
Colleges and universities	(NA)	712	823	1,271	1,407	252	292	436	451
Lodging places [2]	29,719	4,093	5,030	7,133	7,290	1,419	1,722	2,380	2,389
Hotel restaurants	13,906	2,538	3,268	4,818	5,020	867	1,098	1,595	1,633
Motel restaurants	13,378	1,007	1,133	1,461	1,398	366	412	502	472
Retail hosts [2]	56,893	2,259	2,552	3,467	3,601	865	976	1,274	1,291
Grocery store restaurants	23,001	343	468	784	864	127	173	278	299
Dept. store restaurants	5,202	713	842	1,110	1,145	285	337	427	430
Drug store restaurants	6,128	341	316	352	358	129	120	132	131
Variety store restaurants	5,111	405	353	341	345	158	337	128	127
Gasoline service stations	8,232	202	297	416	404	75	110	148	140
Recreation and sports [2]	6,815	787	1,005	1,490	1,586	302	381	535	557
Bowling lanes	3,933	295	365	547	572	124	150	202	209
Recreation and sports centers	(NA)	393	512	756	797	146	189	271	280
Institutional feeding [2]	167,035	11,378	13,122	18,677	19,733	7,704	8,898	11,979	12,074
Employee feeding	8,545	1,072	1,245	1,762	1,733	554	631	886	858
Industrial and commercial organizations	3,801	892	1,053	1,490	1,458	445	515	722	693
Educational feeding	94,291	3,184	3,502	4,900	5,248	3,083	3,444	4,231	4,058
Elementary and secondary schools	91,722	1,687	1,793	2,364	2,464	2,228	2,468	3,018	2,814
Transportation	163	347	422	647	672	182	218	326	344
Airlines	98	260	316	493	504	132	157	246	251
Hospitals	6,853	4,346	5,002	7,183	7,641	1,983	2,275	3,240	3,439
Miscellaneous [2]	27,769	972	1,153	1,636	1,735	720	860	1,158	1,119
Clubs	10,310	696	801	1,164	1,275	335	386	549	533
Community centers	15,210	196	258	356	344	232	304	421	406

NA Not available. [1] Total purchases include food furnished to food service employees. [2] Includes other types of groups, not shown separately. [3] Data for establishments with payroll. [4] Fast-food restaurants. [5] For establishments serving food.

Source: National Restaurant Association, Washington, DC, *NRA News*, monthly. (Copyright.)

NO. 1404. LARGEST RETAILING COMPANIES—SALES, ASSETS, NET INCOME, AND EMPLOYEES, BY SALES GROUP: 1980 TO 1983

[**Sales, assets, and net income in billions of dollars; employees in thousands; except percent.** Excludes large privately owned companies that do not publish sales. Includes all operating revenues for fiscal years ending not later than January following year stated]

RANK BY SALES GROUP	SALES [1]			ASSETS [2]			NET INCOME [3]			EMPLOYEES [4]		
	1980	1982	1983	1980	1982	1983	1980	1982	1983	1980	1982	1983
50 largest	200.8	246.2	271.2	96.3	128.4	149.6	3.9	4.4	7.3	3,240	3,279	3,497
Top 10	109.3	125.5	142.1	56.0	74.2	89.5	1.9	2.5	3.5	1,614	1,505	1,586
11th-20th	40.6	53.3	54.5	16.4	21.9	23.2	.5	.3	1.4	591	596	666
21st-30th	23.8	30.7	34.5	12.3	15.6	19.0	.7	1.1	1.2	569	648	714
31st-40th	15.7	22.6	24.6	7.3	10.6	11.3	.5	.3	.7	324	368	357
41st-50th	11.5	14.1	15.4	4.3	6.0	6.6	.3	.3	.5	143	162	174
Percent of total:												
Top 10	54.4	51.0	52.4	58.2	57.8	59.8	48.7	55.5	48.4	49.8	45.9	45.3
11th-20th	20.2	21.7	20.1	17.0	17.1	15.5	12.3	7.0	18.7	18.2	19.2	19.1
21st-30th	11.8	12.5	12.7	12.7	12.2	12.7	18.5	23.7	16.9	17.6	19.8	20.4
31st-40th	7.8	9.2	9.1	7.6	8.3	7.5	13.8	7.7	9.6	10.0	11.2	10.2
41st-50th	5.7	5.7	5.7	4.5	4.6	4.4	6.8	6.0	6.4	4.4	5.0	5.0

[1] Includes sales of subsidiaries when they are consolidated. [2] Total assets employed in business at end of fiscal year. [3] After taxes, special charges, and credits. [4] As of year end, or yearly average.

Source: Time, Inc., New York, NY, adapted from *The Fortune Directory,* July 13, 1981; June 13, 1983; and June 11, 1984. (Copyright.)

NO. 1405. RETAIL TRADE—SALES BY BROAD MERCHANDISE LINES: 1972 AND 1977

[For establishments with payroll. For details on restructuring of merchandise lines between 1972 and 1977, see source]

MERCHANDISE LINES	1972			1977			
					Sales of specified merchandise lines		
						As percent of total sales	
	Establishments (1,000)	Sales [1] (mil. dol.)	Percent of sales	Establishments (1,000)	Total [1] (mil. dol.)	Establishments handling line	All establishments
Retail trade, total	[2] 1,265	440,222	100.0	[2] 1,304	699,635	(X)	100.0
Groceries and other food	255	86,391	19.6	271	137,506	51.8	19.7
Meals and snacks	303	29,297	6.7	341	54,735	37.1	7.8
Alcoholic drinks	131	7,306	1.7	138	9,998	31.9	1.4
Packaged alcoholic beverages	113	11,286	2.6	136	16,164	15.9	2.3
Cigars, cigarettes, and tobacco	225	6,110	1.4	231	8,475	4.6	1.2
Drugs	273	15,655	3.5	110	12,438	11.3	1.8
Health and beauty aids				166	11,325	5.4	1.6
Men's, boys' clothing, excluding footwear	97	14,995	3.4	106	22,740	17.3	3.3
Women's, girls' wear, excluding footwear	131	25,933	5.9	139	36,527	26.3	5.2
Footwear, excluding infants, toddlers	94	7,673	1.7	98	10,650	8.9	1.5
Curtains, draperies, and dry goods	83	8,164	1.9	82	10,011	8.6	1.4
Major household appliances	77	7,339	1.7	72	9,179	9.5	1.3
Kitchenware and home furnishings	117	6,039	1.4	137	9,881	6.0	1.4
Small electrical appliances				82	2,849	2.3	.4
Televisions	100	8,176	1.9	55	4,128	5.0	.6
Audio equipment, musical instruments, supplies				89	9,191	7.8	1.3
Furniture and sleep equipment	69	10,252	2.3	72	14,685	14.6	2.1
Floor coverings	63	3,947	.9	66	5,770	6.0	.8
Jewelry	95	4,979	1.1	111	8,151	6.4	1.2
Optical goods				21	1,361	3.1	.2
Sporting goods	75	7,244	1.6	80	9,451	8.7	1.4
Recreational vehicles				13	3,234	8.9	.5
Hardware and tools	89	4,576	1.0	94	8,555	7.2	1.2
Lawn and garden equipment, supplies	80	3,959	.9	99	7,217	6.5	1.0
Lumber and building materials	78	15,723	3.6	80	26,766	26.2	3.8
Cars, trucks, powered vehicles	53	66,486	15.1	56	112,285	82.7	16.0
Automotive fuels and lubricants	236	27,306	6.2	211	48,736	26.4	7.0
Auto tires, batteries, accessories	235	16,465	3.7	195	21,196	8.9	3.0
Household fuels [3]	27	4,138	.9	23	8,923	47.6	1.3
All other merchandise	261	21,548	4.9	290	36,683	14.5	5.2
Nonmerchandise receipts	661	19,236	4.4	262	20,824	8.0	3.0

X Not applicable. [1] Includes sales taxes and finance charges in 1972 but not in 1977. [2] Detail will not add to total because establishments may carry more than one merchandise line. [3] 1972 includes ice.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972,* vol. I, and *1977, Merchandise Line Sales,* RC 77-L.

No. 1406. Retail Trade Establishments With Payroll—Number, Sales, and Employees, by Kind of Business: 1977 and 1982

[Data for 1977 and 1982 are not strictly comparable due to changes in treatment of leased departments; for details, see source. See *Historical Statistics, Colonial Times to 1970*, series T 79-196 for similar but not comparable data]

Kind of business [1]	Establishments with payroll (1,000)		Sales (mil. dol.)		Annual payroll (mil. dol.)		Paid employees [3] (1,000)	
	1977	1982 [2]	1977	1982 [2]	1977	1982 [2]	1977	1982 [2]
Retail trade, total	**1,303.6**	**1,322.1**	**699,635**	**1,033,728**	**85,854**	**123,143**	**13,040**	**14,417**
Building materials, hardware, garden supply, and mobile home dealers	**65.8**	**66.0**	**37,793**	**49,940**	**4,367**	**6,227**	**470**	**504**
Building materials, supply stores	34.0	33.9	26,804	34,740	2,993	4,176	294	305
Hardware stores	19.4	19.6	5,695	8,377	806	1,254	112	128
Retail nurseries, lawn and garden supply stores	6.9	7.9	1,584	2,908	265	459	36	47
Mobile home dealers	5.5	4.7	3,709	3,916	303	339	27	24
General merchandise group stores [4]	**38.4**	**34.0**	**93,455**	**119,301**	**12,719**	**14,869**	**2,017**	**1,841**
Department stores (incl. lease depts.) [5]	8.8	10.0	76,909	107,083	10,743	(NA)	1,644	(NA)
Department stores (excl. leased depts.) [5]	8.8	10.0	71,053	99,109	9,966	12,587	1,159	1,523
Variety stores	14.2	10.8	6,948	7,863	1,002	1,050	214	156
Misc. general merchandise stores	15.4	13.2	9,598	12,328	973	1,232	159	162
Food stores [6]	**171.6**	**176.2**	**152,745**	**240,408**	**14,730**	**23,523**	**1,959**	**2,346**
Grocery stores	126.6	128.1	143,938	225,671	13,342	21,265	1,692	2,021
Meat and fish (seafood) markets	11.1	11.0	3,416	5,600	382	596	56	66
Retail bakeries	15.9	17.6	2,141	3,640	624	990	130	159
Fruit stores, vegetable markets	3.1	3.0	862	1,406	80	141	14	17
Candy, nut, confectionery stores	4.7	5.1	485	854	77	136	18	24
Dairy products stores	5.8	5.0	1,097	1,492	127	175	49	29
Automotive dealers [6]	**94.8**	**89.2**	**147,202**	**187,843**	**13,304**	**16,645**	**1,115**	**1,037**
Motor vehicle dealers:								
New and used cars	30.8	25.6	121,883	152,050	10,279	12,119	790	687
Used cars only	13.3	11.6	5,186	6,392	374	460	42	37
Auto and home supply stores	36.8	40.0	12,390	20,421	1,928	3,170	205	242
Boat dealers	4.7	4.1	2,513	2,870	248	305	26	23
Recreational and utility trailer dealers	3.2	2.5	2,775	2,772	207	234	20	16
Motorcycle dealers	4.9	4.6	1,914	2,865	214	307	24	27
Gasoline service stations	**146.5**	**116.2**	**53,749**	**94,820**	**3,830**	**4,769**	**673**	**604**
Apparel and accessory stores [6]	**114.8**	**133.9**	**34,719**	**57,180**	**5,056**	**7,616**	**840**	**986**
Men's and boys' clothing, furnishings	20.6	17.4	6,839	7,686	1,098	1,230	145	123
Women's clothing and specialty stores and furriers	44.4	51.0	13,164	22,182	1,886	2,788	349	401
Women's ready-to-wear stores	39.4	44.1	12,250	20,311	1,749	2,499	326	364
Family clothing stores	16.0	17.9	7,884	13,471	1,049	1,668	186	219
Shoe stores	24.5	36.0	5,517	11,320	822	1,577	121	190
Children's and infants' wear stores	4.3	5.3	706	1,368	99	174	21	29
Furniture, home furnishings, and equipment stores	**91.7**	**93.4**	**31,568**	**45,098**	**4,569**	**6,257**	**513**	**540**
Furniture stores	31.3	29.6	13,624	17,184	2,084	2,606	220	214
Home furnishing stores	22.1	24.6	5,721	8,767	889	1,309	104	123
Floor covering stores	11.2	10.9	3,798	4,952	560	712	54	53
Household appliance stores	12.2	10.5	4,520	5,683	577	695	65	59
Radio, television, and music stores	26.1	28.6	7,705	13,464	1,018	1,646	123	145
Eating and drinking places	**308.6**	**318.8**	**61,307**	**100,794**	**15,415**	**25,514**	**3,759**	**4,640**
Eating places [6]	237.7	257.6	54,406	92,232	14,018	23,792	3,425	4,315
Restaurants and lunchrooms	118.9	122.8	28,471	46,993	7,777	12,913	1,882	2,286
Refreshment places	92.4	108.6	19,527	35,497	4,453	8,158	1,157	1,610
Drinking places (alcoholic beverages)	70.9	61.2	6,901	8,562	1,396	1,722	334	325
Drug and proprietary stores	**47.2**	**48.6**	**23,057**	**35,777**	**3,127**	**4,566**	**460**	**491**
Miscellaneous retail stores	**224.2**	**245.8**	**64,038**	**102,565**	**8,737**	**13,156**	**1,235**	**1,426**
Liquor stores	35.1	34.1	12,191	17,144	913	1,289	145	166
Used merchandise stores	14.5	17.6	2,141	3,952	395	757	61	82
Misc. shopping goods stores	88.1	102.1	19,004	33,269	2,726	4,696	440	573
Sporting goods, bicycle shops	17.1	20.1	4,172	7,522	533	925	77	106
Book stores	7.6	9.3	1,722	3,115	233	398	43	58
Stationery stores	4.8	4.8	1,057	1,501	175	258	27	28
Jewelry stores	19.7	22.2	5,010	8,262	835	1,418	105	131
Hobby, toy, game shops	6.6	7.7	1,554	3,246	180	326	34	46
Camera, photographic supply	3.6	4.0	1,111	1,883	134	225	17	21
Gift, novelty, souvenir	17.1	22.3	2,232	4,668	331	702	68	110
Luggage, leather goods	1.6	1.9	347	590	55	95	8	11
Sewing, needlework, piece goods	10.1	9.8	1,798	2,501	251	351	60	62
Nonstore retail	20.8	20.8	14,076	19,418	2,374	2,835	288	259
Mail order houses	6.7	7.4	7,437	10,941	1,110	1,174	126	101
Automatic merchandising machine operators	5.7	5.4	3,700	4,558	655	894	73	77
Direct selling establishments	8.4	8.0	2,940	3,920	609	767	88	81
Fuel and ice dealers	14.7	12.8	9,762	17,143	1,027	1,419	101	96
Florists	20.1	20.9	2,177	3,125	465	699	88	102
Cigar stores and stands	2.3	2.4	392	597	42	70	8	9
News dealers and newsstands	2.1	2.0	380	512	42	62	10	9
Miscellaneous retail stores, n.e.c. [7]	26.5	33.2	3,915	7,384	754	1,330	96	130
Optical goods stores	7.6	10.6	1,067	1,716	263	400	27	34

NA Not available. [1] For 1982, each kind-of-business classification includes leased departments classified in that kind of business as if they were separate establishments. Due to the relatively high frequency of leased department activity in department stores, data are shown as including and excluding leased department stores. [2] Preliminary. [3] For pay period including March 12. [4] 1977 total includes department stores including leased departments; 1982 total includes department stores excluding leased departments. [5] Includes sales from catalog order desks. [6] Includes other kinds of businesses, not shown separately. [7] N.e.c. means not elsewhere classified.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1977, U.S. Summary, Geographic Area Series*, RC 77-A-52, and *(1982 Census of Retail Trade, Preliminary Report Summary Series,)* RC 82-SUM-1(P).

NO. 1407. RETAIL TRADE—SUMMARY OF ESTABLISHMENTS WITH PAYROLL, BY STATE: 1982

DIVISION AND STATE	ESTABLISHMENTS				SALES				Annual payroll (mil. dol.)	Paid employees [2] (1,000)	PERCENT CHANGE, 1977–1982	
	Total [1] (1,000)	General merchandise stores	Food stores	Automotive dealers	Total [1] (bil. dol.)	General merchandise stores (mil. dol.)	Food stores (mil. dol.)	Automotive dealers (mil. dol.)			Sales	Annual payroll
U.S	**1,330.3**	**34,145**	**176,219**	**91,068**	**1,039.0**	**119,947**	**240,520**	**190,752**	**123,619**	**14,468**	**49.1**	**44.7**
N.E.:												
ME	7.6	361	1,327	581	5.2	462	1,275	914	552	68	49.1	44.6
NH	6.5	219	924	446	5.2	525	1,252	949	562	69	59.4	52.6
VT	4.3	155	662	286	2.5	171	596	464	282	35	58.3	56.6
MA	34.4	760	4,308	1,778	28.2	2,987	5,875	4,582	3,285	424	57.6	44.9
RI	5.8	94	780	361	4.1	445	901	621	478	61	50.0	43.3
CT	19.1	374	2,259	1,143	15.5	1,554	3,422	2,665	1,831	211	53.9	45.9
M.A.:												
NY	98.3	2,018	14,850	4,276	70.5	7,574	17,046	9,743	8,611	951	44.3	32.2
NJ	43.0	794	5,821	2,297	35.5	3,621	8,433	6,114	4,037	446	50.8	38.5
PA	643	1,551	8,594	4,209	49.2	6,099	11,679	8,593	5,834	698	37.7	30.7
E.N.C.:												
OH	57.7	1,364	7,716	3,804	45.5	6,136	10,956	7,881	5,481	666	31.7	29.1
IN	30.7	860	3,116	2,282	23.2	2,666	5,176	4,346	2,691	338	31.2	31.3
IL	59.2	1,309	6,334	3,616	49.7	5,899	10,323	8,833	6,042	708	30.7	24.6
MI	46.6	937	6,469	3,095	38.5	4,928	8,350	7,432	4,446	518	24.7	20.7
WI	30.0	739	3,107	1,844	20.0	2,409	4,478	3,432	2,399	318	39.5	34.9
W.N.C.:												
MN	24.8	585	2,911	1,623	19.1	2,248	3,818	3,487	2,252	294	45.3	39.2
IA	20.6	620	2,164	1,496	12.3	1,362	2,937	2,336	1,429	190	30.0	29.7
MO	29.1	889	3,334	2,249	21.0	2,777	4,754	3,992	2,485	302	37.6	31.7
ND	5.0	138	533	378	3.3	347	559	818	368	46	51.5	44.3
SD	5.3	146	583	360	2.9	254	593	576	327	45	38.1	38.6
NE	11.1	328	1,229	822	6.8	784	1,420	1,295	792	105	37.1	37.2
KS	16.1	437	1,767	1,231	10.5	1,280	2,335	2,186	1,228	155	42.5	42.4
S.A.:												
DE	3.8	92	508	225	3.1	417	667	519	352	42	47.5	38.2
MD	22.0	492	2,970	1,305	20.7	2,452	4,624	3,743	2,501	285	46.9	39.3
DC	3.3	38	377	74	2.6	224	486	122	420	45	27.2	22.8
VA	28.9	984	4,465	2,208	24.2	2,868	5,736	4,541	2,849	333	50.7	46.1
WV	9.9	500	1,553	783	7.3	1,008	1,968	1,322	821	97	33.6	36.9
NC	35.3	1,349	5,372	2,984	24.1	2,486	6,003	4,673	2,720	338	50.5	47.4
SC	18.0	621	2,616	1,434	12.1	1,235	3,096	2,169	1,347	172	53.2	51.5
GA	32.2	998	4,720	2,602	23.8	2,750	5,438	4,552	2,742	331	56.3	49.9
FL	66.9	1,591	9,420	4,516	54.5	5,997	12,426	11,240	6,398	754	79.5	73.1
E.S.C.:												
KY	20.1	797	2,987	1,553	13.9	1,743	3,521	2,434	1,555	196	40.1	40.7
TN	26.1	938	3,857	2,083	18.8	2,345	4,548	3,741	2,112	261	44.2	43.3
AL	20.6	843	2,997	1,964	13.9	1,651	3,586	2,810	1,564	192	37.6	37.2
MS	14.3	680	2,489	1,377	8.7	1,169	2,281	1,740	952	119	49.4	53.1
W.S.C.:												
AR	13.8	521	1,960	1,278	8.7	1,146	2,037	1,930	933	114	44.9	45.3
LA	23.3	802	3,755	1,727	19.4	2,314	4,919	3,706	2,298	270	63.2	63.1
OK	19.0	543	2,674	1,641	15.5	1,800	3,684	3,649	1,748	206	76.9	77.9
TX	91.5	2,465	13,103	7,438	80.3	9,109	18,625	17,653	9,408	1,058	81.9	81.4
Mt.:												
MT	6.4	151	709	459	3.8	(D)	927	730	442	56	40.4	40.9
ID	6.2	204	753	545	3.9	(D)	1,036	800	450	56	35.8	37.0
WY	3.8	123	315	265	2.7	189	620	488	324	37	72.4	80.5
CO	19.5	376	1,869	1,358	16.2	1,658	3,681	3,106	2,066	238	70.4	69.3
NM	8.2	265	1,001	645	6.2	(D)	1,488	1,255	707	86	59.6	55.8
AZ	16.1	426	1,959	1,156	13.6	1,485	3,355	2,584	1,672	198	72.1	73.2
UT	7.5	205	867	615	6.2	708	1,481	1,178	697	89	53.8	50.0
NV	5.6	113	623	395	5.3	595	1,187	947	668	67	75.3	80.3
Pac.:												
WA	25.0	480	3,299	1,880	19.6	2,170	4,805	3,203	2,567	268	49.3	53.1
OR	17.1	369	2,370	1,221	12.3	1,760	2,660	2,217	1,518	175	35.8	37.5
CA	137.5	2,262	16,749	8,798	120.8	13,946	27,688	21,488	15,469	1,623	54.2	51.8
AK	2.7	86	297	135	3.2	334	692	410	411	30	77.5	57.7
HI	6.1	153	797	227	5.1	657	1,081	541	696	82	58.2	51.8

D Withheld to avoid disclosure. [1] Includes other establishments and sales, not shown separately. [2] For the pay period including March 12.

Source: U.S. Bureau of the Census, *1982 Census of Retail Trade*, Geographic Area Series, RC-82-A-1 to 51.

No. 1408. Franchising—Summary: 1970 to 1984

[Franchising is a form of marketing or distribution in which a parent company customarily grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchisor; the receiver of the privilege the franchisee; and the right, or privilege, the franchise]

ITEM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983 [1]	1984 [1]
Number of franchised establishments	1,000	**396**	**435**	**451**	**452**	**452**	**442**	**442**	**439**	**445**	**462**
Company-owned [2]	1,000	72	81	86	85	85	85	86	87	86	88
Franchisee-owned	1,000	324	354	365	367	367	357	356	352	359	374
Sales of products and services	Bil. dol	**120**	**191**	**253**	**287**	**312**	**336**	**365**	**376**	**419**	**457**
Company-owned [2]	Bil. dol	23	29	38	44	39	47	51	55	58	63
Franchisee-owned	Bil. dol	96	162	215	243	273	289	314	321	361	394
Average sales per establishment	$1,000	302	439	562	635	690	760	824	856	940	989
Employment	1,000	(NA)	3,511	4,151	4,496	4,605	4,668	4,878	4,927	(NA)	(NA)

NA Not available. [1] Estimated by respondents to annual survey of franchisors. [2] Represents establishments owned by the parent company.

Source: U.S. Dept. of Commerce, International Trade Administration, *Franchising in the Economy, 1982–84.*

No. 1409. Franchising—Number of Establishments and Sales, by Kind of Franchised Business: 1970 to 1984

[See headnote, table 1408, for definition of franchising]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENTS (1,000)						SALES (mil. dol.)					
	1970	1975	1980	1982	1983 [1]	1984 [1]	1970	1975	1980	1982	1983 [1]	1984 [1]
All franchising, total	**396.3**	**434.5**	**442.4**	**439.4**	**445.0**	**461.8**	**119,758**	**190,931**	**336,220**	**376,433**	**418,749**	**456,759**
Auto and truck dealers [2]	37.2	31.8	29.4	24.7	24.4	24.1	58,812	94,497	143,861	157,238	188,953	208,895
Percent	9.4	7.3	6.6	5.6	5.5	5.2	49.1	49.5	42.8	41.8	45.1	45.7
Restaurants (all types)	32.6	43.0	60.0	64.2	68.7	74.8	4,602	12,262	27,867	34,159	38,664	44,148
Percent	8.2	9.9	13.6	14.6	15.4	16.2	3.8	6.4	8.3	9.1	9.2	9.7
Gasoline service stations [2]	222.0	189.5	158.5	144.7	136.6	130.0	29,340	47,387	94,470	104,633	103,587	106,175
Percent	56.0	43.6	35.8	32.9	30.7	28.2	24.5	24.8	28.1	27.8	24.7	23.2
Retailing (nonfood)	30.7	37.2	35.2	37.4	39.7	43.3	13,133	9,031	10,517	11,417	13,257	15,579
Percent	7.7	8.6	8.0	8.5	8.9	9.4	11.0	4.7	3.1	3.0	3.2	3.4
Auto, truck rental services	[3] 10.7	6.5	7.3	10.2	11.6	13.2	[3] 1,177	1,475	3,146	3,859	4,209	4,676
Automotive products and services [4]	20.4	47.5	40.2	36.6	37.2	38.7	1,936	5,006	7,084	8,278	8,949	9,782
Business aids and services	10.5	22.2	40.7	46.5	48.6	53.6	723	1,397	6,749	7,804	8,455	9,794
Employment services	2.9	2.7	4.4	4.4	4.3	4.7	516	553	1,594	1,716	1,844	2,094
Tax preparation services	4.7	7.5	9.2	9.8	9.6	9.7	85	161	289	363	380	399
Accounting, credit, collection, and general	1.1	3.5	2.4	2.3	2.5	2.8	20	165	121	150	164	173
Other	1.7	8.3	24.7	30.0	32.2	36.4	101	518	4,745	5,575	6,067	7,128
Construction, home improvement, maintenance, and cleaning	.7	10.8	14.3	16.0	17.0	18.9	63	639	1,475	2,195	2,573	2,975
Convenience stores	8.8	13.5	15.6	15.0	15.1	15.9	1,727	3,906	7,821	9,818	10,177	11,279
Educational products and services	4.9	1.3	3.2	4.5	6.4	7.5	86	173	339	567	646	733
Equipment rental services	(3)	1.4	2.2	2.0	2.2	2.6	(3)	157	356	492	581	699
Food retailing [5]	(NA)	11.8	15.5	15.6	15.6	16.1	(NA)	1,445	7,430	7,870	8,520	9,345
Hotels and motels [6]	3.4	6.4	6.4	6.4	6.6	6.8	3,540	4,601	9,506	11,231	12,329	13,352
Laundry, dry cleaning services	4.1	3.2	3.4	3.4	3.5	3.7	144	214	286	274	289	328
Recreation, entertainment, travel	2.7	3.4	4.6	6.2	6.4	6.8	77	162	516	893	1,022	1,263
Soft drink bottlers [2] [7]	2.7	2.4	1.9	1.7	1.6	1.5	4,102	8,165	14,352	15,101	15,826	16,887
Miscellaneous	4.8	2.7	3.6	3.6	3.8	4.4	295	414	447	606	713	850

NA Not available. [1] Estimated by respondents. [2] Estimated by source on basis of Bureau of the Census and trade association data. [3] Equipment rental services included with auto, truck rental services. [4] Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. [5] Excludes convenience stores. [6] Beginning 1975, includes campgrounds. [7] Includes soft drinks, fruit drinks and ades, syrups, flavoring agents and bases. Excludes independent private label and contract-filler bottling companies, which accounted for 22 percent of the value of shipments of the total industry in recent years.

Source: U.S. Dept. of Commerce, International Trade Administration, *Franchising in the Economy, 1982–84.*

No. 1410. Franchised New Car Dealerships—Summary: 1970 to 1983

[Calendar year, except as indicated]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Dealerships, total [1]	**Number**	**30,800**	**29,600**	**29,300**	**29,100**	**29,000**	**28,850**	**28,250**	**26,600**	**25,700**	**24,725**
Handling—											
Domestic [2] only	Number	22,500	18,500	18,900	17,700	11,600	11,650	11,600	10,000	14,450	14,675
Imports [2] only	Number	4,500	4,600	4,800	4,500	4,500	4,500	4,550	4,550	4,000	3,950
Both	Number	3,800	6,500	5,600	6,900	12,900	12,700	12,100	12,050	7,250	6,100
Sales	Bil. dol.	51.8	84.2	105.2	121.9	134.8	139.2	124.8	136.6	143.9	178.3
New cars	1,000	8,393	8,633	10,106	11,179	11,310	10,660	8,979	8,533	7,979	9,181
Used vehicles	1,000	11,283	11,281	12,513	12,944	13,030	11,614	10,287	10,760	10,459	11,195
Employment	1,000	702.9	731.3	756.7	790.2	851.8	859.5	759.3	711.0	695.7	713.7
Annual payroll	Bil. dol.	5.5	8.1	9.0	10.3	11.9	12.2	11.2	11.1	11.2	13.4
Advertising expenses	Bil. dol.	.4	.6	.9	1.0	1.1	1.1	1.1	1.3	1.3	1.6
Inventory: [3]											
Domestic: [2]											
Total	1,000	1,409	1,514	1,465	1,682	1,804	1,891	1,506	1,457	1,296	1,209
Days' supply	Days	60	67	55	58	61	70	71	74	71	55
Imported: [2]											
Total	1,000	(NA)	407	536	431	607	502	458	427	381	260
Days' supply	Days	(NA)	80	111	64	93	63	55	52	54	34

NA Not available. [1] At beginning of year. [2] Classification based on where automobiles are produced (i.e., automobiles manufactured by foreign companies but produced in the U.S. are classified as domestic). [3] Annual average.

Source: National Automobile Dealers Association, McLean, VA., *NADA Data*, annual.

No. 1411. Drugs and Toiletries—Retail Sales: 1980 to 1983

[In millions of dollars. Excludes government and hospital use]

PRODUCT	1980	1982	1983	PRODUCT	1980	1982	1983
Total sales	**37,676**	**47,523**	**52,518**	**Toiletries**	**14,515**	**17,702**	**18,418**
				Cosmetics [6]	3,626	4,450	4,790
Drugs and health aids	**23,161**	**29,821**	**34,100**	Lipstick	894	1,048	1,132
Prescriptions	12,652	16,154	19,654	Mascara	660	835	910
Baby needs	2,510	3,694	3,956	Hair care [7]	3,662	4,410	4,725
Disposable diapers	1,694	2,078	2,223	Shampoo	1,116	1,406	1,510
Analgesics [1]	1,339	1,655	1,635	Hair dressing	1,133	1,332	1,422
Aspirin-salicylate compounds	721	796	726	Hair accessories	883	872	921
Cough/cold items	1,007	1,400	1,523	Personal hygiene [8]	1,827	2,152	1,747
				Bath soaps	1,097	1,265	[9] 773
Feminine hygiene	1,015	1,235	1,271	Deodorants	690	870	960
Digestive aids [2]	1,087	1,227	1,285	Dental products	1,635	1,923	2,074
Antacids [1]	638	742	780	Toothpaste	742	922	996
Home health care	933	[3] 1,110	[3] 1,174	Fragrances	1,346	1,864	1,966
Vitamins	916	1,257	1,305	Men's	665	[10] 912	[10] 964
First aid [4]	769	839	881	Women's	681	952	1,002
Diet aids	334	450	555	Skin and sun care products	1,322	[11] 1,685	[11] 1,803
Foot care	205	278	291	Shaving products	1,097	1,218	1,313
Other [5]	395	521	570				

[1] Effervescent compounds included in antacids. [2] Includes elimination aids such as laxatives and antidiarrheals, not shown separately. [3] Includes blood glucose tests. [4] Covers first aid supplies, external antiseptics, and hydrocortisones. [5] Covers contraceptives, hemorrhoidal preparations, sleeping aids, motion sickness preparations, and jock itch products. [6] Includes nail products and other face and eye makeup items, not shown separately. [7] Includes hair color and other hair preparations, not shown separately. [8] Includes personal hygiene appliances, not shown separately. [9] Excludes nondeoderant soaps; approximate sales of $524 million in 1982. [10] Includes men's fragrance extension products. [11] Includes medicated soaps.

Source: Medical Economics Company, Inc., Oradell, NJ, *Drug Topics*, Marketing Guide, annual. (Further reproduction prohibited without written permission of copyright owner.)

No. 1412. Wholesale Trade—Summary: 1954 to 1982

[Prior to 1958, excludes Alaska and Hawaii. Data for 1972 through 1982 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47, and T 274-279]

ITEM	Unit	1954	1958	1963	1967	1972	1977	1982, prel.
Firms, total	1,000	(NA)	(NA)	232	233	276	289	(NA)
Establishments, total	1,000	250	287	308	311	370	383	418
With sales of $1,000,000 or more	1,000	(NA)	(NA)	62	75	103	152	(NA)
Sales, all establishments	Bil. dol.	234.0	285.7	368.4	459.5	695.2	1,258.4	1,972.6
Merchant wholesalers	Bil. dol.	100.1	122.1	157.4	206.1	353.9	676.1	1,137.3
Inventories, end of year	Bil. dol.	13.0	15.0	20.1	28.1	45.7	82.3	(NA)
Payroll, entire year	Bil. dol.	10.9	13.2	18.1	23.9	36.9	58.3	94.7
Paid employees, Mar. 15 workweek [1]	1,000	2,555	2,808	3,089	3,519	4,026	4,397	4,962
Active proprietors of unincorporated businesses	1,000	150	158	133	122	(NA)	(NA)	(NA)

NA Not available. [1] 1954-1963 data for workweek including Nov. 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1954*, vol. III; *1958*, vol. III; *1963*, vol. IV; *1967*, vol. III; and *Census of Wholesale Trade: 1972*, vol. I; *1977*, WC 77-A-52 and *1982*, WC 82-SUM-1(P).

No. 1413. Wholesale Trade—Merchant Wholesalers Sales, Stocks, and Stock-Sales Ratio: 1970 to 1983

[In billions of dollars, except ratios. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 375–383, for sales]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All establishments: Sales [1]	287.3	573.0	559.5	608.3	671.8	793.4	944.2	1,111.9	1,208.1	1,137.2	1,183.8
Stocks [2]	32.0	56.9	56.7	64.1	72.3	85.6	98.0	111.8	115.9	115.6	118.1
Stock-sales ratio [2]	1.30	1.16	1.19	1.20	1.23	1.22	1.16	1.10	1.19	1.26	1.10
Durable goods: Sales [1]	127.2	246.8	229.5	257.4	297.3	362.4	424.0	472.1	509.7	467.1	504.8
Stocks [2]	19.7	35.3	36.7	41.4	47.0	55.8	63.0	71.4	76.1	76.0	75.8
Stock-sales ratio [2]	1.84	1.77	1.84	1.84	1.75	1.71	1.72	1.72	1.85	1.98	1.64
Nondurable goods: Sales [1]	160.1	326.2	329.9	350.9	374.6	431.0	520.2	639.8	698.3	670.1	679.0
Stocks [2]	12.3	21.7	20.0	22.7	25.3	29.8	35.0	40.4	39.7	39.6	42.3
Stock-sales ratio [2]	.69	.75	.72	.73	.79	.79	.73	.67	.71	.75	.70

[1] Annual totals. [2] End of year; seasonally adjusted.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

No. 1414. Merchant Wholesalers—Summary: 1980 to 1983

[Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See Historical Statistics, *Colonial Times to 1970*, series T 280–371, for related sales data]

KIND OF BUSINESS	SALES (bil. dol.)				INVENTORIES [1] (bil. dol.)				STOCK-SALES RATIO [1] (percent)			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
Merchant wholesalers	**1,111.9**	**1,208.1**	**1,137.2**	**1,183.8**	**111.8**	**115.9**	**115.6**	**118.1**	**110**	**119**	**123**	**110**
Durable goods [2]	**472.1**	**509.7**	**467.1**	**504.8**	**71.4**	**76.1**	**76.0**	**75.8**	**172**	**185**	**198**	**164**
Motor vehicles and automotive equipment	80.8	87.1	88.7	98.8	11.2	11.5	13.0	12.4	161	157	169	134
Furniture and home furnishings	15.5	16.8	16.2	18.6	2.3	2.3	2.2	2.4	171	172	162	136
Electrical goods	48.0	52.5	54.0	66.1	7.1	8.2	8.3	8.9	168	190	179	140
Hardware, plumbing, and heating equipment	26.4	30.0	27.9	31.2	4.8	4.9	4.6	4.7	201	208	186	166
Machinery, equipment, and supplies	139.8	155.8	139.1	139.0	27.3	29.5	29.0	28.8	223	227	260	233
Nondurable goods [2]	**639.8**	**698.3**	**670.1**	**679.0**	**40.4**	**39.7**	**39.6**	**42.3**	**67**	**71**	**75**	**70**
Paper and paper products	21.6	23.6	24.0	26.5	1.8	2.0	1.9	2.3	95	103	93	95
Groceries and related products	159.5	171.6	183.3	199.8	7.5	7.5	7.9	8.5	53	52	51	49
Beer, wine, and distilled beverages	31.7	34.3	35.9	36.9	3.0	3.2	3.3	3.2	113	110	110	103

[1] End of year; seasonally adjusted. [2] Includes kinds of businesses, not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

No. 1415. Wholesale Trade, by Type of Operation and Kind of Business: 1977 and 1982

[See *Historical Statistics, Colonial Times to 1970*, series T 274–287 and T 352–369 for similar but not comparable data]

TYPE OF OPERATION AND KIND OF BUSINESS	ESTABLISHMENTS (1,000)		SALES (mil. dol.)		ANNUAL PAYROLL (mil. dol.)		PAID EMPLOYEES [2] (1,000)	
	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]
Wholesale trade	**382.8**	**418.0**	**1,258,400**	**1,972,625**	**58,290**	**94,718**	**4,397**	**4,962**
Merchant wholesalers	307.2	339.2	676,058	1,137,276	42,067	69,343	3,368	3,889
Other operating types	75.6	78.8	582,342	835,349	16,223	25,376	1,029	1,073
Kind of business:								
Durable goods	226.2	257.6	608,756	878,633	34,998	57,093	2,539	2,900
Motor vehicles, automotive equipment	38.9	39.8	147,112	184,434	5,148	7,539	423	433
Furniture, home furnishings	11.1	12.6	22,032	32,173	1,445	2,372	110	126
Lumber, construction materials	15.7	17.2	46,179	51,569	2,502	3,430	180	185
Sporting, recreational, photographic goods [3]	6.6	7.3	16,521	26,484	1,024	1,619	77	84
Metals and minerals, except petroleum	9.4	10.2	80,298	102,069	2,178	3,372	133	148
Electrical goods	24.9	29.4	69,999	120,114	3,922	7,463	277	357
Hardware, plumbing, heating equipment	18.6	20.9	30,605	44,322	2,576	4,025	194	215
Machinery, equipment, supplies	84.0	99.8	165,057	263,751	14,350	24,578	986	1,182
Miscellaneous	17.1	20.4	30,952	53,717	1,852	2,695	160	170
Nondurable goods	156.6	160.4	649,644	1,093,992	23,292	37,625	1,858	2,062
Paper, paper products	11.7	13.8	32,509	53,553	2,103	3,541	149	184
Drugs, drug proprietaries [4]	3.6	3.9	19,445	34,364	1,148	2,025	89	108
Apparel, piece goods, notions	13.0	14.5	39,895	55,698	1,830	2,882	131	144
Groceries and related products	38.0	38.5	182,905	288,509	7,469	12,157	602	668
Farm-product raw materials	14.8	14.0	110,332	155,622	1,273	1,845	135	136
Chemicals, allied products	6.5	10.8	51,661	76,737	1,603	2,885	100	124
Petroleum, petroleum products	22.6	18.7	116,780	271,111	2,249	3,360	179	186
Beer, wines, distilled alcoholic beverages	6.7	6.3	26,979	41,769	1,841	3,065	122	140
Miscellaneous	37.8	39.9	69,138	116,629	3,778	5,845	351	372

[1] Preliminary. [2] For pay period including March 12. [3] Includes toys, hobby goods, and supplies. [4] Includes druggists sundries.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1977, Geographic Area Series*, WC 77-A-52, and *1982, Preliminary Report, Summary Series*, WC 82-SUM-1(P).

No. 1416. Wholesale Trade—Summary, by State: 1982

Division and State	Establishments	Sales (bil. dol.)	Annual payroll		Paid employees (1,000)	Merchant wholesalers		Percent change 1977–1982	
			Total (mil. dol.)	As percent of operating expenses		Establishments	Sales (bil. dol.)	Sales	Annual payroll
U.S.	**415,829**	**1,997.9**	**95,209**	**47.0**	**4,985**	**337,943**	**1,159.3**	**58.8**	**63.3**
N. Eng.:									
ME	1,654	4.2	261	46.6	18	1,465	3.1	49.0	46.6
NH	1,487	4.1	293	50.4	16	1,220	2.8	102.0	98.2
VT	800	1.9	126	45.2	9	720	1.6	81.1	67.7
MA	9,709	49.8	2,654	49.4	132	7,637	26.3	64.6	71.2
RI	1,549	5.0	307	47.3	18	1,334	3.2	61.6	48.8
CT	5,329	32.7	1,433	46.9	69	4,241	19.8	70.1	76.5
Mid. Atl.:									
NY	39,106	261.2	9,205	43.8	430	32,622	176.3	57.9	50.5
NJ	14,739	89.4	4,481	43.2	211	11,789	46.2	61.5	69.0
PA	17,873	78.4	4,167	49.3	221	14,206	38.9	46.1	47.9
E. No. Cent.:									
OH	16,965	79.6	4,238	49.1	221	12,987	37.5	29.0	44.8
IN	8,953	31.5	1,687	48.0	99	7,459	19.1	23.9	37.9
IL	21,722	131.1	6,114	47.0	287	16,975	65.5	35.0	45.3
MI	12,999	59.8	3,041	49.0	146	10,159	27.8	32.5	44.2
WI	8,159	27.4	1,621	49.8	91	6,832	16.6	39.5	45.8
W. No. Cent.:									
MN	9,020	47.4	2,047	49.6	104	7,334	30.6	62.9	59.4
IA	7,393	25.8	1,117	43.9	69	6,507	19.2	28.6	35.4
MO	10,149	49.4	2,264	47.8	122	8,202	27.5	40.8	49.0
ND	2,109	6.0	313	48.6	19	1,880	4.7	53.7	60.2
SD	1,803	4.9	226	46.6	16	1,635	3.0	42.7	39.4
NE	4,073	17.4	703	47.5	42	3,565	10.1	63.5	42.3
KS	5,607	24.5	1,023	47.6	58	4,605	15.5	40.4	56.7
So. Atl.:									
DE	819	7.3	314	34.8	14	669	2.1	41.7	63.3
MD	5,507	25.8	1,485	49.7	77	4,333	13.3	52.7	64.8
DC	495	2.6	193	53.7	9	394	1.5	21.6	14.3
VA	6,960	28.7	1,602	50.5	91	5,687	14.8	50.4	67.8
WV	2,380	6.1	430	48.6	26	2,016	4.1	35.8	43.5
NC	10,234	39.6	1,939	46.5	116	8,219	18.9	43.8	54.7
SC	4,539	12.7	711	47.7	46	3,884	7.8	53.5	54.0
GA	11,322	56.1	2,559	46.8	140	8,651	22.2	59.3	75.0
FL	19,537	65.6	3,562	46.7	211	16,287	39.1	90.8	95.5
E. So. Cent.:									
KY	5,278	19.2	966	48.1	60	4,338	11.0	42.4	49.4
TN	7,853	37.8	1,761	46.5	102	6,329	19.4	29.2	57.2
AL	5,913	19.6	1,074	46.6	66	4,948	12.2	38.5	52.2
MS	3,633	10.8	571	46.5	38	3,189	8.5	54.4	50.1
W. So. Cent.:									
AR	3,769	10.7	576	47.5	39	3,319	7.3	57.6	59.2
LA	7,678	36.1	1,740	47.0	98	6,335	24.9	84.6	82.1
OK	6,167	28.1	1,306	47.9	71	5,176	18.5	109.3	104.5
TX	31,978	205.0	8,069	47.2	417	25,670	122.7	133.7	109.4
Mt.:									
MT	1,809	4.9	266	47.9	16	1,588	3.7	66.4	63.6
ID	2,026	5.1	308	45.2	21	1,773	3.7	58.9	46.1
WY	1,091	3.3	178	49.6	10	905	2.8	67.7	134.9
CO	6,357	26.9	1,478	50.3	77	4,940	15.2	72.1	86.9
NM	2,123	5.1	345	49.3	21	1,821	4.1	89.3	79.7
AZ	4,555	13.9	906	49.6	52	3,721	8.3	72.1	92.5
UT	2,585	8.7	551	48.4	31	2,085	5.3	62.7	68.0
NV	1,233	3.9	252	45.2	14	1,073	2.6	122.1	98.7
Pac.:									
WA	7,889	31.3	1,777	48.6	90	6,180	18.5	57.6	63.8
OR	5,180	26.9	1,107	47.3	58	4,221	18.9	48.8	44.6
CA	43,278	217.7	11,365	46.4	548	34,832	128.6	69.3	79.4
AK	706	2.7	206	50.4	7	552	1.6	75.2	77.3
HI	1,737	4.1	288	46.3	17	1,434	2.5	58.8	62.0

[1] For the pay period including March 12.

Source: U.S. Bureau of the Census, *1982 Census of Wholesale Trade*, Geographic Area Series, WC82-A-1 to 51.

No. 1417. Selected Services—Summary: 1954 to 1982

[Prior to 1958, excludes Alaska and Hawaii. Data for 1972 through 1982 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. Excludes tax-exempt service industries. See also *Historical Statistics, Colonial Times to 1970*, series T 43–47 and T 391–401]

ITEM	Unit	1954	1958	1963	1967	1972	1977	1982, prel.
Firms, total	1,000	(NA)	(NA)	1,017	1,136	[2] 1,525	[2] 1,764	(NA)
Single unit establishments	1,000	751	928	1,001	1,130	[2] 1,505	[2] 1,745	(NA)
Multiunit establishments [3]	1,000	35	51	61	56	[2] 85	[2] 90	(NA)
Establishments, total	1,000	786	979	1,062	1,188	[2] 1,590	[2] 1,835	(NA)
With payroll	1,000	375	444	504	521	684	725	829
Receipts, total [4]	Bil. dol.	23.5	32.5	44.6	60.5	[2] 113.0	[2] 179.5	(NA)
For establishments with payroll	Bil. dol.	21.3	29.1	41.0	55.5	103.2	164.2	315.2
Average receipts per establishment	$1,000	50.7	65.5	81.3	106.5	151.0	226.5	380.3
For establishments without payroll	Bil. dol.	2.2	3.4	3.6	5.0	9.7	15.3	(NA)
Average receipts per establishment	$1,000	5.5	6.3	6.4	7.5	10.7	13.8	(NA)
By multiunit establishments [3]	Bil. dol.	5.7	9.2	13.9	22.0	37.8	63.5	(NA)
Percent of total receipts	Percent	24.3	28.3	31.1	36.4	33.5	35.4	(NA)
Payroll entire year	Bil. dol.	6.5	9.0	12.2	17.5	[2] 33.4	[2] 56.1	[2] 109.2
Paid employees, March 12 workweek [5]	1,000	2,362	2,904	3,262	3,841	[2] 5,305	[2] 6,337	[2] 8,144
Active proprietors of unincorporated businesses	1,000	781	996	1,017	1,082	(NA)	(NA)	(NA)

NA Not available. [1] Data retabulated to be consistent with 1977 data shown. Excludes those kinds of businesses subject to Federal tax which were covered for the first time in the 1977 Census. See text page 779. [2] Includes architectural, engineering, surveying, legal services, and dental labs. [3] Establishments operated by firms at two or more locations. [4] Beginning 1977, receipts reflect commissions, fees, and other income of advertising agencies rather than gross billings as in previous censuses. (For 1972, the comparable receipts figure is $105.4 billion.) [5] 1954–1963 data for Nov. 15 workweek.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1954*, vol. V; *1958*, vol. V; *1963*, vol. VI; *1967*, vol. V, Part 1; *Census of Selected Service Industries, 1972*, vol. I, and *Census of Service Industries 1977*, vol. I, and *1982*, SC 82-SUM-1(P).

No. 1418. Selected Services—Receipts, by Kinds of Business: 1972 to 1983

[**In billions of dollars.** Data for 1972–1981 based on monthly estimates and reflect methodological revision effective August 1977. Based on *Current Business Survey*, see Appendix III. Comparisons of 1981 and later year data based on the Annual Survey with 1972–1981 data based on monthly estimates should be made with caution since the Annual Survey is based on a different sample of firms]

KIND OF BUSINESS	1972	1975	1978	1979	1980	1981	1981 [1]	1982 [1]	1983 [1]
Selected services, total	**93.4**	**123.0**	**181.4**	**210.1**	**237.5**	**137.8**	**147.3**	**152.0**	**164.2**
Excluding business services	55.7	72.4	103.2	116.5	126.3	(X)	(X)	(X)	(X)
Hotels, motels, tourist courts, camps, and trailering parks	10.6	13.7	20.2	23.5	25.1	27.9	29.3	30.4	33.4
Hotels, motels, and tourist courts	10.0	13.0	19.4	22.2	23.6	26.6	27.8	28.9	31.6
Personal services [2]	13.9	15.7	20.3	22.2	23.6	25.3	27.8	28.8	32.7
Laundry, cleaning, and garment services	5.7	6.0	7.5	8.1	8.8	9.1	9.5	9.8	10.6
Beauty shops	3.0	3.4	4.7	5.2	5.4	5.7	6.1	6.3	7.6
Barber shops	.9	.9	1.1	1.2	1.2	1.2	1.2	1.2	1.3
Business services	37.8	50.6	78.2	93.6	111.2	(NA)	(NA)	(NA)	(NA)
Advertising	10.6	12.8	19.9	23.3	25.5	(NA)	(NA)	(NA)	(NA)
Automotive repair, services, and garages	12.0	16.6	24.9	29.3	32.1	34.0	35.4	37.1	38.1
Automotive repair shops	7.0	10.6	15.2	17.7	18.7	19.8	20.5	21.8	23.2
Miscellaneous repair services	5.8	8.9	14.6	15.8	17.2	16.9	17.4	16.5	16.6
Amusement and recreation services, including motion pictures	13.4	17.6	23.2	25.8	28.3	31.7	37.4	39.1	42.4

NA Not available. X Not applicable. [1] Based on annual survey. [2] Includes services not shown separately.

Source: U.S. Bureau of the Census, Current Business Reports, series BS, *Monthly Selected Services Receipts* and *Service Annual Survey*.

No. 1419. Hotel and Motor Hotel Operations—Occupancy Ratio, Sales Indexes, and Room Rate Index: 1960 to 1983

[*Annual averages of monthly figures.* Based on monthly reports from lodging establishments (approximately 1400 in 1983). Prior to 1980, economy operations were excluded. See table 1420]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
***Occupancy ratio* (percent)**	**65**	**62**	**55**	**65**	**62**	**66**	**68**	**72**	**71**	**68**	**67**	**65**	**65**
Sales indexes (1967 = 100):													
Total sales	94	94	107	128	132	147	163	188	210	234	251	256	267
Room sales	90	91	112	137	145	164	185	218	249	283	305	313	329
Restaurant sales	97	97	100	118	119	129	139	156	167	180	191	193	198
Room rate index (1967 = 100)	**86**	**91**	**125**	**150**	**165**	**178**	**194**	**220**	**255**	**295**	**326**	**348**	**361**

Source: Laventhol & Horwath, Philadelphia, PA., *National Trend of Business in the Lodging Industry*, monthly. (Copyright).

No. 1420. Full-Service and Economy Lodging Industries—Summary: 1980 to 1983

[An economy lodging establishment offers clean, standard-sized, fully-furnished modern rooms at usually $10.00 to $20.00 per night below the rate of typical full-service motor hotels. Their customers do not need food facilities, banquet rooms or meeting facilities, indoor recreation areas, or entertainment. Based on Annual Surveys of Lodging Establishments. Covers approximately 600 full-service establishments and 300 economy establishments in 1983]

ITEM	FULL-SERVICE			ECONOMY		
	1980	1982	1983	1980	1982	1983
Room occupancy rate	70.4	66.0	66.1	77.2	65.7	61.4
Average room rate (dol.)	37.67	43.55	46.67	16.52	21.97	26.04
Sales per available room (dol.)	15,271	16,519	18,118	4,894	5,470	6,047
Payroll and related expenses per available room (dol.)	4,868	5,334	5,960	1,217	1,101	1,301
Ratio of net income before income tax to sales	9.8	7.0	4.6	22.0	24.1	13.5
Employees [1] per 100 available rooms	61.6	55.6	59.3	15.6	(NA)	(NA)
Sales per employee [1] (dol.)	34,753	37,081	36,491	31,842	(NA)	(NA)
Composition of market—(percent)						
Business travelers	40.4	37.0	38.1	43.7	48.3	45.6
Tourists	27.5	32.6	27.4	39.3	34.9	37.0
Conference participants	19.1	21.2	22.0	1.6	2.3	2.7
Percent advanced reservations	77.1	77.5	79.0	20.9	21.7	34.6

NA Not available. [1] Full-time equivalent employees.

Source: Laventhol & Horwath, Philadelphia, PA, *U.S. Lodging Industry*, annual; and *U.S. Economy Lodging Industry*, annual.

No. 1421. Computer and Data Processing Services—Summary: 1972 to 1982

[Receipts and payroll in millions of dollars. For establishments with payroll]

ITEM	Total	Computer programming [1]	DATA PROCESSING		Other computer related services
			Total	Excluding facilities management	
Establishments:					
1972	6,016	1,562	3,845	3,598	609
1977	10,264	3,197	5,683	5,300	1,384
1982 [2]	20,429	9,410	6,643	6,253	4,376
Receipts:					
1972	3,411	971	1,889	1,667	551
1977	7,476	1,992	4,474	4,058	1,010
1982 [2]	22,737	8,689	9,969	9,289	4,079
Payroll:					
1972	1,324	498	709	629	117
1977	2,833	957	1,614	1,440	262
1982 [2]	8,151	3,486	3,484	3,136	1,182
Paid employees: [3]					
1972	127,449	37,657	78,911	71,271	10,881
1977	203,852	51,286	135,736	123,541	16,830
1982 [2]	361,412	131,234	180,388	160,937	49,790

[1] Includes other software services. [2] Preliminary. [3] For pay period including March 12.

Source: US Bureau of the Census, *1982 Census of Service Industries*, SC-82-1-7(P).

No. 1422. Computer and Data Processing—Receipts by Source: 1977 and 1982

[In millions of dollars. For establishments with payroll]

RECEIPT SOURCE	TOTAL		COMPUTER PROGRAMMING [2]		DATA PROCESSING				COMPUTER RELATED SERVICES	
					Total		Excluding facilities management [3]			
	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]	1977	1982 [1]
Total	**7,476**	**22,737**	**1,992**	**8,689**	**4,474**	**9,969**	**4,058**	**9,289**	**1,010**	**4,079**
Programming, systems, analysis and design: [2]										
Prepackaged	1,984	1,801	1,771	1,705	192	47	185	40	(NA)	49
Custom	35	4,404	24	4,079	10	285	10	262	(NA)	41
Research and development [4]		95		79		4		4		12
Data processing and preparation	3,736	8,788	72	306	3,652	8,415	3,842	8,403	(NA)	67
Facilities management	445	866	25	43	416	770	18	180	(NA)	52
Rental or leasing [5] of data processing equipment	453	1,173	13	182	21	97	21	84	(NA)	894
Rental, sales, leasing of integrated systems	568	1,719	30	1,525	55	116	54	116	(NA)	78
Consulting and planning [6]		707		153		31		3		523
Maintenance of equipment		2,192		224		16		15		1,952
Other sources	255	991	57	393	128	188	127	183	(NA)	411

NA Not available. [1] Preliminary. [2] And related software. [3] Operation of customers' in-house operation. [4] Of hardware. [5] Except finance leasing. [6] Except programming services.

Source: US Bureau of the Census, *Census of Service Industries: 1977*, Subject Series, SC-77-5-9, and *1982*, Preliminary Reports, SC-82-1-7(P).

No. 1423. Service Industries—Summary of Establishments with Payroll, by State: 1982

Division and state	Firms subject to federal income tax										Tax-exempt firms	
	Establishments				Receipts (mil. dol.)				Annual payroll (mil. dol.)	Paid employees [3] (1,000)	Establishments	Revenue (mil. dol.)
	Total [1] (1,000)	Business services	Personal services	Automotive repair [2]	Total [1]	Business services	Personal services	Automotive repair [2]				
U.S	1,261.7	215,125	167,749	115,481	426,982	106,866	22,980	30,695	158,625	11,106.1	147,061	61,488
N.E.:												
ME	5.9	614	661	537	1,204	141	71	120	420	37.9	1,133	266
NH	5.5	853	695	498	1,246	234	86	116	457	36.2	990	210
VT	3.2	376	391	261	662	73	38	43	224	23.2	772	144
MA	33.9	6,092	4,661	3,104	13,317	4,071	618	862	5,363	353.3	5,022	2,584
RI	5.4	851	857	544	1,351	310	85	119	514	41.3	811	324
CT	19.6	4,065	2,872	1,577	6,408	1,959	379	437	2,392	170.9	2,495	927
M.A.:												
NY	102.9	21,477	13,073	8,214	43,804	14,745	1,948	2,210	15,777	982.6	11,693	8,277
NJ	45.5	8,959	6,254	4,052	16,349	4,618	802	1,058	6,020	401.4	3,544	1,364
PA	55.0	8,255	8,152	5,996	19,083	4,581	1,038	1,390	7,045	485.9	9,424	3,287
E.N.C.:												
OH	52.1	7,922	8,066	5,039	15,515	3,680	1,096	1,331	6,091	450.8	7,129	2,557
IN	24.4	3,493	3,768	2,577	6,252	1,170	499	622	2,313	187.6	3,622	1,036
IL	57.6	11,453	7,746	5,030	21,396	6,130	1,206	1,501	8,170	547.7	6,934	3,994
MI	43.7	6,390	5,802	3,887	13,448	3,155	839	1,070	5,312	362.8	5,076	1,886
WI	22.8	3,271	3,845	1,925	5,956	1,077	433	472	2,450	190.3	3,222	1,085
W.N.C.:												
MN	20.0	3,578	2,895	1,706	6,472	1,502	426	462	2,535	198.0	3,575	1,747
IA	14.6	1,671	2,544	1,526	3,364	640	250	299	1,209	105.7	2,686	727
MO	25.6	3,974	4,015	2,659	8,160	2,124	505	730	3,078	225.3	3,072	1,217
ND	3.1	382	599	292	611	106	64	75	310	23.4	719	180
SD	3.5	394	540	357	674	75	53	61	234	21.4	746	154
NE	8.5	1,174	1,439	944	2,229	496	156	210	803	66.3	1,403	409
KS	12.7	1,798	1,933	1,312	3,064	592	235	267	1,140	92.1	2,171	493
S.A.:												
DE	3.2	569	474	299	850	171	50	90	330	27.4	485	153
MD	22.6	4,255	2,989	1,798	6,583	3,107	447	538	3,404	228.1	2,580	1,411
DC	6.3	1,571	505	403	4,218	1,156	99	123	1,597	88.4	2,008	3,193
VA	27.6	5,023	4,172	2,496	9,177	2,882	553	616	3,675	255.3	3,145	1,552
WV	7.4	723	1,327	630	1,758	201	146	109	693	50.2	1,241	264
NC	27.1	3,739	4,316	2,746	6,266	1,205	538	586	2,371	198.4	3,076	830
SC	13.9	1,817	2,080	1,357	3,301	490	243	276	1,255	105.1	1,383	291
GA	28.2	4,836	3,894	2,825	8,795	2,332	495	766	3,231	242.8	2,659	842
FL	68.7	12,025	8,753	5,757	21,542	4,539	1,095	1,736	8,082	600.7	5,468	1,957
E.S.C.:												
KY	14.7	1,681	2,410	1,355	3,678	579	300	288	1,336	111.9	1,882	527
TN	21.4	3,063	3,311	2,099	6,344	1,504	446	509	2,346	177.3	2,483	719
AL	15.9	2,127	2,694	1,691	4,339	777	291	405	1,606	125.6	1,681	422
MS	9.7	1,082	1,460	984	2,172	333	151	187	782	68.2	1,309	266
W.S.C.:												
AR	10.1	1,189	1,536	1,083	2,177	278	181	221	805	68.6	1,339	298
LA	22.1	3,853	2,344	2,035	7,698	2,075	381	467	2,685	202.3	1,726	495
OK	16.7	2,718	1,980	1,483	5,097	1,182	305	367	1,794	132.9	1,785	509
TX	85.7	16,195	10,946	8,481	32,038	8,159	1,754	2,481	11,442	783.0	7,167	2,594
Mt.:												
MT	5.0	584	604	483	1,006	112	58	95	345	31.6	977	163
ID	5.1	591	682	484	1,068	169	70	97	396	33.5	626	303
WY	3.5	462	369	302	894	178	39	69	280	22.9	538	94
CO	21.7	4,077	2,415	1,944	7,325	1,660	349	548	2,596	191.1	2,239	920
NM	7.4	1,058	988	721	2,408	943	102	157	883	61.2	954	255
AZ	17.3	3,175	2,132	1,507	5,070	1,113	292	395	1,881	147.8	1,591	538
UT	7.9	1,290	743	744	2,173	416	104	224	770	59.8	647	191
NV	6.2	1,052	671	492	6,060	520	149	162	2,112	152.3	453	93
Pac.:												
WA	25.4	3,914	3,321	2,148	7,359	1,673	405	547	2,794	198.1	3,349	1,108
OR	16.3	2,398	1,857	1,375	3,899	686	223	328	1,430	112.3	2,053	551
CA	170.4	31,469	16,868	14,991	67,083	16,387	2,761	4,536	24,569	1,530.9	14,561	7,453
AK	2.6	523	237	164	1,155	248	46	67	434	21.2	558	196
HI	6.1	1,024	669	567	2,660	314	101	249	904	71.1	860	433

[1] Includes other establishments and receipts, not shown separately. [2] Includes services and garages.
[3] For the pay period including March 12.

Source: U.S. Bureau of the Census, *1982 Census of Service Industries*, Geographic Area Series, SC82-A-1 to 51.

No. 1424. Service Industries—Summary of Establishments With Payroll, by Tax Status: 1977 and 1982

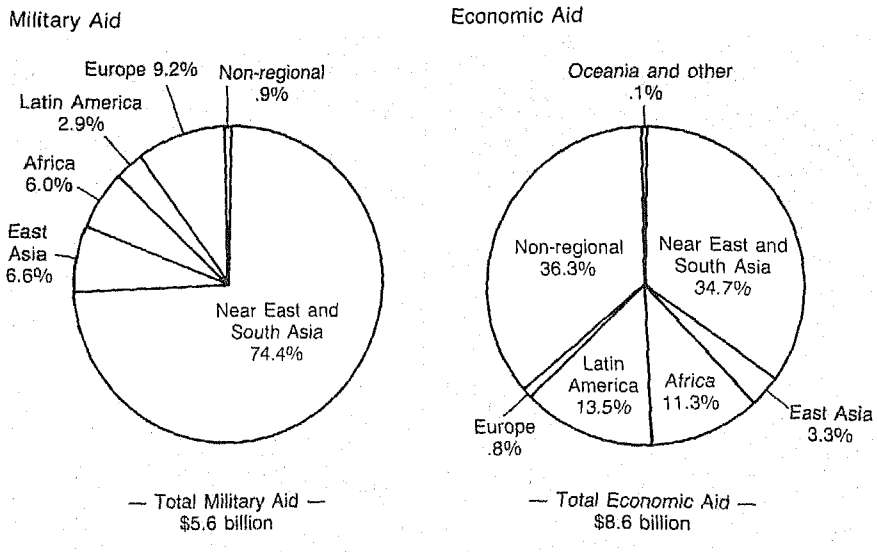
[See *Historical Statistics, Colonial Times to 1970*, series T391-443 for similar but not comparable data]

Kind of business	Establishment with payroll (1,000)		Receipts or expenses [2] (mil. dol.)		Annual payroll (mil. dol.)		Paid employees [3] (1,000)	
	1977	1982[1]	1977	1982[1]	1977	1982[1]	1977	1982[1]
Firms subject to Federal income tax	1,072.2	1,262.8	225,575	430,604	81,183	159,287	8,618.9	11,179.2
Hotels, motels, and other lodging places	44.7	41.9	16,127	33,554	5,190	9,285	918.7	1,112.0
Hotels, motor hotels, and motels	37.2	35.6	17,415	32,453	5,027	9,050	894.1	1,085.1
Trailering parks and camps	4.5	4.0	478	825	103	158	11.9	14.9
Rooming, boarding, and membership lodgings	3.1	2.3	234	276	60	78	12.7	11.9
Personal services	170.2	168.2	15,297	23,163	5,478	7,991	910.4	981.0
Laundry, cleaning, and garment services	46.6	44.1	6,326	9,439	2,288	3,264	361.0	358.6
Photographic studios, portrait	6.2	7.1	841	1,382	215	348	29.8	44.0
Beauty and barber shops	86.1	79.2	3,825	5,247	1,816	2,388	316.7	311.7
Shoe, repair, shoe shine, etc	3.1	2.8	151	189	40	56	7.2	7.0
Funeral service, crematories	15.1	15.1	2,652	3,748	639	931	71.6	74.2
Misc. personal services	13.1	19.9	1,503	3,158	480	1,005	124.0	166.0
Business services	154.8	215.9	49,999	111,414	20,852	44,055	2,297.4	3,233.5
Advertising	10.9	13.0	4,483	8,352	1,921	3,377	118.8	146.2
Services to dwellings, other buildings	26.3	31.8	4,210	7,379	2,256	3,893	426.3	541.3
Computer, data processing services	10.3	20.4	7,476	22,736	2,833	8,151	203.9	361.4
Computer programming, other software services	3.2	9.4	1,992	8,888	957	3,486	51.3	131.2
Data processing services	5.7	6.6	4,474	9,969	1,614	3,484	135.7	180.4
Computer related services, n.e.c. [4]	1.4	4.4	1,010	4,078	262	1,182	16.8	49.8
Management, consulting, public relations	24.7	41.6	6,653	17,969	2,839	7,211	208.8	390.6
Equipment rental, leasing services	12.0	17.3	[5] 4,596	10,919	[5] 1,060	2,411	[5] 84.6	137.9
Other business services [6]	70.6	91.7	22,448	44,057	9,918	19,012	1,252.5	1,656.1
Credit reporting, collection agencies	6.1	5.9	1,238	2,118	539	809	64.2	60.6
Direct mail advertising services	1.7	2.0	843	1,790	276	569	31.5	44.9
Commercial photography, art, graphics	7.8	10.3	1,719	3,151	588	1,040	46.0	57.2
Personnel supply services	11.9	16.4	4,624	10,230	2,881	6,044	431.7	629.5
Research and development labs	1.8	2.4	2,026	3,698	843	1,490	48.5	61.6
Testing labs and facilities	1.9	2.4	686	1,430	308	658	25.3	35.8
Detective agencies, protective services	7.1	9.3	2,615	5,481	1,598	3,045	279.9	343.1
Automotive repair, services, garages	106.2	115.4	19,659	31,054	4,456	7,126	483.2	558.4
Automotive rental and leasing, without drivers	8.7	9.1	6,290	9,763	834	1,412	75.5	95.9
Automobile parking	8.2	8.3	992	1,601	211	332	33.9	35.3
Automotive repair shops	80.7	88.6	11,283	18,113	3,090	4,932	316.3	366.9
General auto repair	37.2	40.5	4,641	7,136	1,173	1,851	128.3	144.6
Top and body repair	22.6	23.8	2,907	4,948	874	1,427	87.9	103.0
Other auto repair	20.9	24.3	3,735	6,029	1,043	1,655	120.0	119.2
Automotive services, exc. repair	8.7	9.4	1,092	1,577	320	450	57.6	60.3
Miscellaneous repair services	55.0	54.5	9,556	14,409	2,992	4,634	279.1	305.2
Electrical, electronic, repair shops	19.1	16.6	3,077	4,062	1,001	1,319	95.2	86.9
Reupholstery, furniture repair	7.1	6.0	[5] 488	605	[5] 147	195	[5] 20.9	20.0
Other repair shops, related services	28.7	31.9	5,966	9,742	1,833	3,121	161.8	198.3
Amusement, recreation services, incl. motion pictures	61.8	67.2	19,756	32,715	5,272	8,737	660.3	790.6
Motion picture prod., distribution, services	5.5	7.9	5,314	9,967	1,377	2,431	88.4	122.2
Motion picture theaters	10.7	9.4	2,570	3,568	462	567	112.2	104.2
Producers, orchestras, entertainers	6.7	6.7	1,768	3,246	524	962	50.1	53.7
Bowling alleys, billiards, pool establishments	8.0	7.4	1,702	2,224	490	634	108.1	106.8
Commercial sports, other amusement, recreation services	30.9	35.9	8,401	13,708	2,419	4,143	301.5	403.7
Health services, except hosptials [6]	277.7	346.5	50,764	94,516	20,952	41,935	1,821.0	2,418.3
Offices of physicians	136.2	172.6	26,949	49,954	11,854	24,279	624.0	817.9
Offices of dentists	82.7	95.0	9,529	16,056	3,044	5,782	284.4	403.0
Medical and dental laboratories	10.7	12.2	2,347	4,126	960	1,625	87.9	103.6
Legal services	94.9	115.4	17,147	34,338	5,217	12,554	392.0	569.3
Selected educational services [6]	6.8	7.4	1,382	2,717	493	876	61.2	71.4
Correspondence and vocational schools	2.6	2.6	841	1,634	302	545	34.1	40.1
Schools and educational services, n.e.c. [4]	4.0	4.5	532	1,061	186	324	44.3	30.6
Engineering, architectural, surveying services	34.4	45.2	14,049	33,532	6,292	14,340	373.2	566.5
Accounting, auditing, bookkeeping services	39.3	51.8	7,277	14,596	2,917	5,918	230.9	329.6
Social and other services	26.4	33.4	2,559	4,596	1,073	1,836	191.4	243.4
Social services	23.1	27.7	2,038	3,744	866	1,513	177.4	225.9
Child day care services	14.2	18.0	760	1,405	339	617	87.5	123.7
Firms exempt from Federal income tax	(X)	146.9	(X)	55,802	(X)	23,545	(X)	2,312.2
Hotels, camps, membership lodging	(X)	4.5	(X)	617	(X)	193	(X)	29.3
Research, testing, consulting services	(X)	1.2	(X)	3,459	(X)	1,637	(X)	69.1
Selected amusement, rec., related services	(X)	10.6	(X)	5,126	(X)	2,120	(X)	215.8
Selected health services [6]	8.7	10.1	4,764	10,760	2,516	5,368	333.0	501.5
Nursing and personal care facilities	2.3	3.2	2,216	5,055	1,203	2,752	201.8	296.1
Outpatient care facilities	4.2	4.7	1,805	3,837	918	1,591	85.2	105.1
Legal aid societies, similar legal services	1.1	1.3	259	420	153	256	12.4	14.7
Selected educational services	4.1	4.4	702	1,194	315	509	49.4	54.9
Social services	41.0	52.3	8,295	16,358	4,124	7,419	676.5	892.0
Child day care services	10.6	12.7	829	1,562	495	926	102.4	140.0
Selected membership organizations [6]	58.1	60.7	8,489	15,529	3,073	5,258	417.3	492.4
Business associations	11.7	12.0	2,308	4,630	822	1,469	68.8	80.3
Civic, social, and fraternal associations	34.1	34.7	3,606	5,756	1,342	2,060	255.9	288.0
Noncommercial educational, scientific, and research organizations	1.9	1.9	1,437	2,340	595	784	47.8	42.5

X Not applicable. [1] Preliminary. [2] Receipts refer to taxable establishments; expenses to tax-exempt establishments. [3] For pay period including March 12. [4] N.e.c. means not elsewhere classified. [5] Data revised since originally published; revisions not carried to the broader kind-of-business level. [6] Includes other kinds of businesses, not shown separately.

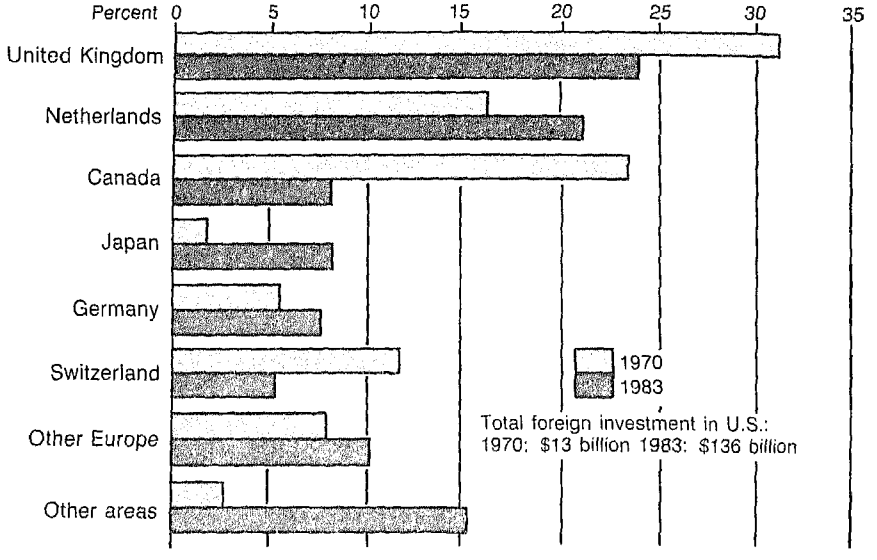
Source: U.S. Bureau of the Census, *Census of Service Industries, 1977, Geographic Area Series, vol. II* and *1982 Census of Service Industries*, Preliminary Report Summary Series, SC82-SUM-1(P).

Figure 31.1
U.S. Foreign Aid, by Region: 1983

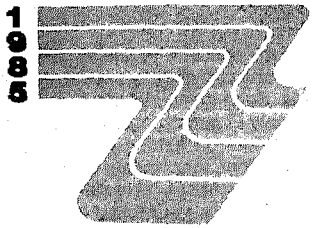


Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1438 and 1439.

Figure 31.2
Foreign Direct Investment in the U.S. — Percent Distribution by Area: 1970 and 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1430.



Section 31

Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business.* Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement,* 1963 revised edition, in the periodic *Foreign Grants and Credits by the United States Government,* and in the June issues of the *Survey of Current Business.* Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations;* and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States.*

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A: Commodity by Country;* Report FT 410, *U.S. Exports, Schedule E: Commodity by Country;* and Report FT 990, *Highlights of U.S. Export and Import Trade.* The *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics* lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business,* respectively. The merchandise trade data in the latter source include balance of payments adjustments to the Census data. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1425–1427) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The international investment position table (No. 1428) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors, are changes in the valuation of assets or liabilities, including securities, defaults, expropriations, and write-offs.

Direct investment abroad means ownership or control, direct or indirect, by one U.S. person or business enterprise of 10 percent or more of the voting securities of an incorporated foreign business enterprise or an equivalent interest in an unincorporated foreign business enterprise. Direct investment position is the yearend value of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates less foreign affiliates' receivables due from the United States. Income consists of U.S. parents' shares in earnings (net of foreign income taxes) of their foreign affiliates plus net interest on intercompany accounts, less withholding taxes on dividends and interests.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). *Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87–128, currency claims from principal and interest collected on credits extended under the farm products program), *less* the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, government investments in certain productive enterprises abroad, government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance were also made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 for certain countries in Southeast Asia and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors, due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since July 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from $100–$499 for July 1953–September 1969, $251–$499 for October 1969–February 1979, and $501–$999, for March 1979–June 1981. Effective July 1, 1981, the statistics for countries other than Canada reflect fully compiled data for shipments valued over $500. For Canada, upper-value limits were raised to $1,999 in January 1963, and lower-value to $251 and $501 in October 1969 and March 1979, respectively. Shipments valued below lower limits (under $100, under $251, and under $501) for the different periods are estimated to represent about one percent of the total value of exports, and the $501–$1,999 shipments to Canada about one percent and the $501–$999 shipments to other countries about two percent.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. From 1974–1981, data on import values were presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuation, primarily used for collection of import duties, frequently did not reflect the actual transaction value. Beginning 1982, import data are based on customs values, i.e., the price paid by the buyer to the seller in accordance with the 1979 Trade Agreement Act amendments to the 1930 Tariff Act. For the c.i.f. imports, the new customs value was substituted for the arms-length transaction value used for 1981 and earlier years. The f.a.s. transaction values were discontinued as of January 1982. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

Imports are classified either as "General Imports" or "Imports for Consumption." General imports are a combination of entries for immediate consumption, entries into customs bonded warehouses,

and entries into U.S. Foreign Trade Zones, thus generally reflecting total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption, withdrawals from warehouses for consumption, and entries of merchandise into U.S. customs territory from U.S. Foreign Trade Zones, thus generally reflecting the total of the commodities entered into U.S. consumption channels.

Since July 1953, the import statistics include estimates, not classified by commodity, for certain low-valued shipments. For July 1953-July 1965, entries valued under $100, in general, were estimated, while entries valued under $251 have been estimated since July 1965. The estimated low-valued shipments generally amount to less than one percent of the import total.

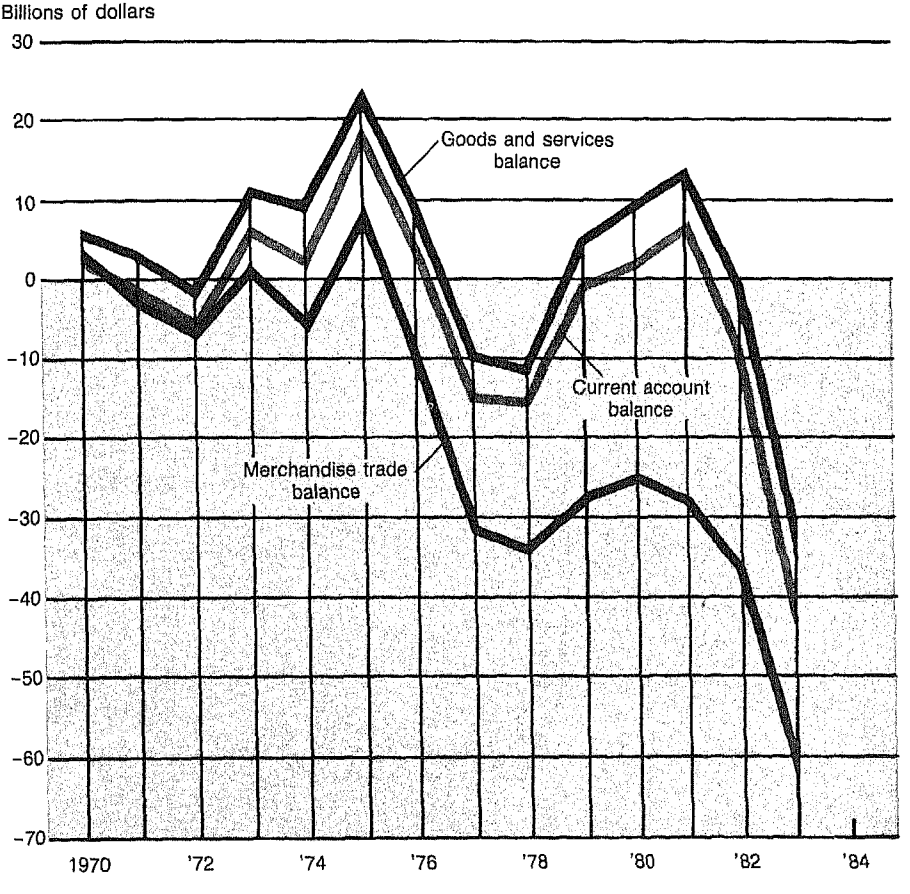
Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States Customs area (includes the 50 States, the District of Columbia and Puerto Rico), the U.S. Virgin Islands (effective January 1981), and U.S. Foreign Trade Zones (effective July 1982). Data for selected tables and total values for 1980, have been revised to reflect the U.S. Virgin Islands' trade with foreign countries, where possible.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 31.3

U.S International Transaction Balances: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1426.

No. 1425. U.S. International Transactions: 1970 to 1983

[In millions of dollars. Minus sign (−) indicates debits. See also *Historical Statistics, Colonial Times to 1970*, series U 1–25]

TYPE OF TRANSACTION	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Exports of goods and services [1]	65,674	110,241	146,666	155,729	171,630	184,276	219,994	286,796	342,485	375,721	349,448	332,201
Merchandise, excl. military [2 3]	42,469	71,410	98,306	107,088	114,745	120,816	142,054	184,473	224,269	237,085	211,198	200,257
Foods, feeds, and beverages	5,874	15,199	18,638	19,234	19,829	19,724	25,155	30,005	35,721	36,163	31,620	31,134
Industrial supplies and materials	13,795	19,790	29,942	29,789	31,993	34,312	39,044	58,139	71,947	69,950	63,620	58,023
Capital goods, except automotive	14,659	21,999	30,878	36,639	39,113	39,766	46,471	58,843	74,210	81,614	73,675	68,279
Automotive vehicles and parts [4]	3,870	6,952	8,815	10,794	12,229	13,536	15,742	18,402	17,540	19,791	17,393	18,327
Consumer goods (nonfood) [5]	2,798	4,800	6,399	6,560	8,022	8,931	10,466	12,845	16,633	16,386	14,723	13,934
Transfers under U.S. military agency sales contracts	1,501	2,559	3,379	4,049	5,454	7,351	7,973	6,516	8,274	10,003	12,209	12,737
Travel and transportation	6,000	8,852	10,833	11,576	13,718	14,606	16,922	20,568	24,797	28,584	27,880	27,247
Miscellaneous services	3,957	5,611	6,561	7,666	8,426	9,325	10,801	11,107	12,641	13,639	14,301	14,958
Income on U.S. assets abroad	11,747	21,808	27,587	25,351	29,286	32,179	42,245	64,132	72,506	86,411	83,862	77,003
Direct investment	8,169	16,542	19,157	16,595	18,999	19,673	25,458	38,183	37,146	32,549	22,269	20,757
Other private receipts	2,671	4,330	7,356	7,644	8,955	10,881	14,944	23,654	32,798	50,182	57,474	51,414
U.S. Government receipts	907	936	1,074	1,112	1,332	1,625	1,843	2,295	2,562	3,680	4,119	4,832
Transfers of goods and services under U.S. military grants, net	2,713	2,810	1,818	2,207	373	203	236	465	756	675	594	205
Imports of goods and services	−60,050	−99,219	−137,519	−133,000	−162,425	−194,170	−230,335	−282,110	−333,510	−362,593	−350,590	−365,113
Merchandise, excl. military [2 3]	−39,866	−70,499	−103,811	−98,185	−124,228	−151,907	−176,020	−212,028	−249,781	−265,086	−247,667	−261,312
Foods, feeds, and beverages	−6,147	−9,119	−10,566	−9,642	−11,546	−13,981	−15,397	−17,366	−18,127	−18,113	−17,108	−18,186
Industrial supplies and materials	−15,343	−27,603	−54,029	−50,638	−63,717	−79,933	−83,613	−108,976	−133,290	−135,222	−111,311	−107,392
Capital goods, except automotive	−3,978	−8,263	−9,819	−10,166	−12,282	−13,985	−19,705	−25,029	−31,161	−36,679	−38,338	−41,013
Automotive vehicles and parts [4]	−5,515	−10,706	−12,425	−12,065	−16,782	−19,359	−24,993	−26,433	−27,903	−30,995	−34,083	−42,028
Consumer goods (nonfood) [5]	−7,403	−12,892	−14,380	−13,211	−17,165	−21,796	−28,943	−30,566	−34,445	−38,664	−39,660	−45,313
Direct defense expenditures	−4,855	−4,629	−5,032	−4,795	−4,895	−5,823	−7,352	−8,294	−10,511	−11,118	−12,014	−12,222
Travel and transportation	−6,038	−12,010	−14,017	−14,388	−16,276	−18,171	−20,495	−23,503	−25,794	−28,440	−28,888	−31,831
Miscellaneous services	−1,777	−2,427	−2,575	−3,068	−3,715	−4,053	−4,768	−5,372	−5,364	−5,591	−5,962	−6,254
Income on foreign assets in U.S	−5,516	−9,655	−12,084	−12,564	−13,311	−14,217	−21,680	−32,914	−42,063	−52,359	−56,059	−53,495
Direct investment	−875	−1,610	−1,331	−2,234	−3,110	−2,834	−4,211	−6,357	−8,656	−7,053	−4,129	−6,734
Other private payments	−3,617	−4,209	−6,491	−5,788	−5,681	−5,841	−8,795	−15,481	−20,893	−26,553	−33,833	−29,104
U.S. Government payments	−1,024	−3,836	−4,262	−4,542	−4,520	−5,542	−8,674	−11,076	−12,512	−16,753	−18,097	−17,657
U.S. military grants of goods and services, net	−2,713	−2,810	−1,818	−2,207	−373	−203	−236	−465	−756	−675	−594	−205
Unilateral transfers (excl. military grants), net	−3,294	−3,881	[6] −7,186	−4,613	−4,998	−4,617	−5,106	−5,649	−7,077	−6,833	−8,058	−8,651
U.S. Government grants	−1,736	−1,938	[6] −5,475	−2,894	−3,146	−2,787	−3,176	−3,550	−4,731	−4,452	−5,423	−6,060
U.S. Govt. pensions, private remittances, other transfers	−1,558	−1,943	−1,711	−1,719	−1,851	−1,830	−1,930	−2,100	−2,346	−2,382	−2,635	−2,591

U.S. assets abroad, net (increase/capital outflow (−))	−9,337	−22,874	−34,745	−39,703	−51,269	−34,785	−61,130	−64,331	−86,118	−110,978	−118,898	−49,490
U.S. official reserve assets, net	2,481	158	−1,467	−849	−2,558	−375	732	−1,133	−8,155	−5,175	−4,965	−1,196
U.S. Govt. assets, other than official reserve assets, net	−1,589	−2,644	[6] 366	−3,474	−4,214	−3,693	−4,660	−3,746	−5,162	−5,107	−6,143	−5,013
U.S. loans and other long-term assets	−3,293	−4,636	−5,001	−5,941	−6,943	−6,445	−7,470	−7,597	−9,860	−9,667	−10,063	−9,937
Repayments on U.S. loans [7]	1,721	2,596	[5] 4,826	2,475	2,596	2,719	2,941	3,926	4,456	4,395	4,282	4,969
U.S. foreign currency holdings and U.S. short-term assets, net	−16	−602	[5] 541	−9	133	33	−131	25	242	165	−362	−52
U.S. private assets, net	−10,229	−20,388	−33,643	−35,380	−44,498	−30,717	−57,202	−59,453	−72,802	−100,694	−107,790	−43,281
Direct investments abroad	−7,590	−11,353	−9,052	−14,244	−11,949	−11,890	−16,056	−25,222	−18,222	−9,624	4,756	−4,881
Foreign securities	−1,076	−671	−1,854	−6,247	−8,885	−5,460	−3,626	−4,726	−3,563	−5,714	−8,102	−7,676
U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	−596	−2,383	−3,221	−1,357	−2,296	−1,940	−3,853	−3,291	−3,174	−1,181	6,626	−5,333
U.S. claims reported by U.S. banks, n.i.e.[8]	−967	−5,980	−19,516	−13,532	−21,368	−11,427	−33,667	−26,213	−46,838	−84,175	−111,070	−25,391
Foreign assets in the U.S., net (increase/capital inflow (+))	6,359	18,388	34,241	15,670	36,518	51,319	64,036	38,752	58,086	81,313	95,181	81,722
Foreign official assets in the U.S., net	6,908	6,026	10,546	7,027	17,693	36,816	33,678	−13,665	15,497	5,003	3,318	5,339
Other foreign assets in the U.S., net	−550	12,362	23,696	8,643	18,826	14,503	30,358	52,416	42,589	76,310	91,863	76,383
Direct investments in U.S.	1,464	2,800	4,760	2,603	4,347	3,728	7,897	11,877	16,892	23,148	14,865	11,299
U.S. Treasury securities	81	−216	697	2,590	2,783	534	[9] 2,178	[9] 4,960	[9] 2,645	[9] 2,946	[9] 7,062	[9] 8,731
U.S. securities other than U.S. Treasury securities	2,189	4,041	378	2,503	1,284	2,437	2,254	1,351	5,457	7,171	6,397	8,612
U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	2,014	1,035	1,844	319	−578	1,086	1,889	1,621	6,852	917	−2,383	−1,318
U.S. liabilities reported by U.S. banks, n.i.e.[8]	−6,298	4,702	16,017	628	10,990	6,719	16,141	32,607	10,743	42,128	65,922	49,059
Allocations of special drawing rights	867	–	–	–	–	–	–	1,139	1,152	1,093	–	–
Statistical discrepancy (sum of above items with sign reversed)	−219	−2,654	−1,458	5,917	10,544	−2,023	12,540	25,404	24,982	22,275	32,916	9,331
Balance on merchandies trade	2,603	911	−5,505	8,903	−9,483	−31,091	−33,966	−27,555	−25,512	−28,001	−36,469	−61,055
Balance on goods and services	5,625	11,021	9,147	22,729	9,205	−9,894	−10,340	4,686	8,975	13,128	−1,141	−32,912
Balance on goods, services, and remittances	4,067	9,078	7,437	21,011	7,354	−11,724	−12,270	2,586	6,629	10,746	−3,776	−35,503
Balance on current account	2,331	7,140	1,962	18,116	4,207	−14,511	−15,446	−964	1,898	6,294	−9,199	−41,563

– Represents zero. [1] Excludes transfers of goods and services under U.S. military grant programs. [2] Excludes exports of goods under U.S. military agency sales contracts identified in Bureau of the Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of census statistics to a balance of payments basis. [3] Includes other end-use items, not shown separately. [4] Includes engines. [5] Excludes automotive. [6] Includes extraordinary U.S. Govt. transactions with India. [7] Includes sales of foreign obligations to foreigners. [8] Not included elsewhere. [9] Includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1984.

No. 1426. U.S. International Transactions—Summary: 1960 to 1984

[In billions of dollars. Reserve assets are for end of period. Minus sign (−) indicates headnote, table 1425]

Year	Merchandise trade balance [1]	Net investment income	Net military transactions	Net travel and transportation receipts	Other services, net	Balance on goods and services	Unilateral transfers [1]	Balance on current account	Net foreign assets in U.S.	Net U.S. assets abroad	Net U.S. official reserve assets
1960	4.9	3.4	−2.8	−1.0	.6	5.1	−2.3	2.8	2.3	−4.1	19.4
1965	5.0	5.3	−2.1	−1.3	1.4	8.3	−2.9	5.4	.7	−5.7	15.5
1966	3.8	5.0	−2.9	−1.3	1.4	6.0	−2.9	3.0	3.7	−7.3	14.9
1967	3.8	5.3	−3.2	−1.8	1.6	5.7	−3.1	2.6	7.4	−9.8	14.8
1968	.6	6.0	−3.1	−1.5	1.6	3.6	−3.0	.6	9.9	−11.0	15.7
1969	.6	6.0	−3.3	−1.8	1.8	3.4	−3.0	.4	12.7	−11.6	17.0
1970	2.6	6.2	−3.4	−2.0	2.2	5.6	−3.3	2.3	6.4	−9.3	14.5
1971	−2.3	7.3	−2.9	−2.3	2.5	2.3	−3.7	−1.4	23.0	−12.5	12.2
1972	−6.4	8.2	−3.4	−3.1	2.8	−1.9	−3.9	−5.8	21.5	−14.5	13.2
1973	.9	12.2	−2.1	−3.2	3.2	11.0	−3.9	7.1	18.4	−22.9	14.4
1974	−5.5	15.5	−1.7	−3.2	4.0	9.1	−7.2	2.0	34.2	−34.7	15.9
1975	8.9	12.8	−.7	−2.8	4.6	22.7	−4.6	18.1	15.7	−39.7	16.2
1976	−9.5	16.0	.6	−2.6	4.7	9.2	−5.0	4.2	36.5	−51.3	18.7
1977	−31.1	18.0	1.5	−3.6	5.3	−9.9	−4.6	−14.5	51.3	−34.8	19.3
1978	−34.0	20.6	.6	−3.6	6.0	−10.3	−5.1	−15.4	64.0	−61.1	18.7
1979	−27.6	31.2	−1.8	−2.9	5.7	4.7	−5.6	−1.0	38.8	−64.3	19.0
1980	−25.5	30.4	−2.2	−1.0	7.3	9.0	−7.1	1.9	58.1	−66.1	26.8
1981	−28.0	34.1	−1.1	.1	8.0	13.1	−6.8	6.3	81.3	−111.0	30.1
1982	−36.5	27.8	.2	−1.0	8.3	−1.1	−8.1	−9.2	95.2	−118.9	34.0
1983	−61.1	23.5	.5	−4.6	8.7	−32.9	−8.7	−41.6	81.7	−49.5	33.7
1984, 1st quarter	−25.6	7.6	−.3	−1.3	2.3	−17.3	−2.2	−19.4	11.8	−5.9	35.0

[1] Excludes military grants.

Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly; and *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

No. 1427. U.S. Balances on International Transactions, by Areas and Selected Countries: 1981 to 1983

[In millions of dollars. Balances by area have some shortcomings due to statistical discrepancies including errors, omissions, and incorrect area attributions. Minus sign (−) indicates debits]

Area or country	1981, balance on—			1982, balance on—			1983, balance on—		
	Merchandise trade [1]	Goods and services	Current account	Merchandise trade [1]	Goods and services	Current account	Merchandise trade [1]	Goods and services	Current account
All areas	**−28,001**	**13,128**	**6,294**	**−36,469**	**−1,141**	**−9,199**	**−61,055**	**−32,912**	**−41,563**
European Economic Community [2]	9,942	6,150	8,450	4,556	2,429	2,632	−407	−5,945	−5,699
United Kingdom	−263	3,600	3,859	−2,352	−1,064	−841	−2,008	−2,239	−1,993
Belgium-Luxembourg	3,362	3,632	3,617	2,767	3,039	3,019	2,571	3,376	3,358
France	1,592	1,193	1,145	1,661	1,880	1,827	−39	−113	−172
Germany	−887	−4,722	−4,192	−2,689	−6,336	−5,866	−4,284	−10,089	−9,806
Italy	234	41	−166	−649	−592	−795	−1,542	−1,627	−1,834
Netherlands	5,010	3,073	3,060	4,979	4,331	4,376	4,675	4,000	3,985
Other Western Europe	2,293	1,596	1,207	2,237	1,176	469	1,388	−166	−692
Eastern Europe	2,887	3,456	3,341	2,682	3,092	3,028	1,547	1,901	1,757
Canada	−2,242	7,372	7,174	−9,323	316	98	−10,546	704	551
Latin America, other Western Hemisphere	3,705	21,345	20,100	−5,407	9,360	8,021	−16,286	−6,656	−8,163
Japan [3]	−15,802	−13,854	−13,923	−18,991	−15,388	−15,478	−19,630	−18,283	−18,332
Australia, South Africa [4]	3,388	6,574	6,515	2,623	4,288	4,226	1,267	2,682	2,624
Other Asia and Africa	−32,260	−21,807	−26,085	−16,888	−6,644	−11,750	−18,453	−8,268	−14,088
Int'l. and unallocated	88	294	−483	42	231	−444	65	1,119	478

[1] Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. [2] Includes Denmark, Greece, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately. [3] Includes Ryukyu Islands. [4] Includes New Zealand.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1984.

NO. 1428. INTERNATIONAL INVESTMENT POSITION, 1950 TO 1983, AND BY SELECTED AREAS, 1983

[In billions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See *Historical Statistics, Colonial Times to 1970,* series U 26-39, for similar data]

TYPE OF INVESTMENT	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976
U.S. net international investment position	36.7	37.2	44.7	61.6	58.6	37.0	47.9	58.7	74.2	83.6
U.S. assets abroad	54.4	65.1	85.6	120.4	165.5	198.7	222.4	255.7	295.1	347.2
U.S. official reserve assets	24.3	22.8	19.4	15.5	14.5	13.2	14.4	15.9	16.2	18.7
U.S. Government assets, other	11.1	13.1	17.0	23.5	32.1	36.1	38.8	38.3	41.8	46.0
U.S. private assets	19.0	29.1	49.2	81.4	118.8	149.4	169.2	201.5	237.1	282.4
Foreign assets in U.S	17.6	27.8	40.9	58.8	106.8	161.7	174.5	197.0	220.9	263.6
Foreign official assets	(NA)	(NA)	[1]12.4	[1]16.8	26.1	63.0	69.3	79.9	86.9	104.4
Other foreign assets	(NA)	(NA)	28.5	42.0	80.7	98.7	105.3	117.1	134.0	159.1

TYPE OF INVESTMENT	1977	1978	1979	1980	1981	1982	1983			
							Total [2]	Western Europe	Canada	Latin America [3]
U.S. net international investment position	71.3	76.2	94.6	106.1	143.1	149.5	106.0	−100.2	68.5	95.3
U.S. assets abroad	379.1	447.9	510.6	606.9	719.6	838.1	887.4	267.6	118.9	262.9
U.S. official reserve assets	19.3	18.6	19.0	26.8	30.1	34.0	33.7	4.2	(Z)	(Z)
U.S. Government assets, other	49.6	54.2	58.4	63.6	68.5	74.4	79.3	10.5	.6	14.0
U.S. loans and other long-term assets	47.8	52.3	56.5	61.8	67.0	72.7	77.6	10.4	.6	14.0
U.S. foreign currency holdings and short-term assets	1.8	1.9	1.9	1.7	1.4	1.7	1.7	.2	(Z)	(Z)
U.S. private assets	310.2	375.0	433.2	516.6	621.1	729.8	774.4	252.9	118.2	248.8
Direct investments abroad	146.0	162.7	187.9	215.4	228.3	221.5	226.1	102.5	47.5	27.4
Foreign securities	49.4	53.4	56.8	62.7	63.4	75.6	84.4	23.6	43.6	.8
U.S. claims on unaffiliated foreigners [4]	22.3	28.1	31.5	34.7	35.9	28.2	33.5	10.0	6.7	11.8
U.S. claims reported by U.S. banks [5]	92.6	130.8	157.0	203.9	293.5	404.6	430.0	116.9	20.4	208.8
Foreign assets in the U.S.	307.8	371.6	416.0	500.8	576.5	688.6	781.5	367.8	50.3	167.6
Foreign official assets in the U.S. [6]	140.8	172.9	159.7	176.1	180.5	189.0	193.9	69.3	2.6	6.7
U.S. Government securities	105.4	128.5	106.6	118.2	125.1	132.5	136.9	[7]	[7]	[7]
Other U.S. Government liabilities	10.2	12.7	12.6	13.4	13.1	13.5	13.7	2.7	.2	.6
U.S. liabilities reported by U.S. banks [5]	18.0	23.3	30.5	30.4	26.7	25.0	25.4	[7]	[7]	[7]
Other foreign assets in the U.S.	167.0	198.7	256.3	324.7	396.0	499.6	587.6	298.5	47.7	160.9
Direct investments	34.6	42.5	54.5	83.0	106.2	121.9	133.5	91.2	11.6	13.2
U.S. securities [8]	51.2	53.6	58.6	74.1	75.4	93.6	114.6	80.5	18.0	7.2
U.S. liabilities to unaffiliated foreigners [4]	13.4	16.0	18.7	30.4	30.6	27.1	25.2	9.7	2.8	3.8
U.S. liabilities reported by U.S. banks [5]	60.2	77.7	110.3	121.1	165.4	231.3	280.3	[9]	[9]	[9]
U.S. Treasury securities	7.6	[10]8.9	[10]14.2	[10]16.1	[10]18.5	[10]25.8	[10]33.9	[9]	[9]	[9]

NA Not available. Z Less than $50 million. [1] Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. [2] Includes other countries, international organizations, or unallocated, not shown separately. [3] Includes other Western Hemisphere. [4] Reported by U.S. nonbanking concerns. [5] Not included elsewhere. [6] Includes assets not shown separately. [7] Data included in "Foreign official assets in the U.S." [8] Excludes U.S. Treasury securities. [9] Data included in "Other foreign assets in the U.S." [10] Includes U.S. Treasury notes denominated in foreign currencies, sold through foreign central banks to domestic residents in country of issue; these notes are subject to restricted transferability.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* various monthly issues.

NO. 1429. U.S. RESERVE ASSETS: 1960 TO 1984

[In billions of dollars. As of **end of year,** except **1984** for **June]**

TYPE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	**19.4**	**15.5**	**14.5**	**16.2**	**18.7**	**19.3**	**18.7**	**19.0**	**26.8**	**30.1**	**34.0**	**33.7**	**34.5**
Gold stock [1]	17.8	13.8	11.1	11.6	11.6	11.7	11.7	11.2	11.2	11.2	11.1	11.1	11.1
Special drawing rights	–	–	.9	2.3	2.4	2.6	1.6	2.7	2.6	4.1	5.3	5.0	5.5
Foreign currencies	–	.8	.6	.1	.3	(Z)	4.4	3.8	10.1	9.8	10.2	6.3	6.3
Reserve position in IMF [2]	1.6	.9	1.9	2.2	4.4	4.9	1.0	1.3	2.9	5.1	7.3	11.3	11.7

– Represents zero. Z Less than $50 million. [1] Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1975, gold assets were valued at $42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973. [2] International Monetary Fund.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; and Department of the Treasury, *Treasury Bulletin,* monthly.

NO. 1430. FOREIGN DIRECT INVESTMENT IN THE U.S.—VALUE, BY AREA AND INDUSTRY: 1960 TO 1983

[In millions of dollars. Book value at year end. Prior to 1975, covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. Minus sign (−) indicates a negative position. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74]

AREA AND INDUSTRY	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
All areas [1]	**6,910**	**8,797**	**13,270**	**27,662**	**34,595**	**42,471**	**54,462**	**83,046**	**107,590**	**123,800**	**135,523**
Petroleum	1,238	1,710	2,992	6,213	6,573	7,762	9,906	12,200	15,193	17,829	18,667
Manufacturing	2,611	3,478	6,140	11,386	14,030	17,202	20,876	32,993	40,334	44,100	47,803
Finance and insurance	1,810	2,169	2,256	3,152	4,544	5,231	7,575	12,027	14,730	17,956	19,499
Trade, wholesale and retail	634	748	994	4,844	7,237	9,161	11,562	15,210	19,739	22,656	25,058
Canada	**1,934**	**2,388**	**3,117**	**5,352**	**5,650**	**6,180**	**7,154**	**12,162**	**11,870**	**11,435**	**11,115**
Petroleum	203	208	190	596	710	723	943	1,817	1,744	1,509	1,374
Manufacturing	932	1,219	1,836	3,061	3,077	3,213	3,615	5,227	3,263	3,428	3,337
Finance and insurance	246	370	324	341	367	397	505	1,612	1,704	1,611	1,413
Europe	**4,707**	**6,076**	**9,554**	**18,584**	**23,754**	**29,180**	**37,403**	**54,688**	**71,945**	**82,976**	**92,690**
Petroleum	1,028	1,478	2,777	5,478	5,523	6,569	8,010	10,137	12,854	15,271	16,774
Manufacturing	1,611	2,167	4,091	6,673	9,267	11,717	13,952	21,953	30,852	33,146	36,983
Finance and insurance	1,504	1,724	1,805	2,088	3,076	3,575	5,529	8,673	10,192	12,805	13,985
United Kingdom	2,248	2,852	4,127	6,331	6,397	7,638	9,796	14,105	18,471	28,386	32,512
Petroleum	339	511	1,220	(D)	486	492	199	−257	−124	5,429	5,922
Manufacturing	722	839	1,391	1,833	2,305	3,014	3,547	6,159	7,588	8,763	9,888
Finance and insurance	953	1,176	1,141	932	1,425	1,596	2,432	3,350	4,575	5,652	6,240
Netherlands	947	1,304	2,151	5,347	7,830	10,078	12,672	19,140	26,800	25,994	28,617
Petroleum	639	887	1,311	(D)	(D)	5,041	6,478	9,265	11,547	8,100	9,014
Manufacturing	213	328	652	1,345	2,237	3,058	3,492	4,777	9,046	9,872	10,761
Switzerland	773	940	1,545	2,138	2,651	2,879	3,449	5,070	5,458	6,391	7,132
Manufacturing	427	590	1,147	1,308	1,769	1,949	2,281	3,116	3,261	3,537	4,057
Finance and insurance	300	303	351	365	486	519	598	1,033	1,057	1,516	1,749
Germany, F.R	103	209	680	1,408	2,529	3,654	5,665	7,596	9,239	9,683	10,482
Manufacturing	(NA)	(NA)	(NA)	894	1,301	1,920	2,665	3,675	4,212	4,220	4,366
Finance and insurance	(NA)	(NA)	(NA)	(D)	207	253	796	1,248	1,437	1,556	1,839
Other Europe	636	771	1,051	3,360	4,347	4,931	5,821	8,777	11,977	12,522 [2]	13,747
Petroleum	(NA)	(NA)	(NA)	490	(D)	1,049	1,268	991	1,315	1,585	1,779
Manufacturing	(NA)	(NA)	(NA)	1,293	1,655	1,775	1,967	4,026	6,745	6,754	7,911
Finance insurance	(NA)	(NA)	(NA)	(D)	385	471	583	1,193	550	462	279
Japan	**269**	**118**	**229**	**591**	**1,755**	**2,749**	**3,493**	**4,723**	**7,688**	**9,679**	**11,145**
Other areas		**214**	**370**	**3,135**	**3,436**	**4,362**	**6,412**	**11,472**	**16,087**	**19,710**	**20,573**

D Withheld to avoid disclosure of data of individual companies. NA Not available. [1] Area totals include industries not shown separately. [2] Direct investments (in millions of dollars): Belgium and Luxembourg, 2,723; France, 6,045; Italy, 1,254; and Sweden, 2,067.

Source: U.S. Bureau of Economic Analysis, *Foreign Business Investments in the United States*, 1962; and *Survey of Current Business*, October 1984, and earlier issues.

NO. 1431. U.S. AFFILIATES OF FOREIGN COMPANIES—ASSETS, SALES, EMPLOYMENT, LAND, EXPORTS, AND IMPORTS: 1981

[A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Universe estimates based on a sample survey of nonbank affiliates with assets, sales, or net income of $5 million or more or that own at least 1,000 acres of U.S. land]

INDUSTRY	Total assets (mil. dol.)	Sales [1] (mil. dol.)	Employment [2] (1,000)	Employee compensation (mil. dol.)	GROSS BOOK VALUE: Plant and equipment [3] (mil. dol.)	GROSS BOOK VALUE: Land (mil. dol.)	Land owned (1,000 acres)	Merchandise exports [4] (mil. dol.)	Merchandise imports [4] (mil. dol.)
Total	**395,032**	**503,745**	**2,343**	**52,916**	**160,805**	**19,200**	**13,134**	**64,060**	**81,599**
Mining	11,710	4,904	40	1,326	(D)	(D)	(D)	961	74
Petroleum	54,249	68,360	126	3,757	(D)	(D)	(D)	1,895	9,985
Manufacturing	120,523	137,717	1,281	31,721	69,771	3,188	6,325	13,583	13,009
Chemicals and allied products	49,630	54,550	413	11,609	35,893	1,760	990	5,046	3,432
Wholesale trade [5]	76,099	221,387	243	5,491	9,757	593	352	46,545	57,571
Motor vehicles and auto parts and supplies	11,373	39,161	52	1,237	2,617	176	9	3,272	20,132
Farm-product raw materials	7,123	41,835	29	616	1,430	111	(D)	23,038	5,482
Retail trade	10,991	26,907	334	4,229	5,768	359	8	479	730
Finance, except banking	37,101	5,398	18	667	558	46	4	141	49
Insurance	41,163	20,029	68	1,225	1,254	201	17	–	1
Real estate	27,221	5,108	27	529	14,140	8,702	2,250	(Z)	(Z)
Other	15,974	13,935	207	3,971	6,550	1,772	2,725	456	179

– Represents zero. D Withheld to avoid disclosure of data of individual companies. Z Less than $500,000.
[1] Excludes returns, discounts, allowances, and sales and excise taxes. [2] Average number of full-time and part-time employees. [3] Includes other property, value of mineral rights owned and capitalized value of mineral rights leased. [4] F.A.S. value at port of exportation. [5] Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, November 1983, and *Foreign Direct Investment in the United States*, Annual Survey Results, Preliminary 1981 Estimates.

No. 1432. U.S. Businesses Acquired or Established by Foreign Direct Investors, by Industry of U.S. Business Enterprise: 1982 and 1983

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of existing U.S. business enterprises, including business segments or operating units of existing U.S. business enterprises and establishments of new enterprises. Investments may be made by the foreign direct investor itself, or indirectly by an existing U.S. affiliate of the foreign direct investor. Covers investments in U.S. business enterprises with assets of over $1 million, or ownership of 200 acres of U.S. land]

INDUSTRY	1982						1983, prel.					
	Investments			Investors			Investments			Investors		
	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates
NUMBER OF INVESTMENTS [1]												
Total	**1,108**	**395**	**713**	**1,218**	**720**	**498**	**629**	**242**	**387**	**682**	**365**	**317**
Agriculture and forestry	103	8	95	105	72	33	82	3	79	87	53	34
Mining	12	8	4	14	5	9	3	2	1	3	-	3
Petroleum	54	27	27	63	20	43	27	16	11	29	15	14
Manufacturing	181	155	26	199	79	120	121	104	17	128	50	78
Wholesale trade	62	39	23	65	35	30	33	24	9	34	12	22
Retail trade	29	23	6	29	13	16	19	14	5	20	8	12
Banking	35	13	22	41	35	6	18	3	15	20	19	1
Finance, except banking	41	11	30	45	31	14	21	11	10	25	15	10
Insurance	18	12	6	18	9	9	6	4	2	6	4	2
Real estate	485	42	443	540	369	171	248	26	222	275	158	117
Other	88	57	31	99	52	47	51	35	16	55	31	24
INVESTMENT OUTLAYS (mil. dol.)												
Total	**10,817**	**6,563**	**4,254**	**10,817**	**3,954**	**6,863**	**6,962**	**4,473**	**2,489**	**6,962**	**2,113**	**4,849**
Agriculture and forestry	250	71	179	250	138	112	166	(D)	(D)	166	80	87
Mining	342	(D)	(D)	342	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
Petroleum	819	554	265	819	125	694	316	225	91	316	51	265
Manufacturing	2,379	2,141	239	2,379	552	1,828	2,868	2,754	115	2,868	678	2,190
Wholesale trade	462	376	87	462	198	264	169	132	37	169	42	127
Retail trade	684	670	14	684	94	590	80	72	8	80	19	61
Banking	427	364	62	427	277	149	156	(D)	(D)	156	152	4
Financing, exc. banking	499	350	149	499	325	175	445	352	93	445	253	192
Insurance	759	(D)	(D)	759	401	358	121	(D)	(D)	121	(D)	(D)
Real estate	3,289	274	3,015	3,289	1,498	1,791	2,066	249	1,817	2,066	634	1,432
Other	907	786	121	907	(D)	(D)	(D)	480	(D)	(D)	(D)	426

- Represents zero. D Withheld to avoid disclosure of individual companies. [1] Excludes 901 investments in 1983 that do not meet asset or acreage criteria in headnote.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1984.

No. 1433. U.S. Businesses Acquired by Foreign Direct Investors—Assets, Sales, and Employment, by Industry of U.S. Business Enterprise: 1982 and 1983

[See headnote, table 1432. Minus sign (–) indicates loss]

INDUSTRY	1982					1983, prel.				
	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)
Total	**24,603**	**20,682**	**373**	**226**	**1,012**	**13,837**	**13,069**	**308**	**92**	**131**
Agriculture and forestry	234	(D)	–5	(D)	(D)	(D)	(D)	–1	(D)	(D)
Mining	(D)	1,040	58	9	(D)	(D)	(D)	1	(D)	(D)
Petroleum	1,296	4,031	65	4	(D)	569	(D)	3	1	3
Manufacturing	4,618	6,904	–32	84	(D)	3,312	4,534	128	45	52
Wholesale trade	986	1,491	(Z)	11	2	241	637	1	3	(Z)
Retail trade	1,610	2,831	32	61	1	276	899	12	11	(D)
Banking	5,822	633	17	7	(D)	(D)	(D)	(D)	(D)	(D)
Finance, except banking	(D)	847	43	(D)	(D)	4,631	(D)	70	3	(D)
Insurance	1,342	706	69	3	(D)	(D)	87	(D)	1	(D)
Real estate	635	(D)	7	1	11	546	104	3	(D)	(D)
Other	2,492	1,986	119	39	56	495	637	20	24	3

D Withheld to avoid disclosure of individual companies. Z Fewer than 500 or less than $500,000.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1984.

No. 1434. U.S. Direct Investment Position Abroad and Income, by Country, 1970 to 1983, and by Selected Industries, 1983

[**In millions of dollars.** Direct investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important role. Data for 1970 and 1975 are based on the 1966 benchmark survey; data for 1980 through 1983 are based on the 1977 benchmark survey. Because of differences in definition, data based on different benchmarks are not entirely comparable. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970,* series U 41–46]

COUNTRY	DIRECT INVESTMENT POSITION (at yearend)									INCOME [3]								
						1983, prel.									1983, prel.			
	1970	1975	1980	1981	1982	Total [1]	Manufacturing	Petroleum	Finance, insurance [2]	1970	1975	1980	1981	1982	Total [1]	Manufacturing	Petroleum	Finance, insurance [2]
All areas	**75,480**	**124,050**	**215,375**	**228,348**	**221,512**	**226,117**	**90,124**	**59,785**	**17,238**	**8,169**	**16,595**	**37,146**	**32,549**	**22,268**	**20,757**	**5,789**	**9,172**	**−408**
Developed countries	**51,819**	**90,695**	**158,214**	**167,439**	**164,157**	**169,582**	**71,744**	**38,879**	**20,585**	**4,577**	**9,509**	**24,638**	**18,944**	**13,269**	**14,844**	**5,342**	**5,484**	**1,265**
Canada	21,015	31,038	45,119	47,073	46,183	47,538	19,849	10,874	7,453	1,518	3,412	5855	4,253	2,879	5,157	2,645	1,337	580
Europe [4]	25,255	49,305	96,287	101,601	99,459	102,461	43,959	23,640	11,747	2,401	4,989	15,991	11,837	8,987	7,929	2,087	3,577	564
Euro. Economic Community (EEC) [5]	*20,104*	38,773	77,152	80,743	77,777	78,878	40,125	19,335	7,463	1,919	3,620	12,816	8,980	6,725	5,895	2,262	2,870	64
Belgium and Luxembourg	1,546	3,306	6,911	6,943	6,417	6,369	2,983	(D)	785	158	270	637	267	255	333	99	(D)	(D)
Denmark and Ireland	571	1,295	3,585	4,078	4,263	5,075	3,422	824	(D)	45	170	503	666	695	861	719	35	40
France	2,643	5,743	9,347	9,132	7,807	6,900	4,226	927	226	237	657	1,253	148	−83	−101	−70	(D)	27
Germany	4,313	8,726	15,415	15,841	15,860	15,994	9,907	3,261	988	588	956	1,864	849	1,087	689	552	75	68
Italy	1,464	2,679	5,397	5,275	4,642	4,790	3,139	820	77	85	90	1,298	385	484	305	298	(D)	(D)
Netherlands	1,550	3,097	8,039	8,813	8,566	8,649	3,310	3,366	573	180	540	1,853	1,218	1,198	1,172	269	880	−92
United Kingdom	8,016	13,927	28,460	30,316	29,914	30,851	13,061	9,279	4,367	626	936	5,408	5,411	3,061	*2,628*	*406*	*1,858*	*−36*
Other Western Europe [4]	5,151	10,532	19,135	20,858	21,682	23,584	3,833	4,305	4,284	483	1,369	3,174	2,858	2,263	2,034	−176	706	500
Switzerland	2,631	5,152	11,280	12,499	13,326	15,065	1,238	261	3,932	333	853	1,865	1,896	1,430	1,462	105	17	471
Japan	1,482	3,339	6,225	6,762	6,928	8,059	4,071	2,011	347	228	233	839	939	650	1,193	560	442	53
Australia, New Zealand, South Africa	4,067	7,013	10,583	12,003	11,588	11,524	3,865	2,354	1,039	430	875	1,953	1,914	752	565	50	128	68
Developing countries [6]	**19,192**	**26,288**	**53,206**	**56,163**	**52,441**	**50,978**	**18,380**	**16,572**	**−3,347**	**2,941**	**6,683**	**11,894**	**12,644**	**8,262**	**5,164**	**447**	**2,963**	**−1,674**
Latin American Republics [7]	11,104	*16,394*	*26,535*	*30,026*	*30,826*	30,083	14,176	4,949	3,561	1,206	2,155	3,689	3,606	1,320	823	−264	403	188
Mexico, Panama, other Central America	3,644	5,811	10,193	11,810	10,773	10,330	4,450	858	2,224	264	926	1,797	1,671	−846	482	−187	63	221
Argentina	1,022	1,154	2,540	2,757	3,002	3,054	1,651	808	39	109	103	695	104	381	314	169	53	2
Brazil	1,526	4,579	7,704	8,247	8,995	9,022	6,128	395	1,046	208	657	499	499	884	297	239	−14	−33
Chile	758	174	536	847	617	627	67	78	(D)	81	(Z)	7	161	−27	63	30	17	2
Colombia	584	648	1,012	1,170	1,638	1,871	659	802	(D)	43	53	68	59	220	130	56	85	3
Peru	744	1,221	1,665	1,926	2,266	2,316	108	(D)	4	74	−88	(D)	405	301	146	−3	(D)	(Z)
Venezuela	2,241	1,872	1,908	2,252	2,328	1,641	689	(D)	158	395	344	108	297	311	−675	−582	(D)	−8
Other Western Hemisphere	1,358	5,773	12,226	8,812	1,720	−582	573	1,890	−8,318	215	1,047	3,280	2,537	1,386	−133	49	220	−1,960
Other Africa [8]	2,427	2,414	3,778	4,206	5,072	5,188	490	3,501	152	522	534	1,406	1,056	900	813	9	707	(Z)
Middle East [9]	1,545	−4,040	2,163	2,001	2,378	2,992	220	943	163	711	1,643	−22	1,456	1,103	548	58	−36	11
Other Asia and Pacific	2,260	5,747	8,505	11,117	12,445	13,297	2,921	5,289	1,095	287	1,304	3,542	3,990	3,562	3,113	596	1,670	88
International [6]	**4,469**	**7,067**	**3,955**	**4,747**	**4,913**	**5,557**	–	**4,334**	–[Z]	**650**	**404**	**614**	**961**	**738**	**749**	–	**725**	–

– Represents zero. D Suppressed to avoid disclosure of individual companies. Z Less than $500,000. [1] Includes industries not shown separately. [2] Excludes affiliates that are banks. [3] Prior to 1982, equals sum of interest, dividends, earnings of unincorporated affiliates, and reinvested earnings of incorporated affiliates. 1982 and 1983, defined as interest plus earnings minus foreign withholding taxes on distributed earnings. [4] *Includes Mediterranean possessions and Eastern Europe.* [5] As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of the EEC. For consistency, data for all years are shown on same basis. Beginning in 1981, includes Greece which was previously reported under "Other Western Europe." [6] Shipping companies operating under flags of convenience, primarily Panama and Liberia, are included in "International." [7] Includes countries not shown below. [8] Includes Egypt and all other in Africa except South Africa. [9] Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Oman, United Arab Emirates, and Yemen.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* August 1984, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966–78.*

No. 1435. U.S. Government Foreign Grants and Credits: 1945 to 1983

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (–), see headnote, table 1436. See also text, pp. 797 and 798, and *Historical Statistics, Colonial Times to 1970,* series U 75–101]

PROGRAM	Post WW II period,[1] total	1945–1955, total	1956–1965, total	1966–1975, total	1976–1979, total	1980	1981	1982	1983, prel.
Total, net	**246,663**	**55,134**	**47,317**	**68,851**	**30,551**	**11,005**	**10,548**	**11,909**	**11,347**
Investments in financial institutions [2]	11,713	635	655	2,719	3,390	796	1,142	1,007	1,369
Under assistance programs, net	**234,950**	**54,499**	**46,662**	**66,132**	**27,161**	**10,210**	**9,407**	**10,902**	**9,978**
Net new military grants	73,648	16,445	19,159	28,720	3,993	1,652	1,150	1,444	1,285
Gross new grants	74,396	16,679	19,400	28,765	4,005	1,656	1,154	1,448	1,289
Foreign Assistance Act [3]	72,743	15,062	19,364	28,765	4,005	1,656	1,154	1,448	1,289
Military supplies and services	42,755	13,917	18,256	8,287	1,143	275	257	421	199
Military assistance, service funded [4]	18,169	–	8	18,161	–	–	–	–	–
Financing of military purchases [5]	6,719	–	–	1,584	2,379	750	317	755	934
Relocation of facilities in Israel	800	–	–	–	125	351	325	–	–
Other special programs	4,300	1,145	1,100	734	357	280	256	272	156
Other	1,653	1,617	36	–	–	–	–	–	–
Less: Reverse grants and returns	*548*	*234*	*241*	*45*	*12*	*4*	*4*	*4*	*4*
Net new economic and technical aid grants [6]	96,488	28,871	17,675	21,748	10,285	3,981	4,134	4,668	5,126
Developed countries [7]	21,105	20,294	780	–182	33	8	24	84	63
Developing countries [7]	75,383	8,578	16,896	21,929	10,252	3,972	4,110	4,584	5,063
Gross new grants	98,421	30,225	17,993	22,003	10,291	3,981	4,134	4,668	5,126
Foreign Assistance Act [3]	62,050	17,711	12,189	12,191	7,039	2,585	2,814	3,504	4,018
Farm products disposals:									
Foreign currencies, P.L. 83–480 [8]	6,453	–	2,048	4,234	91	16	29	10	25
Famine and other urgent relief	9,296	530	2,704	2,862	1,422	501	488	395	394
Payment of transportation	2,769	–	494	946	495	214	246	198	175
Food for development loan forgiveness	237	–	–	–	31	79	27	47	53
Supplies to military or trusteeship administration areas	7,495	5,872	132	536	400	107	132	186	130
Peace Corps	1,893	–	232	912	332	98	102	102	116
Other	8,228	6,113	194	321	481	381	295	227	217
Less: Reverse grants and returns	*1,932*	*1,353*	*318*	*255*	*6*	–	–	–	–
Net new credits [9]	62,861	8,642	7,025	16,954	13,097	4,648	4,136	4,788	3,570
Developed countries [7]	3,532	6,646	–3,207	310	–106	77	270	–399	–60
Developing countries [7]	59,329	1,996	10,232	16,644	13,203	4,571	3,866	5,187	3,630
New credits	123,458	12,039	15,429	37,422	25,032	8,697	8,102	8,594	8,141
Export-Import Bank Act	42,911	4,271	5,257	15,505	6,598	3,378	3,058	2,276	2,567
Foreign Assistance Act [3]	48,789	1,919	6,196	12,053	11,563	4,183	3,860	4,501	4,514
Country program loans	25,165	1,765	5,722	8,362	4,785	1,295	1,143	1,125	969
Financing of military purchases	22,357	9	247	3,089	6,532	2,869	2,709	3,366	3,536
Social Progress Trust Fund	874	–	226	487	144	12	1	–1	5
Other	393	145	2	116	102	7	7	11	4
P.L. 83–480 [8]	17,227	48	3,839	7,161	2,997	809	808	768	797
Loans of foreign currency:									
To foreign governments	5,185	48	3,285	1,843	8	1	(z)	1	(z)
To private enterprises	433	–	202	217	7	–	1	4	3
Long-term credit sales	11,608	–	352	5,101	2,982	808	807	763	794
P.L. 80–806 [10]	7,260	–	–	2,433	3,857	309	366	39	257
Other	7,272	5,801	137	271	17	19	9	1,010	7
Less: Principal collections	*60,597*	*3,397*	*8,404*	*20,469*	*11,935*	*4,049*	*3,966*	*3,806*	*4,571*
Export-Import Bank Act	26,453	1,803	4,458	9,282	4,541	1,368	1,463	1,613	1,926
Foreign Assistance Act [3]	13,517	38	1,263	3,557	3,579	1,166	1,297	1,335	1,283
Country program loans	6,744	1	944	2,481	1,633	362	447	451	425
Financing of military purchases	5,977	2	222	852	1,701	740	804	839	817
Social Progress Trust Fund	505	–	9	198	167	48	31	28	24
Other	291	35	88	25	78	15	15	17	18
P.L. 83–480 [8]	6,172	–	180	3,753	988	316	287	321	328
Loans of foreign currency:									
To foreign governments	2,934	–	111	2,354	270	48	52	54	44
To private enterprises	309	–	43	175	65	9	7	5	5
Long-term credit sales	2,929	–	27	1,223	653	258	228	261	279
Lend-lease, surplus property, and grant settlements	4,463	677	2,001	1,438	243	47	17	20	20
P.L. 80–806 [10]	6,245	–	–	1,763	2,299	1,051	799	268	64
Other	3,747	880	501	677	285	102	103	250	950

See footnotes at end of table.

No. 1435. U.S. Government Foreign Grants and Credits: 1945 to 1983—Con.

[In millions of dollars. See headnote, p. 807]

PROGRAM	Post WW II period,[1] total	1945–1955, total	1956–1965, total	1966–1975, total	1976–1979, total	1980	1981	1982	1983, prel.
Other assistance (net accumulation of foreign currency claims) [11]	1,752	541	2,802	−1,290	−214	−71	−15	1	−3
Developed countries [7]	268	190	330	−203	−103	−18	46	26	(Z)
Developing countries [7]	1,484	351	2,472	−1,086	−111	−53	−60	−25	−3
Currency claims acquired	20,250	813	11,498	6,888	556	101	176	124	94
Sales of farm products	15,101	813	11,170	3,013	1	(Z)	69	30	6
Second-stage operations [12]	5,149	–	329	3,875	554	101	108	94	89
Less: Currencies disbursed	18,498	272	8,696	8,178	770	172	191	123	97
Economic grants and credits to purchasing country	13,454	182	6,863	6,238	98	15	25	11	25
Other uses	5,044	90	1,833	1,940	673	157	166	111	73

– Represents zero. Z Less than $500,000. [1] July 1, 1945, through Dec. 31, 1983. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). [2] For details, see table 1436. [3] Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs. [4] Includes military assistance under Dept. of Defense Appropriation Act, 1966 (P.L. 89-394) and later acts. [5] Includes funds made available under Public Law 93-199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. [6] Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: July 1945–December 1955, $2,196 million; 1956–65, $491 million; 1972, $994 million. Repayments on these settlements are included in net new credits. [7] Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1436, except Portugal, Spain (through 1981), Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1436. Developing countries include all other countries listed in table 1436 (including Spain through 1981). [8] Agricultural Trade Development and Assistance Act. [9] Outstanding credits on Dec. 31, 1983, totaled $65,358 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates ($1,898 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was $63,473 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. [10] Commodity Credit Corporation Charter Act. [11] Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations ($1,504 million), was $248 million on Dec. 31, 1983. [12] Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 83-480, which—since enactment of P.L. 87-128—are available for the same purposes as P.L. 83-480 currencies.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1436. U.S. Government Foreign Grants and Credits, by Type and Country: 1945 to 1983

[In millions of dollars. See text, pp. 797 and 798. Negative figures (−) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the U.S. Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II period,[1] total	1945–1955, total	1956–1965, total	1966–1975, total	1976–1979, total	1980	1981	1982	1983, prel.
Total, net	**246,663**	**55,134**	**47,317**	**68,851**	**30,551**	**11,005**	**10,548**	**11,909**	**11,347**
Investment in financial institutions	11,713	635	655	2,719	3,390	796	1,142	1,007	1,369
African Development Bank	18	–	–	–	–	–	–	–	18
African Development Fund	48	–	–	–	25	–	–	–	23
Asian Development Bank	497	–	–	110	170	53	49	59	56
Inter-American Development Bank	3,717	–	300	1,321	1,145	233	294	189	235
Int'l. Bank for Reconst. and Development	933	635	–	13	54	16	132	48	34
International Development Association	6,353	–	320	1,275	1,932	471	655	697	1,002
International Finance Corporation	147	–	35	–	64	22	11	14	–
Under assistance programs	**234,950**	**54,499**	**46,662**	**66,132**	**27,161**	**10,210**	**9,407**	**10,902**	**9,978**
Military grants [2]	73,848	16,445	19,159	28,720	3,993	1,652	1,150	1,444	1,285
Western Europe (excl. Greece and Turkey)	18,373	9,580	6,554	892	422	179	228	306	212
Near East [2] (incl. Greece, Turkey, Egypt) and South Asia	16,299	2,061	3,873	4,007	2,840	1,241	725	791	760
Africa (excl. Egypt)	654	7	166	225	39	3	7	78	130
Far East and Pacific	36,436	4,403	7,618	23,165	620	225	159	191	54
Western Hemisphere	1,615	296	712	384	53	3	23	73	130
Unspecified areas	472	159	237	47	18	(Z)	7	4	(Z)
Other grants, credits, and other assistance [4] (through net accumulation of foreign currency claims)	**161,101**	**38,054**	**27,503**	**37,412**	**23,168**	**8,557**	**8,256**	**9,458**	**8,693**
Developed countries [3]	24,905	27,129	−2,097	−175	−175	68	340	−288	3
Developing countries [3]	136,196	10,925	29,600	37,487	23,343	8,490	7,916	9,746	8,690

See footnotes at end of table.

No. 1436. U.S. Government Foreign Grants and Credits, by Type and Country: 1945 to 1983—Continued

[In millions of dollars. See headnote, p. 808. See also *Historical Statistics, Colonial Times to 1970,* series U 75-186]

COUNTRY	Post WW II period,[1] total	1945-1955, total	1956-1965, total	1966-1975, total	1976-1979, total	1980	1981	1982	1983, prel.
Western Europe	**24,053**	**24,770**	**−951**	**140**	**348**	**395**	**−69**	**−468**	**−111**
Austria	1,108	1,019	87	−19	−12	14	12	8	(z)
Belgium and Luxembourg	658	726	−70	16	−24	52	−11	−15	−17
Denmark	286	284	−19	38	−16	15	3	−4	−13
France	3,992	5,477	−1,238	−92	−162	−31	35	−4	6
Germany, Federal Republic of	2,838	3,907	−852	−111	−65	−14	−12	−8	−6
Ireland	89	146	−16	−51	−34	(z)	44	8	−7
Italy	3,212	2,795	120	80	−37	184	123	−28	−25
Malta	84	1	3	47	34	–	–	–	–
Netherlands	785	1,051	−224	115	−50	−27	−33	−26	−20
Norway	282	309	−71	265	−96	−52	−36	−26	−12
Portugal	749	67	93	14	849	−99	−117	−80	23
Spain	1,916	195	685	417	341	159	48	−10	81
Sweden	111	108	−20	17	13	5	−1	−4	−5
United Kingdom	5,135	6,923	−532	−546	−438	178	−125	−208	−119
Yugoslavia	2,125	860	1,042	84	116	22	12	−31	19
Other [4] and unspecified	680	901	61	−133	−74	−10	−10	−39	−16
Eastern Europe	**2,781**	**1,097**	**501**	**226**	**1,011**	**−285**	**174**	**44**	**13**
Czechoslovakia	189	191	–	–	–	–	–	(z)	−2
Poland	1,757	425	555	−75	750	−243	236	76	33
Romania	130	–	–	92	122	−23	−49	−16	5
Soviet Union	644	425	−59	214	126	−14	−17	−11	−21
Other	61	56	5	−5	13	−4	3	−4	−2
Near East and South Asia	**58,513**	**3,163**	**12,338**	**12,530**	**11,006**	**4,623**	**4,443**	**5,256**	**5,153**
Afghanistan	517	31	224	183	84	4	−5	−1	−2
Bangladesh	1,929	–	–	701	504	175	129	202	218
Cyprus	159	–	19	20	106	17	−1	−2	(z)
Egypt	10,259	41	1,009	271	2,158	1,470	1,397	2,133	1,780
Greece	2,168	1,324	330	221	480	−52	−66	−75	8
India	9,847	399	4,796	3,791	342	168	215	89	47
Iran	547	211	477	706	−541	(z)	(z)	–	−306
Israel	16,542	390	483	2,176	5,783	1,861	1,797	1,730	2,322
Jordan	1,950	26	455	455	394	160	248	151	61
Lebanon	332	15	70	83	61	20	30	−3	56
Nepal	317	3	86	103	42	17	19	21	25
Pakistan	5,696	178	2,416	2,044	399	66	94	157	342
Sri Lanka (Ceylon)	573	(z)	89	149	139	55	32	49	59
Syria	334	1	57	15	170	23	17	27	25
Turkey	5,408	385	1,418	1,026	650	541	376	645	368
Yemen Arab Republic	199	–	40	24	31	16	25	29	35
UNRWA [5]	1,155	131	274	296	194	54	65	69	71
Other and unspecified	581	28	97	264	12	29	73	34	45
Africa	**12,539**	**143**	**2,096**	**3,358**	**2,449**	**1,108**	**1,232**	**1,100**	**1,053**
Algeria	982	1	135	263	370	125	172	(z)	−83
Angola	85	–	–	6	(z)	8	45	35	−9
Benin	54	–	7	12	24	2	4	4	2
Botswana	144	–	(z)	35	37	16	20	19	16
Burkina Faso	236	–	5	40	68	31	40	27	25
Burundi	47	–	4	5	10	5	9	8	6
Cameroon	190	–	16	50	31	25	52	14	3
Cape Verde	56	–	–	1	18	6	8	12	10
Chad	90	(z)	5	20	42	6	2	6	9
Ethiopia	391	9	109	176	72	20	3	(z)	2
Ghana	376	(z)	64	203	64	16	18	6	6
Guinea	184	–	58	67	31	7	17	1	2
Ivory Coast	114	–	14	57	14	27	9	−5	−3
Kenya	487	(z)	34	76	124	50	87	43	73
Lesotho	159	–	(z)	27	30	20	32	26	25
Liberia	506	25	135	80	33	30	75	66	62
Libya	206	25	183	−2	–	–	–	–	–
Madagascar	61	(z)	7	13	6	(z)	10	14	10
Malawi	73	–	5	30	19	4	5	3	6
Mali	182	–	10	57	43	25	18	15	16
Mauritania	117	–	1	20	24	17	21	13	20
Morocco	1,290	7	443	382	228	39	51	54	85
Mozambique	103	–	–	1	53	17	17	5	11
Niger	172	–	5	64	43	10	12	22	16
Nigeria	436	(z)	87	283	−13	−3	7	−5	60
Rwanda	68	–	2	13	15	7	11	11	9
Senegal	295	–	15	48	77	38	36	33	48
Sierra Leone	122	(z)	22	36	31	9	6	7	10

See footnotes at end of table.

No. 1436. U.S. Government Foreign Grants and Credits, by Type and Country: 1945 to 1983—Continued

[In millions of dollars. See headnote, p. 808. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

COUNTRY	Post WW II period,[1] total	1945-1955, total	1956-1965, total	1966-1975, total	1976-1979, total	1980	1981	1982	1983, prel.
Africa—Continued									
Somalia	407	(Z)	42	47	42	70	69	53	83
Sudan	753	-	86	52	40	73	103	238	161
Swaziland	50	-	(Z)	8	7	11	7	7	11
Tanzania	374	2	34	123	107	30	31	27	19
Togo	68	-	9	18	16	6	5	7	7
Tunisia	1,132	2	392	344	87	50	24	116	118
Uganda	77	-	12	33	(Z)	15	10	2	4
Zaire	1,219	(Z)	248	321	314	148	65	85	39
Zambia	262	-	1	35	114	42	29	15	25
Zimbabwe	143	-	(Z)	(Z)	-	26	28	27	62
Other and unspecified	825	71	−95	315	229	77	73	89	66
Far East and Pacific	32,747	6,754	7,785	10,819	4,009	838	788	615	1,139
Australia	309	1	(Z)	276	−161	(Z)	81	37	75
Burma	130	22	76	16	8	(Z)	(Z)	5	3
China: Mainland	23	-	-	-	-	1	1	12	9
Taiwan	2,833	450	862	514	434	392	191	34	−43
Hong Kong	118	3	35	41	−5	10	32	11	−9
Indonesia	3,274	246	437	1,289	889	137	10	14	251
Japan and Ryukyu Islands	2,377	2,523	328	−382	−12	−49	68	−83	−15
Kampuchea	932	28	228	593	6	44	23	7	2
Korea, Republic of	8,490	1,358	2,517	2,017	1,520	101	193	337	448
Laos	908	37	398	472	-	-	-	-	-
Malaysia	168	1	30	84	25	−10	−17	−6	60
New Zealand	55	5	−2	95	12	−4	−18	−19	−15
Philippines	2,468	833	297	497	521	33	42	29	215
Singapore	185	-	(Z)	76	145	25	−14	−15	−34
Thailand	1,004	39	324	281	210	31	31	44	45
Trust Territory of the Pacific Islands	1,573	30	89	488	406	108	133	188	130
Vietnam	6,691	245	2,088	4,359	-	-	-	-	-
Other and unspecified	1,206	933	78	101	9	21	30	19	17
Western Hemisphere	17,213	1,151	4,469	6,367	1,597	689	571	1,781	588
Argentina	366	86	294	−5	−12	−30	−25	31	26
Bahamas	2	(Z)	(Z)	29	−27	−2	2	−1	(Z)
Bermuda	(Z)	-	-	18	−17	−1	-	-	-
Bolivia	875	77	275	239	159	30	19	31	44
Brazil	3,044	470	1,200	1,456	133	−29	−83	−138	35
Canada	572	−1	−5	272	−24	95	47	91	97
Chile	889	85	651	691	−277	−68	−86	−52	−55
Colombia	1,310	31	386	796	22	6	−5	−8	82
Costa Rica	487	16	81	102	28	3	11	46	199
Dominican Republic	760	−1	173	341	87	30	23	73	36
Ecuador	301	27	96	125	44	6	−1	−4	10
El Salvador	804	4	52	87	44	49	110	194	264
Guatemala	483	23	136	141	101	15	18	21	27
Guyana	115	(Z)	7	71	20	3	7	5	2
Haiti	402	27	70	42	105	37	40	44	38
Honduras	465	6	50	104	81	20	45	83	75
Jamaica	475	16	2	119	52	12	58	106	110
Mexico	1,750	226	177	304	229	180	169	1,084	−610
Nicaragua	400	8	60	137	93	78	15	6	3
Panama	413	10	102	203	57	13	4	12	12
Paraguay	150	4	63	68	11	−1	(Z)	2	3
Peru	893	42	212	239	303	−2	−11	−2	50
Trinidad and Tobago	209	-	35	21	21	89	51	11	−19
Uruguay	144	6	54	88	−3	−2	−4	10	−5
Venezuela	291	6	146	107	−32	18	40	−1	6
Other [6] and unspecified	1,674	−20	152	571	401	138	136	137	158
Other international organizations and unspecified areas	13,257	976	1,265	3,971	2,749	1,190	1,118	1,130	868

- Represents zero. Z Less than $500,000. [1] July 1, 1945, through Dec. 31, 1983; see footnote 1, table 1435. [2] See table 1435, footnote 5. [3] See table 1435, footnote 7. [4] Includes European Atomic Energy Community, European Coal and Steel Community, European Payments Union, European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation. [5] United Nations Relief and Works Agency for Palestine refugees. [6] Includes Caribbean Development Bank, Central American Bank for Economic Integration, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1437. U.S. Foreign Economic and Military Aid Programs: 1946 to 1983

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946–1983 are true totals net of deobligation; annual figures however, are gross unadjusted program figures. Military aid includes Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles]

PERIOD OR YEAR AND REGION	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946–1983, total	**265,832**	**165,323**	**51,569**	**113,754**	**100,509**	**26,916**	**73,593**
1946–1952	41,661	31,116	8,518	22,598	10,545	–	10,545
1953–1961	43,358	24,053	5,850	18,203	19,305	161	19,144
1962–1969	50,254	33,392	15,421	17,972	16,862	1,620	15,242
1970–1979	65,714	26,902	9,995	16,907	38,812	14,179	24,633
1980–1983	33,666	18,505	3,445	15,060	15,161	11,011	4,150
1970	6,568	3,676	1,389	2,288	2,892	70	2,822
1971	7,838	3,442	1,299	2,143	4,396	743	3,653
1972	9,021	3,940	1,639	2,301	5,080	550	4,530
1973	9,472	4,117	1,391	2,726	5,356	550	4,805
1974	8,510	3,906	1,150	2,756	4,604	1,396	3,208
1975	6,916	4,908	1,679	3,229	2,009	750	1,259
1976	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ [1]	2,603	1,931	840	1,091	672	494	178
1977	7,784	5,594	2,083	3,511	2,190	1,411	779
1978	9,014	6,661	2,530	4,131	2,353	1,601	752
1979	13,845	7,120	1,900	5,220	6,725	5,173	1,552
1980	9,695	7,573	1,993	5,580	2,122	1,450	672
1981	10,550	7,305	1,460	5,845	3,245	2,546	699
1982	12,324	8,129	1,454	6,675	4,195	3,084	1,111
1983	14,202	8,603	1,619	6,984	5,599	3,932	1,667
Near East and South Asia	7,151	2,987	652	2,335	4,164	2,866	1,298
East Asia	654	287	117	170	367	340	27
Europe	584	70	–	70	514	453	61
Latin America	1,325	1,161	613	548	164	74	90
Africa	1,309	971	223	748	338	200	138
Oceania and other	7	7	–	7	(Z)	–	(Z)
Non-regional	3,174	3,120	15	3,105	53	–	53

– Represents zero. Z Less than $500,000. [1] Transition quarter, July–Sept.

No. 1438. U.S. Foreign Military Aid, by Regions and Selected Countries: 1962 to 1983

[**In millions of dollars, except percent.** For years ending **Sept. 30**, except as indicated. Military aid data include Military Assistance Program (MAP) grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1962–1983 [1]		1981, total	1982, total	1983, total	REGION AND COUNTRY	1962–1983 [1]		1981, total	1982, total	1983, total
	Total	Percent grants					Total	Percent grants			
Total	**70,834**	**62**	**3,244**	**4,195**	**5,599**	**East Asia [2]**	**29,976**	**89**	**335**	**352**	**367**
Near East and South Asia [2]	**32,130**	**39**	**2,473**	**3,099**	**4,164**	Indonesia	499	50	32	42	27
Egypt	4,262	15	551	902	1,327	Japan	241	85	–	–	–
Greece	2,864	39	178	281	281	Kampuchea	1,197	100	–	–	–
India	147	81	(Z)	(Z)	(Z)	Korea	6,369	73	163	167	187
Iran	845	40	–	–	(Z)	Laos	1,482	100	–	–	–
Israel	17,412	40	1,400	1,400	1,700	Malaysia	175	4	10	11	5
Jordon	1,133	48	44	57	53	Philippines	777	62	76	51	51
Lebanon	250	4	20	11	102	Thailand	1,478	75	55	81	96
Oman	110	–	25	30	30	Vietnam	15,798	100	–	–	–
Pakistan	469	42	–	1	261	Taiwan	1,894	71	(Z)	–	–
Saudi Arabia	224	4	–	–	–	**Africa [2]**	**1,875**	**32**	**135**	**319**	**338**
Turkey	4,358	57	253	403	403	Ethiopia	224	84	–	–	–
Latin America [2]	**2,116**	**48**	**60**	**151**	**164**	Kenya	171	15	7	33	22
Argentina	262	33	–	–	–	Morocco	475	16	34	31	101
Brazil	414	34	–	–	–	Somalia	96	38	20	25	31
Chile	146	58	–	–	–	Sudan	211	47	32	101	44
Colombia	200	42	(Z)	11	1	Tunisia	381	17	16	96	102
Ecuador	92	43	4	5	5	Zaire	185	28	7	11	10
El Salvador	221	63	36	82	81	**Europe [2]**	**2,744**	**52**	**179**	**195**	**514**
Honduras	120	56	9	31	48	Italy	269	100	–	–	–
Peru	180	46	4	5	5	Norway	199	100	–	–	–
Venezuela	122	23	(Z)	(Z)	(Z)	Portugal	394	75	53	67	111
						Spain	1,641	31	126	127	403
						Oceania and other	**95**	**3**	**(Z)**	**(Z)**	**(Z)**
						Non-regional	**1,898**	**99**	**64**	**79**	**53**

– Represents zero. Z Less than $500,000. [1] From 1962 to 1976, years ended June 30. Includes transition quarter, July 1, 1976 to Sept. 30, 1976. [2] Totals include amounts not shown separately. Regional totals include aid to entire regions or sub-regions.

Source of tables 1437 and 1438: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

No. 1439. U.S. Foreign Aid—Commitments for Economic Assistance, by Regions and Selected Countries: 1962 to 1983

[In millions of dollars, except percent. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID and predecessor agencies. For years ending **Sept. 30,** except as indicated. See text, pp. 797 and 798]

Region and country	Gross cumulative total, 1962–1983 [1]		1981, total	1982, total	1983, total
	Total	Percent grants			
Economic assistance	**63,883**	**64**	**4,209**	**4,990**	**5,244**
Near East and South Asia [2]	**25,634**	**53**	**2,096**	**2,307**	**2,400**
Bangladesh	989	78	80	74	79
Cyprus	166	99	14	15	15
Egypt	6,655	99	829	771	750
Greece	135	63	–	–	–
India	3,537	6	105	99	89
Iran	104	48	–	–	–
Israel	6,860	79	764	806	785
Jordan	1,030	76	10	15	10
Lebanon	107	100	1	4	9
Nepal	142	100	14	16	14
Pakistan	2,341	16	–	100	200
Sri Lanka	290	11	46	49	51
Syria	464	8	–	–	–
Turkey	2,144	38	200	300	285
Yemen Arab Rep	162	96	19	23	28
Regional	196	100	11	16	17
East Asia [2]	**9,659**	**78**	**180**	**219**	**216**
Indonesia	1,258	23	69	68	72
Kampuchea	379	100	–	–	–
Korea	1,080	54	–	–	–
Laos	648	99	–	–	–
Philippines	779	50	69	89	87
Thailand	546	79	26	31	23
Vietnam	4,490	99	–	–	–
East Asia Regional	359	100	14	23	21
Europe [2]	**870**	**54**	**37**	**99**	**45**
Italy	123	100	5	52	13
Malta	76	93	–	76	–
Portugal	540	27	25	20	20
Spain	100	100	7	22	12
Latin America [2]	**9,357**	**29**	**377**	**614**	**842**
Argentina	143	12	–	–	–
Bolivia	483	30	2	2	11
Brazil	1,480	11	–	–	–
Chile	645	6	–	–	–
Colombia	991	7	–	–	–
Costa Rica	376	23	12	32	184
Latin America [2]—Con.					
Dominican Rep	549	33	17	60	35
Ecuador	214	41	13	17	22
El Salvador	597	57	78	155	199
Guatemala	247	35	9	8	22
Guyana	120	25	1	2	(Z)
Haiti	169	85	9	12	27
Honduras	414	32	26	68	87
Jamaica	351	13	54	119	82
Mexico	70	6	–	–	–
Nicaragua	300	22	58	6	–
Panama	307	77	9	12	6
Paraguay	94	48	2	–	–
Peru	410	29	35	36	36
Uruguay	82	23	–	–	–
Venezuela	57	30	–	–	–
ROCAP [3]	326	25	11	13	19
Regional	582	92	15	22	37
Africa [2]	**5,967**	**71**	**505**	**643**	**636**
Botswana	92	83	11	11	10
Burkina Faso	77	100	14	11	(Z)
Cameroon	97	56	8	15	19
Ethiopia	233	41	–	–	–
Ghana	236	27	5	1	–
Guinea	67	85	3	1	2
Kenya	311	64	20	39	61
Liberia	353	71	37	47	45
Malawi	72	56	6	8	7
Mali	126	90	15	10	10
Morocco	237	35	12	12	11
Niger	105	94	14	13	21
Nigeria	349	66	–	–	–
Senegal	110	99	15	16	19
Somalia	183	91	12	34	48
Sudan	471	93	75	125	115
Tanzania	169	75	22	11	–
Tunisia	316	36	25	5	5
Zaire	338	59	11	10	15
Zambia	161	13	21	20	16
Zimbabwe	185	100	25	75	60
Regional	629	87	47	57	59
Oceania and other	**11**	**100**	**4**	**(Z)**	**–**
Non-regional	**12,385**	**99**	**1,009**	**1,108**	**1,106**

– Represents zero. Z Less than $500,000. [1] From 1962 to 1976, years ended June 30. Includes transition quarter, July 1 to Sept. 30, 1976. [2] Includes countries not shown separately. [3] Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

No. 1440. U.S. Exports Financed by Foreign and Agricultural Aid: 1960 to 1982

[In millions of dollars, except percent. See headnote, table 1437]

Item	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports financed by aid [1]	2,685	3,242	2,543	1,991	2,351	1,939	1,938	2,217	2,114	1,923	1,926	1,604
Percent of total exports [2]	13.0	11.8	5.9	2.0	2.2	1.7	1.6	1.5	1.2	.9	.8	.8
Loans and grants (AID)	432	1,140	957	570	665	671	802	988	710	673	588	567
Military grant-aid	949	779	565	599	461	190	62	85	165	156	62	81
Agricultural aid (P.L. 480)	[3] 1,304	[3] 1,323	1,021	822	1,226	1,078	1,074	1,144	1,239	1,094	1,276	956
Sales for foreign currencies	1,014	899	276	–	–	–	–	–	–	–	–	–
Donations	173	253	255	315	302	307	368	350	418	329	504	228
Long-term dollar and convertible foreign currency credit sales	–	152	490	507	924	771	706	794	821	765	772	727

– *Represents zero.* [1] Foreign Assistance Act and Public Law 480; see table 1161. [2] For total exports, see table 1441. [3] Includes barter for strategic materials.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1441. U.S. Exports and Imports of Merchandise: 1960 to 1983

[In **billions of dollars, except percent.** Includes silver ore and bullion; beginning 1974, includes shipments of nonmonetary gold. Data may differ from those shown in tables 1448 and 1449, due to revisions and inclusion of the Virgin Islands since 1974. For basis of dollar values, see text, pp. 798 and 799. See also *Historical Statistics, Colonial Times to 1970,* series U190–195 and U207–212]

Year	Merchandise trade balance	Exports [1]				General imports [4]				Average annual [5] percent change	
			Domestic								
		Total [2]	Total [3]	Agricultural	Machinery	Transport equipment	Total [2]	Petroleum	Machinery	Transport equipment	Domestic exports	General imports
1960	4.6	19.6	19.4	(NA)	(NA)	(NA)	15.0	(NA)	(NA)	(NA)	19.8	.1
1965	5.3	26.7	26.3	(NA)	(NA)	(NA)	21.4	(NA)	(NA)	(NA)	4.0	4.3
1966	3.8	29.4	28.9	6.9	7.4	3.8	25.5	2.1	2.6	2.2	9.9	19.2
1967	4.1	30.9	30.6	6.4	8.0	4.5	26.8	2.1	3.0	2.8	5.9	5.1
1968	.8	34.1	33.6	6.2	8.6	5.9	33.2	2.3	3.7	4.3	9.8	8.4
1969	1.3	37.3	36.8	5.9	9.9	6.5	36.0	2.6	4.5	5.3	9.5	11.1
1970	2.7	42.7	42.0	7.2	11.4	6.5	40.0	2.8	5.3	5.9	14.1	10.8
1971	−2.0	43.5	42.9	7.7	11.6	7.9	45.6	3.3	6.0	7.9	2.1	14.0
1972	−6.4	49.2	48.4	9.4	13.2	8.3	55.6	4.3	7.8	9.6	12.8	21.9
1973	1.3	70.8	69.7	17.7	17.1	10.7	69.5	7.6	10.0	11.1	44.0	25.0
1974	−4.5	98.1	96.5	22.0	23.7	14.5	102.6	24.3	11.6	12.5	38.5	47.6
1975	9.1	107.7	106.1	21.9	28.5	17.2	98.5	24.8	12.0	12.2	9.9	−4.0
1976	−8.3	115.2	113.5	23.0	31.3	18.2	123.5	31.8	15.2	14.6	7.0	25.4
1977	−29.2	121.2	118.9	23.7	32.5	18.5	150.4	41.5	17.7	17.8	4.8	21.8
1978	−31.1	143.7	141.0	29.4	37.0	22.3	174.8	39.1	24.4	23.2	18.6	16.2
1979	−27.6	181.9	178.6	34.8	44.7	25.8	209.5	56.0	28.0	25.6	26.7	19.9
1980	−24.2	220.6	216.5	41.3	55.8	28.8	244.9	77.6	31.9	28.6	21.2	16.9
1981	−27.3	233.7	228.9	43.3	62.9	32.8	261.0	75.6	36.2	31.4	5.7	6.6
1982	−31.8	212.3	207.1	36.6	60.3	23.6	244.0	59.4	39.7	33.6	−9.5	−6.5
1983	−57.5	200.5	196.0	36.1	54.3	26.3	258.0	52.3	47.0	39.2	−5.4	5.7

NA Not available. [1] Includes "Special Category" items and beginning 1974, includes trade of Virgin Islands with foreign countries. F.a.s. value basis. [2] Domestic and foreign exports excluding M.A.P. Grant-Aid shipments, including re-exports. [3] Includes commodity groups not shown separately. [4] 1960–1973, 1982, and 1983 customs value basis; 1974–1981, f.a.s. value basis. Beginning 1974, includes trade of Virgin Islands with foreign countries. [5] From previous year.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade,* FT 990, monthly.

No. 1442. U.S. Exports and Imports—Indexes of Total Value, Unit Value (Average Price), and Quantity: 1970 to 1983

[**1977 average=100.** See headnote, table 1444. See also *Historical Statistics, Colonial Times to 1970,* series U 225–248]

Economic class	Index of exports of U.S. merchandise							Index of general imports						
	1970–1975, avg.	1975	1979	1980	1981	1982	1983	1970–1975, avg.	1975	1979	1980	1981	1982	1983
Total value	**57.3**	**89.7**	**151.3**	**183.6**	**194.1**	**175.6**	**166.2**	**46.6**	**66.5**	**142.1**	**165.5**	**179.1**	**167.4**	**177.1**
Foods:														
Crude	70.8	125.0	167.2	205.2	223.3	174.7	175.0	44.7	51.5	108.8	108.5	102.0	102.4	107.2
Manufactured	56.7	78.8	141.5	177.7	191.3	159.5	159.7	73.6	88.4	142.5	153.9	160.7	145.9	156.6
Materials, crude	78.8	116.5	143.7	170.0	166.2	160.7	139.4	25.0	57.8	137.5	180.5	179.7	136.8	114.3
Manufactures:														
Semi	64.9	90.8	219.4	266.5	245.0	218.2	208.7	52.5	69.1	136.9	150.8	161.2	144.0	165.9
Finished	55.1	87.9	138.6	168.2	186.3	171.6	162.5	54.4	70.2	150.5	169.1	195.6	204.2	229.6
Unit value	**67.4**	**92.8**	**121.6**	**138.1**	**150.8**	**152.5**	**154.1**	**59.8**	**89.4**	**128.7**	**161.4**	**170.3**	**167.5**	**160.6**
Foods:														
Crude	84.1	128.2	125.6	140.0	146.6	127.9	134.9	39.2	46.1	96.6	103.8	97.1	92.2	88.9
Manufactured	76.7	99.8	118.8	121.4	127.3	118.0	117.7	87.5	122.1	133.8	169.5	164.5	149.6	151.8
Materials, crude	58.3	88.4	115.5	122.1	125.0	116.7	117.0	46.1	86.0	137.7	224.2	249.0	232.4	210.4
Manufactures:														
Semi	69.7	100.9	133.6	167.6	166.2	154.7	150.5	57.4	91.9	142.0	171.3	172.6	157.9	152.8
Finished	67.0	87.4	119.4	134.8	154.2	165.7	168.4	66.6	92.8	123.1	134.9	142.2	147.6	143.5
Quantity	**82.3**	**96.6**	**124.5**	**132.9**	**128.8**	**115.1**	**107.8**	**77.4**	**74.4**	**110.4**	**102.5**	**105.2**	**99.9**	**110.3**
Foods:														
Crude	78.4	97.5	133.1	146.6	152.3	136.6	129.7	114.5	112.0	112.7	104.5	105.0	111.1	120.6
Manufactured	73.1	79.0	119.2	146.3	150.3	135.2	135.8	84.7	72.4	106.5	90.8	97.7	97.5	103.1
Materials, crude	86.8	88.1	124.5	139.3	132.9	137.7	119.1	53.3	67.3	99.8	80.5	72.2	58.9	54.3
Manufactures:														
Semi	92.0	90.0	164.3	159.1	147.4	141.0	138.6	92.4	75.2	96.5	88.1	93.4	91.2	108.6
Finished	79.9	100.6	116.1	124.7	120.8	103.6	96.5	81.0	75.7	122.2	125.4	137.6	138.3	160.0

Source: U.S. Bureau of the Census, *Indexes of U.S. Exports and Imports by Economic Class, 1919–1971,* and unpublished data.

No. 1443. U.S. Exports and Imports for Consumption of Merchandise, by Customs Region and District: 1970 to 1983

[**In billions of dollars.** Exports are f.a.s. (free alongside ship) value all years; imports are on customs value basis for years 1982 to present; f.a.s. value basis prior to 1982. *See Historical Statistics, Colonial Times to 1970,* series U 264-273, for related data]

Customs region and district	Exports						Imports for consumption					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Total [1]	**43.2**	**107.6**	**220.8**	**233.7**	**212.3**	**200.5**	**40.0**	**96.5**	**244.0**	**259.0**	**242.3**	**258.0**
Boston, MA region	**3.3**	**7.8**	**14.3**	**15.4**	**13.7**	**14.9**	**5.7**	**9.9**	**21.6**	**24.4**	**24.3**	**27.5**
Portland, ME	.1	.3	4.3	4.2	.5	.7	.3	.8	1.6	2.2	11.8	1.8
St. Albans, VT	.2	.4	.7	.7	.7	.7	.4	.6	1.6	1.8	1.8	2.0
Boston, MA	.4	.8	.8	.9	2.7	2.6	1.0	2.2	5.0	5.8	5.4	6.4
Providence, RI	(Z)	(Z)	2.5	2.4	.2	.1	.1	.2	.6	.8	1.0	1.0
Bridgeport, CT	(Z)	(Z)	.2	.1	.1	.1	.2	.4	.9	1.2	1.1	1.2
Ogdensburg, NY	.9	2.3	3.8	4.0	3.1	3.7	1.1	1.8	4.6	4.7	4.7	5.6
Buffalo, NY	1.7	3.9	6.3	11.2	6.3	7.0	2.7	3.7	7.4	7.9	8.4	9.2
New York, NY region	**10.0**	**18.7**	**38.9**	**35.8**	**31.2**	**29.0**	**10.1**	**18.1**	**43.4**	**44.1**	**41.2**	**46.5**
Baltimore, MD region	**3.9**	**12.5**	**21.5**	**22.2**	**21.5**	**16.8**	**3.9**	**11.9**	**26.8**	**26.9**	**24.3**	**23.3**
Philadelphia, PA	.7	2.2	3.2	3.5	3.1	2.3	1.9	6.5	15.6	16.5	14.3	13.4
Baltimore, MD	1.3	4.8	9.0	9.0	8.6	7.1	1.4	3.2	6.0	5.8	5.4	5.5
Norfolk, VA	1.8	5.0	8.9	9.3	9.3	7.1	.6	1.8	4.7	4.3	4.3	4.1
Washington, DC	.1	.5	.3	.5	.5	.4	.1	.2	.4	.4	.4	.3
Miami, FL region	**2.0**	**6.2**	**17.6**	**19.8**	**18.5**	**15.7**	**2.4**	**6.4**	**19.0**	**20.3**	**19.7**	**21.3**
Wilmington, NC	.2	.5	1.3	1.6	1.6	1.3	.2	.7	1.1	1.3	1.3	1.3
Charleston, SC	.2	.8	3.1	3.7	2.8	2.5	.3	.8	1.8	2.2	1.8	2.3
Savannah, GA	.4	.9	2.4	2.7	2.7	2.9	.3	.8	2.2	2.9	2.9	3.5
Tampa, FL	.2	1.3	2.8	2.7	2.2	2.1	.6	1.4	3.7	4.4	4.1	4.6
San Juan, PR	.1	.4	.9	1.0	1.3	1.3	.6	1.9	3.7	3.5	2.9	3.5
Virgin Islands	(NA)	(NA)	.1	.1	.5	.2	(NA)	(NA)	4.1	3.6	4.0	2.6
Miami, FL	.7	2.3	6.9	7.9	7.4	5.5	.4	1.0	2.8	2.8	3.1	3.3
New Orleans, LA region	**3.9**	**11.3**	**22.0**	**23.3**	**21.3**	**19.6**	**1.6**	**6.8**	**25.5**	**26.1**	**20.4**	**16.3**
Mobile, AL	.5	1.4	2.6	2.4	2.1	1.4	.3	1.0	3.0	3.9	2.3	3.2
New Orleans, LA	3.5	9.9	19.5	20.9	19.2	18.2	1.4	5.9	22.5	22.2	18.1	13.0
Houston, TX region	**4.0**	**12.9**	**28.3**	**31.5**	**27.3**	**22.5**	**1.8**	**8.8**	**34.7**	**36.2**	**30.0**	**28.1**
Port Arthur, TX	.5	1.1	2.0	2.0	2.0	1.5	.1	1.6	9.4	7.6	4.2	5.0
Galveston, TX	.7	2.0	3.6	3.7	(2)	(2)	.2	2.2	10.1	10.2	(2)	(1)
Laredo, TX	1.1	3.1	8.3	9.9	6.1	4.4	.4	1.1	2.7	3.0	3.2	4.0
El Paso, TX	.1	.6	1.8	1.8	1.3	1.4	.2	.5	1.4	1.7	1.8	1.9
Houston/Galveston, TX	1.7	6.1	12.1	13.5	17.5	14.6	1.0	3.5	10.0	12.5	19.8	15.7
Dallas/Fort Worth, TX	(NA)	(NA)	.5	.5	.5	.6	(NA)	(NA)	1.2	1.4	1.3	1.5
Los Angeles, CA region	**2.5**	**6.4**	**17.0**	**19.6**	**18.4**	**18.7**	**3.3**	**8.6**	**22.2**	**24.4**	**24.6**	**28.3**
San Diego, CA	.3	.7	1.4	1.9	1.4	.9	.2	.6	1.0	1.1	1.1	1.2
Nogales, AZ	.1	.3	.8	.9	.7	.6	.2	.4	1.2	1.4	1.7	1.7
Los Angeles, CA	2.1	5.4	14.8	16.9	16.3	17.1	2.9	7.6	20.0	21.9	22.0	25.4
San Francisco, CA region	**4.9**	**11.5**	**29.3**	**30.6**	**26.6**	**27.6**	**3.6**	**10.6**	**25.0**	**26.6**	**26.5**	**30.2**
San Francisco, CA	1.8	4.2	10.6	11.3	11.4	11.3	1.3	3.5	8.3	8.7	9.5	11.2
Portland, OR	.8	2.0	3.8	3.9	3.3	3.7	.4	.8	2.6	2.8	2.6	2.8
Seattle, WA	1.9	4.2	12.0	12.3	8.9	10.0	1.3	4.0	9.2	10.0	9.3	9.9
Anchorage, AK	.1	.3	1.0	1.2	1.3	1.1	.1	.4	.2	.2	.3	.4
Honolulu, HI	.1	.1	.2	.2	.2	.2	.2	.6	1.8	1.5	1.7	1.8
Great Falls, MT	.2	.7	1.8	1.7	1.4	1.2	.3	1.3	3.2	3.6	3.4	3.8
Chicago, IL region	**6.2**	**15.3**	**25.2**	**28.2**	**24.8**	**27.6**	**7.3**	**15.1**	**25.6**	**29.7**	**31.0**	**35.7**
Pembina, ND	.4	1.5	2.3	2.7	2.1	2.0	.5	1.3	3.0	3.3	3.1	2.5
Minneapolis, MN	(Z)	(Z)	.1	.1	.1	.2	.1	.1	.3	.4	.5	.5
Duluth, MN	.3	1.0	1.5	1.4	1.0	1.0	.5	1.5	3.0	2.8	2.6	2.9
Milwaukee, WI	.1	.2	.4	.3	.2	.2	.1	.2	.4	.4	.5	.8
Detroit, MI	4.1	9.8	14.6	17.1	15.1	17.9	4.2	8.2	12.7	15.2	16.3	19.9
Chicago, IL	.8	1.5	4.2	4.6	4.3	4.7	1.2	2.2	4.1	4.5	5.2	5.8
Cleveland, OH	.5	1.3	1.8	1.8	1.8	1.7	.6	.9	1.5	2.0	1.7	2.1
St. Louis, MO	(Z)	.1	.2	.2	.1	.1	.1	.3	.9	1.1	1.1	.8

NA Not available. Z Less than $50 million. [1] Includes data on low-value shipments not distributed by customs region.
[2] Beginning 1982, included with Houston.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade,* FT 990, monthly.

No. 1444. Export and Import Unit Value Indexes—Selected Countries: 1978 to 1983

[**Indexes in U.S. dollars, 1980=100.** A unit value is an implicit price derived from value and quantity data]

Country	Export unit value						Import unit value					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
United States	**77**	**88**	**100**	**109**	**110**	**112**	**67**	**80**	**100**	**106**	**104**	**100**
Australia	73	86	100	102	95	90	66	78	100	103	97	94
Austria	82	92	100	86	84	80	76	88	100	90	84	79
Belgium	74	90	100	86	80	76	73	86	100	90	84	81
Canada	72	85	100	104	101	100	77	86	100	109	108	104
Denmark	84	95	100	90	86	81	74	89	100	93	87	83
France	77	90	100	88	83	79	72	84	100	92	85	79
Germany, Fed. Rep	82	91	100	86	83	80	72	85	100	92	86	81
Italy	71	85	100	92	90	85	66	80	100	103	94	86
Norway	62	75	100	100	95	87	76	87	100	92	86	79
Sweden	73	87	100	91	83	76	72	87	100	92	83	76
Switzerland	82	91	100	88	86	87	73	83	100	83	79	78
United Kingdom	67	80	100	94	88	83	66	83	100	93	88	83

Source: International Monetary Fund, Washington, DC, *International Financial Statistics,* monthly.

No. 1445. Domestic Exports and General Imports of Leading Commodities—Value, by Area: 1983

[In millions of dollars. Includes nonmonetary gold. Exports are f.a.s. (free alongside ship) transaction value basis; imports are customs value basis]

Selected commodities	Total [1]	Western Hemisphere			Western Europe			Asia	
		Total [1]	Canada	Mexico	Total [1]	Germany, Fed. Rep. of	United Kingdom	Total	Japan
Domestic exports, total	**195,969**	**62,007**	**36,917**	**8,757**	**54,497**	**8,444**	**10,270**	**62,813**	**21,520**
Agricultural commodities	36,108	7,042	1,830	1,942	10,116	1,529	812	13,977	6,241
Nonagricultural commodities	159,862	54,964	35,087	6,815	44,381	6,915	9,457	48,835	15,279
Food and live animals	24,166	5,599	1,496	1,424	5,009	777	488	9,597	4,294
Meat and meat preparations	1,199	247	97	26	177	11	27	711	574
Grain and cereal preparation	15,152	3,129	143	1,148	1,821	73	112	6,777	2,493
Wheat and wheat flour	6,509	1,222	1	-	301	11	1	2,913	589
Corn	6,480	1,085	37	676	1,255	54	98	3,064	1,764
Beverages and tobacco	2,813	225	68	9	1,169	187	86	1,113	442
Crude materials, excluding fuels	18,596	2,973	1,588	790	7,064	1,135	777	7,579	1,485
Soybeans	5,925	399	61	239	3,176	423	123	2,014	1,210
Logs and lumber	2,104	373	275	157	355	100	39	1,300	900
Metal ores and scrap	2,276	536	393	108	884	85	283	842	527
Mineral fuels and related materials	9,500	2,942	1,692	262	2,976	113	174	3,134	1,994
Bituminous coal	4,008	1,118	886	7	1,620	82	66	1,194	1,002
Chemicals and related products	19,751	6,123	2,546	1,068	5,893	902	830	6,243	2,607
Manufactured goods	14,852	6,365	3,777	910	3,173	518	739	4,323	1,360
Textile yarn, fabric, articles	2,368	1,042	591	88	562	66	133	539	98
Iron and steel mill products	1,415	724	423	147	157	16	40	422	33
Machinery	54,309	16,539	9,754	2,698	16,622	2,875	4,184	16,829	3,251
Power generating	8,718	3,254	2,321	345	2,629	280	408	2,084	517
Agricultural [2]	1,589	858	754	282	256	45	44	236	24
General industrial	7,980	2,895	1,757	403	1,705	309	391	2,663	319
Office machinery and computers	11,669	2,303	1,560	228	6,103	1,115	1,699	2,533	905
Telecommunications	3,804	1,130	442	358	1,017	194	294	1,325	208
Electrical [3]	11,936	3,416	1,741	989	2,801	606	767	5,305	738
Transport equipment	28,269	13,139	10,912	818	5,120	699	1,063	5,883	1,543
Automobile, motor vehicles [4]	14,463	11,352	10,136	549	1,059	229	190	1,353	145
Aircraft and parts	12,189	1,424	685	182	3,904	445	852	3,967	1,345
Professional, scientific, and controlling instruments	5,856	1,240	793	154	2,253	414	575	1,819	583
General imports, total	**258,048**	**93,872**	**52,130**	**16,776**	**53,884**	**12,695**	**12,470**	**91,464**	**41,183**
Agricultural commodities	16,534	7,598	1,502	1,279	3,645	453	155	2,621	169
Nonagricultural commodities	241,514	86,275	50,628	15,339	50,240	12,243	12,315	88,843	41,014
Food and live animals	15,412	8,709	1,983	1,554	2,096	206	136	2,140	337
Meat and meat preparations	2,034	668	333	4	306	3	2	12	6
Fish, including shellfish	3,594	1,995	806	417	529	5	30	786	219
Vegetables and fruit	2,920	1,911	125	644	347	63	5	560	44
Coffee	2,590	1,843	(z)	277	46	26	(z)	248	(z)
Beverages and tobacco	3,408	809	465	98	2,408	208	551	102	24
Crude materials, excluding fuels	9,580	6,543	5,276	257	711	96	71	1,064	75
Paper base stocks	1,508	1,442	1,398	6	43	(z)	(z)	(z)	(z)
Wood	2,719	2,664	2,610	6	34	1	(z)	49	(z)
Metal ores and scrap	2,500	1,459	694	94	102	31	16	76	9
Mineral fuels and related materials	57,952	28,707	8,321	8,569	6,579	94	4,170	11,491	11
Crude petroleum	36,809	13,686	2,665	7,521	4,762	(z)	3,931	10,149	-
Petroleum products	15,517	10,147	1,330	520	1,800	94	232	1,296	11
Natural gas	5,530	4,801	4,264	507	17	(z)	7	44	(z)
Chemicals and related products	10,779	3,474	2,390	352	5,020	1,255	1,036	1,627	1,099
Manufactured goods	34,833	12,130	8,512	1,183	9,295	1,676	1,882	11,541	5,222
Paper, paperboard	3,813	3,381	3,323	121	474	79	58	65	71
Iron and steel	6,338	1,493	859	191	2,076	554	164	2,523	1,931
Nonferrous metals	7,422	3,597	2,082	412	2,085	291	1,037	810	393
Machinery	46,975	9,393	5,141	3,232	10,465	3,674	2,110	26,952	15,323
Power generating	5,274	2,475	1,603	589	1,837	437	643	953	834
General industrial	4,837	933	784	163	1,993	671	323	1,867	1,194
Telecommunications	11,278	1,647	438	1,076	334	68	77	9,295	5,697
Electrical [3]	12,499	2,442	791	1,222	1,937	715	289	8,085	2,912
Office machinery and data processing equipment	6,759	832	617	178	886	272	152	5,027	3,247
Transport equipment	39,156	15,452	14,983	342	8,142	4,102	1,000	15,499	14,819
Automobiles, buses, trucks	28,736	10,330	10,315	14	5,534	3,566	420	12,867	12,845
New passenger cars	22,934	7,276	7,263	13	5,357	3,429	405	10,301	10,294
Motor vehicle parts	6,299	4,216	3,836	297	1,083	329	155	966	865
Clothing	9,583	809	103	189	613	40	96	8,035	340
Footwear	4,010	623	28	58	1,111	17	17	2,214	22

- Represents zero. Z Less than $500,000. [1] Includes countries and regions not shown separately [2] Agricultural machinery and parts and tractors, excluding tractor parts. [3] Electrical machinery, apparatus, appliances, and parts. [4] Includes motor vehicle and tractor parts, except tires, engines, and electrical parts.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, December issue.

No. 1446. Exports, Imports, and Merchandise Trade Balance, by Continents, Areas, and Countries: 1975 to 1983

[*In millions of dollars, except percent.* Includes silver ore and bullion. Beginning 1980, data include nonmonetary gold and beginning 1981, data include trade of Virgin Islands with foreign countries, see footnote 2 for exception. Minus sign (−) denotes an excess of imports over exports. See *Historical Statistics, Colonial Times to 1970,* series U 317–352, for selected countries]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN					GENERAL IMPORTS					MERCHANDISE TRADE BALANCE				
	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Total [1]	**107,592**	**[2] 220,783**	**233,739**	**212,275**	**200,538**	**96,902**	**244,871**	**261,305**	**243,952**	**258,048**	**+10,690**	**−24,088**	**−27,566**	**−31,677**	**−57,510**
Developed countries [3]	64,780	130,848	135,840	122,541	122,822	56,700	125,306	141,506	141,594	152,177	+8,080	+5,542	−5,666	−19,053	−29,355
Percent of total	60.2	59.3	58.1	57.7	61.2	58.5	51.2	54.2	58.0	59.0	(x)	(x)	(x)	(x)	(x)
Developing countries [3]	39,215	81,125	88,972	82,674	72,342	39,311	117,025	116,343	99,002	102,266	−96	−35,900	−27,371	−16,328	−29,924
Communist areas, total	3,092	7,616	7,951	6,554	5,085	891	2,496	3,452	3,354	3,604	+2,201	+5,120	+4,499	+3,200	+1,481
Africa	4,949	9,060	11,448	10,271	8,768	8,299	34,410	27,071	17,770	14,425	−3,350	−25,350	−15,623	−7,499	−5,657
Asia	28,223	60,168	63,849	64,822	63,813	27,252	80,299	92,033	85,170	91,464	+971	−20,131	−28,184	−20,348	−27,651
Oceania	2,340	4,876	6,436	5,700	4,827	1,508	3,392	3,353	3,131	3,044	+832	+1,484	+3,083	+2,569	+1,783
Europe	32,732	71,372	69,715	63,664	58,871	21,623	48,039	53,410	53,413	55,243	+11,109	+23,333	+16,305	+10,251	+3,628
North America	30,040	56,737	63,934	52,057	53,450	30,976	64,287	69,909	70,022	77,880	−936	−7,550	−5,975	−18,037	−24,430
South America	8,803	17,377	17,732	15,257	10,520	7,232	14,400	15,527	14,444	15,992	+1,571	+2,977	+2,205	+884	−5,472
Western Hemisphere	**38,843**	**74,114**	**81,667**	**67,312**	**63,970**	**38,209**	**78,687**	**85,436**	**84,467**	**93,873**	**+634**	**−4,573**	**−3,769**	**−17,155**	**−29,903**
Canada	21,744	35,395	39,564	33,720	38,244	22,151	41,459	46,414	46,477	52,130	−407	−6,064	−6,850	−12,757	−13,886
20 Latin American countries	15,655	36,030	38,950	30,086	22,618	11,847	29,952	32,023	32,513	35,683	+3,808	+6,078	+6,927	−2,427	−13,065
Other Western Hemisphere	1,444	2,688	3,152	3,506	3,108	4,210	7,277	6,999	5,477	6,060	−2,766	−4,589	−3,847	−1,971	−2,952
Central American Common Market	968	1,951	1,773	1,405	1,494	810	1,849	1,546	1,467	1,585	+158	+102	+227	−62	−91
Costa Rica	212	498	373	330	382	179	356	365	358	387	+33	+142	+8	−28	−5
El Salvador	194	272	308	292	365	182	427	259	319	348	+12	−155	+49	−27	+17
Guatemala	255	552	559	390	316	173	435	349	336	371	+82	+117	+210	+54	−55
Honduras	151	379	349	275	299	145	419	433	365	381	+6	−40	−84	−90	−82
Nicaragua	156	250	184	119	132	131	211	140	90	97	+25	+39	+44	+29	+35
Latin American Free Trade Association	13,773	32,274	35,260	26,879	19,378	10,100	26,735	28,981	29,850	32,611	+3,673	+5,539	+6,279	−2,971	−13,233
Argentina	628	2,625	2,192	1,294	965	215	741	1,124	1,128	853	+413	+1,884	+1,068	+166	+112
Bolivia	138	172	189	99	102	89	182	177	109	166	+49	−10	+12	−10	−64
Brazil	3,056	4,343	3,798	3,423	2,557	1,467	3,715	4,475	4,285	4,946	+1,589	+628	−677	−862	−2,389
Chile	533	1,353	1,465	925	729	138	515	604	666	969	+395	+838	+861	+259	−240
Colombia	643	1,736	1,771	1,903	1,514	596	1,241	819	801	970	+47	+495	+952	+1,102	+544
Ecuador	410	864	854	828	597	463	876	1,021	1,131	1,429	−53	−12	−167	−303	−832
Mexico	5,141	15,145	17,789	11,817	9,082	3,066	12,580	13,765	15,566	16,776	+2,075	+2,565	+4,024	−3,749	−7,694
Paraguay	33	109	108	78	37	19	81	48	39	32	+14	+28	+60	+39	+5
Peru	896	1,171	1,486	1,117	900	397	1,386	1,224	1,099	1,151	+499	−215	+262	+18	−251
Uruguay	51	183	163	190	86	24	97	158	258	381	+27	+86	+5	−68	−295
Venezuela	2,243	4,573	5,445	5,206	2,811	3,625	5,321	5,566	4,768	4,938	−1,382	−748	−121	+438	−2,127
Other Latin America	914	1,805	1,917	1,803	1,747	937	1,368	1,496	1,195	1,487	−23	+437	+421	+608	+267
Cuba	(z)	(z)	1	1	8	(z)	(z)	(z)	2	(z)	(z)	(z)	(z)	−1	+8
Dominican Republic	453	795	772	664	632	634	787	926	629	814	−181	+8	−154	+35	−182
Haiti	144	311	301	299	366	107	252	274	310	336	+37	+59	+27	−11	+30
Panama	317	699	844	839	748	196	330	297	255	337	+121	+369	+547	+584	+411

Other Western Hemisphere	**1,444**	**2,688**	**3,152**	**3,506**	**3,108**	**4,210**	**7,277**	**6,999**	**5,477**	**6,060**	**−2,766**	**−4,589**	**−3,847**	**−1,971**	**−2,952**
Bahamas	208	396	441	590	452	880	1,469	1,262	1,050	1,687	−672	−1,073	−791	−460	−1,235
Barbados	36	136	150	155	195	34	96	80	107	202	+2	+40	+90	+48	−7
Belize	26	58	69	64	36	34	60	43	36	27	−6	−2	+26	+28	+9
Bermuda	63	136	149	172	185	3	13	18	12	11	+60	+123	+131	+160	+174
French West Indies	26	67	69	51	38	1	7	20	9	22	+25	+60	+49	+42	+16
Greenland	8	3	1	3	1	7	14	15	16	15	+1	−11	−14	−13	−14
Guyana	89	96	106	56	36	87	120	104	71	69	+2	−24	+2	−15	−33
Jamaica	381	305	479	468	452	307	383	366	294	273	+74	−78	+113	+174	+179
Leeward and Windward Islands	41	152	282	177	166	15	36	32	27	39	+26	+116	+250	+150	+127
Netherlands Antilles	228	448	498	660	553	1,559	2,564	2,626	2,117	2,291	−1,331	−2,116	−2,127	−1,457	−1,738
Suriname	79	136	138	128	117	108	109	180	60	63	−29	+27	−42	+68	+54
Trinidad and Tobago	256	680	688	894	728	1,171	2,383	2,215	1,627	1,318	−915	−1,703	−1,527	−733	−590
Other	3	74	81	88	149	4	23	38	51	43	−1	+51	−7	+37	+106
Western Europe	**29,945**	**67,512**	**65,377**	**60,054**	**55,980**	**20,892**	**46,602**	**51,855**	**52,346**	**53,884**	**+9,053**	**+20,910**	**+13,522**	**+7,708**	**+2,096**
OECD [4]	29,575	66,654	64,548	59,378	55,261	20,627	46,137	51,399	51,966	53,468	+8,948	+20,517	+13,149	+7,412	+1,793
European Economic Community [5]	23,315	54,601	52,363	47,932	44,311	16,843	36,384	41,624	42,509	43,892	+6,472	+18,217	+10,739	+5,423	+419
Belgium and Luxembourg	2,417	6,661	5,765	5,229	5,049	1,199	1,914	2,297	2,396	2,412	+1,218	+4,747	+3,468	+2,833	+2,637
Denmark	445	863	887	732	649	464	727	850	904	1,067	−19	+136	+37	−172	−418
France	3,031	7,485	7,341	7,110	5,961	2,164	5,265	5,851	5,545	6,025	+867	+2,220	+1,490	+1,565	−64
Germany, Fed. Rep. of	5,194	10,960	10,277	9,291	8,737	5,410	11,693	11,379	11,975	12,695	−216	−733	−1,102	−2,684	−3,958
Greece [5]	450	922	676	721	503	110	292	359	242	238	+340	+630	+317	+479	+265
Ireland	190	836	1,025	983	1,115	178	413	498	556	560	+12	+423	+527	+427	+555
Italy	2,867	5,511	5,360	4,616	3,908	2,457	4,325	5,189	5,301	5,455	+410	+1,186	+171	−685	−1,547
Netherlands	4,193	8,669	8,595	8,604	7,767	1,089	1,918	2,366	2,494	2,970	+3,104	+6,756	+6,229	+6,110	+4,797
United Kingdom	4,527	12,694	12,439	10,645	10,621	3,773	9,842	12,835	13,095	12,470	+754	+2,852	−396	−2,450	−1,849
Other OECD [4]	6,260	12,053	12,185	11,445	10,950	3,784	9,753	9,776	9,457	9,576	+2,476	+2,300	+2,409	+1,988	+1,374
Austria [6]	181	447	484	371	371	243	389	382	491	447	−62	+58	+102	−120	−76
Finland [6]	261	505	613	489	413	149	439	525	414	496	+112	+66	+88	+75	−83
Iceland	32	79	71	77	53	85	200	198	184	219	−53	−121	−127	−107	−166
Norway	510	843	892	950	813	403	2,632	2,477	1,973	1,358	+107	−1,789	−1,585	−1,023	−545
Portugal	427	911	1,075	838	1,212	157	278	238	283	280	+270	+633	837	+555	+932
Spain	2,164	3,179	3,397	3,456	2,763	836	1,220	1,533	1,505	1,533	+1,328	+1,959	1,864	+1,951	+1,230
Sweden [6]	925	1,767	1,842	1,689	1,581	887	1,617	1,714	1,993	2,429	+38	+150	128	−304	−848
Switzerland [6]	1,153	3,781	3,022	2,707	2,960	879	2,803	2,448	2,340	2,494	+274	+978	577	+367	+466
Turkey	608	540	789	868	783	145	175	261	274	320	+463	+365	528	+594	+463
Other Western Europe	**369**	**858**	**829**	**677**	**720**	**265**	**464**	**455**	**380**	**416**	**+104**	**+394**	**374**	**+297**	**+304**
Yugoslavia	328	756	648	494	572	261	446	437	360	386	+67	+310	+211	+134	+186
Other and Special Category	41	102	180	183	148	4	18	18	20	30	+37	+84	+162	+163	+118

See footnotes at end of table.

No. 1446. Exports, Imports, and Merchandise Trade Balance, by Continents, Areas, and Countries: 1975 to 1983—Continued

[In millions of dollars, except percent. See headnote, p. 816]

Continent, area, and country	Exports, domestic and foreign					General imports [1]					Merchandise trade balance				
	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Communist areas in Europe	**2,787**	**3,860**	**4,338**	**3,610**	**2,891**	**731**	**1,437**	**1,555**	**1,067**	**1,359**	**+2,056**	**+2,423**	**+2,783**	**+2,543**	**+1,532**
Bulgaria	30	161	258	107	66	20	25	34	28	28	+10	+136	+224	+79	+38
Czechoslovakia	53	185	83	84	59	31	69	67	62	62	+22	+116	+16	+22	−3
German Dem. Rep	17	479	296	223	139	11	44	48	54	58	+6	+435	+248	+169	+81
Hungary	76	80	78	68	111	35	107	129	133	156	+41	−27	−51	−65	−45
Poland	583	714	682	295	324	243	416	365	212	189	+340	+298	+317	+83	+135
Romania	191	722	504	224	186	133	312	561	348	513	+58	+410	−57	−124	−327
Soviet Union	1,835	1,513	2,431	2,587	2,003	255	454	348	228	347	+1,580	+1,059	+2,083	+2,359	+1,856
Other	2	7	6	22	3	3	10	3	2	6	−1	−3	+3	+20	−3
Asia	**28,223**	**60,168**	**63,849**	**64,822**	**63,813**	**27,252**	**80,299**	**92,033**	**85,170**	**91,464**	**+971**	**−20,131**	**−28,184**	**−20,348**	**−27,651**
Japan	**9,563**	**20,790**	**21,823**	**20,966**	**21,894**	**11,425**	**30,714**	**37,612**	**37,744**	**41,183**	**−1,862**	**−9,924**	**−15,789**	**−16,778**	**−19,289**
Communist areas	305	3,756	3,613	2,945	2,194	160	1,059	1,897	2,287	2,245	+145	+2,697	+1,716	+658	−51
Near East Asia	**8,263**	**11,900**	**14,964**	**15,950**	**13,796**	**5,401**	**18,672**	**18,543**	**11,812**	**7,135**	**+2,862**	**−6,772**	**−3,579**	**+4,138**	**+6,661**
Bahrain	90	197	297	220	136	100	16	35	31	23	−10	+181	+262	+189	+113
Iran	3,244	23	300	122	190	1,398	458	64	585	1,130	+1,846	−435	+236	−463	−940
Iraq	310	724	914	846	512	19	460	164	39	59	+291	+264	+750	+807	+453
Israel	1,551	2,045	2,521	2,271	2,017	314	950	1,243	1,164	1,255	+1,237	+1,095	+1,278	+1,107	+762
Jordan	195	407	727	620	436	1	3	2	7	5	+194	+404	+725	+613	+431
Kuwait	366	866	976	941	741	111	494	86	40	130	+255	+392	+890	+901	+611
Lebanon	368	303	296	294	484	33	33	19	19	17	+335	+270	+277	+275	+467
Saudi Arabia	1,502	5,768	7,327	9,026	7,903	2,623	12,648	14,391	7,443	3,627	−1,121	−6,880	−7,064	+1,583	+4,276
Syria	128	239	143	138	112	7	26	83	10	8	+121	+213	+60	+128	+104
Other	508	1,307	1,464	1,472	1,265	796	3,584	2,456	2,474	881	−288	−2,277	−994	−1,002	+384
East and South Asia	**10,095**	**23,722**	**23,448**	**24,962**	**25,930**	**10,267**	**29,854**	**33,980**	**33,328**	**40,901**	**−172**	**−6,132**	**−10,532**	**−8,366**	**−14,971**
Afghanistan	19	11	6	10	5	8	6	13	11	8	+11	+5	−7	−1	−3
Burma	10	29	34	34	16	2	9	15	17	11	+8	+20	+19	+17	+5
China: Taiwan	1,659	4,337	4,305	4,367	4,667	1,946	6,854	8,049	8,893	11,204	−287	−2,517	−3,744	−4,526	−6,537
Hong Kong	808	2,686	2,635	2,453	2,564	1,573	4,739	5,428	5,540	6,394	−765	−2,053	−2,793	−3,087	−3,830
India	1,290	1,689	1,748	1,599	1,828	549	1,098	1,202	1,404	2,191	+741	+591	+546	+195	−363
Indonesia	810	1,545	1,302	2,025	1,466	2,222	5,217	6,022	4,224	5,285	−1,412	−3,672	−4,720	−2,199	−3,819
Kampuchea	66	26	12	2	3	1	(z)	1	(z)	(z)	+65	+26	+11	+2	+3
Korea, Republic of	1,762	4,685	5,116	5,529	5,925	1,442	4,147	5,227	5,637	7,146	+320	+538	−111	−108	−1,223
Laos	4	(z)	1	(z)	(z)	(z)	1	1	(z)	3	(z)	(z)	-	(z)	−1
Malaysia	393	1,337	1,537	1,736	1,684	772	2,577	2,183	1,885	2,124	−379	−1,240	−646	−149	−440
Pakistan	372	642	492	700	812	49	128	174	165	167	+323	+514	+318	+535	+645

Philippines	832	1,999	1,787	1,854	1,807	756	1,731	1,964	1,806	2,001	+76	+268	−177	+48	−194
Singapore	994	3,033	3,003	3,214	3,759	534	1,921	2,114	2,195	2,868	+460	+1,112	+889	+1,019	+891
Sri Lanka	38	62	91	198	75	40	126	154	175	185	−2	−64	−63	+23	−110
Thailand	357	1,263	1,170	915	1,063	217	816	946	884	967	+140	+447	+224	+31	+96
Other and Special Category	681	378	211	326	258	154	484	487	490	344	+527	−106	−276	−164	−86
Oceania	**2,340**	**4,876**	**6,436**	**5,700**	**4,827**	**1,508**	**3,392**	**3,353**	**3,131**	**3,044**	**+832**	**+1,484**	**+3,083**	**+2,569**	**+1,783**
Australia	1,815	4,093	5,242	4,535	3,954	1,147	2,509	2,465	2,287	2,222	+668	+1,584	+2,777	+2,248	+1,732
New Zealand and W. Samoa	411	599	940	900	625	245	703	718	777	737	+166	−104	+222	+123	−112
Other	114	184	254	265	248	116	180	170	67	85	−2	+4	+84	+198	+163
Africa	**4,949**	**9,060**	**11,448**	**10,271**	**8,768**	**8,299**	**34,410**	**27,071**	**17,770**	**14,425**	**−3,350**	**−25,350**	**−15,623**	**−7,499**	**−5,657**
Algeria	632	542	717	909	594	1,359	6,577	5,038	2,673	3,551	−727	−6,035	−4,321	−1,764	−2,957
Angola	53	111	268	159	91	425	742	904	697	911	−372	−631	−636	−538	−820
Cameroon	30	93	152	85	93	18	605	625	790	515	+12	−512	−473	−705	−422
Central African Republic	1	1	1	1	1	5	9	6	5	4	−4	−8	−5	−4	−3
Egypt	683	1,874	2,159	2,875	2,813	28	539	397	547	303	+655	+1,335	+1,762	+2,328	+2,510
Ethiopia	70	72	62	43	43	49	87	83	102	87	+21	−15	−21	−59	−44
Gabon	59	48	128	110	63	197	343	432	610	657	−138	−295	−304	−500	−594
Ghana	100	127	154	116	119	151	206	246	362	120	−51	−79	−92	−246	−1
Ivory Coast	78	185	130	97	61	157	288	344	303	343	−79	−103	−214	−206	−282
Kenya	49	141	150	98	69	36	54	52	71	65	+13	+87	+98	+27	+4
Liberia	90	113	128	113	110	96	128	113	91	91	−6	−15	+15	+22	+19
Libya	232	509	813	301	191	1,045	8,595	5,301	512	1	−813	−8,086	−4,488	−211	+190
Madagascar	7	7	16	24	22	46	91	69	63	71	−39	−84	−53	−39	−49
Mauritania	14	20	27	26	28	(Z)	(Z)	(Z)	1	1	13	19	26	+25	+27
Morocco	200	344	429	397	440	10	35	36	45	31	+190	+309	+393	+352	+409
Mozambique	18	69	35	27	20	36	105	83	51	29	−18	−36	−48	−24	−9
Nigeria	536	1,150	1,523	1,295	864	3,281	11,105	9,249	7,045	3,736	−2,745	−9,955	−7,726	−5,750	−2,872
South Africa, Republic of	1,302	2,463	2,912	2,368	2,129	840	3,321	2,445	1,967	2,027	+462	−858	+467	+401	+102
Sudan	103	142	208	270	157	8	17	58	16	19	+95	+125	+150	+254	+138
Tanzania	66	62	48	41	32	29	32	19	29	14	+37	+30	+29	+12	+18
Tunisia	90	173	222	213	216	26	60	10	59	33	+64	+113	+212	+154	+183
Uganda	15	12	7	9	4	61	126	101	156	104	−46	−114	−94	−147	−100
Zaire	188	155	141	91	83	67	418	423	407	366	+121	−263	−282	−316	−283
Zambia	86	98	68	69	35	(Z)	200	114	30	52	86	−102	−46	+39	−17
Other	251	549	950	534	490	331	727	923	1,139	1,294	−80	−178	+27	−605	−804

– Represents zero. Z Less than $500,000. [1] 1975, 1982, and 1983 imports are customs value basis; f.a.s. basis other years. Exports are f.a.s. value. [2] Includes revisions not carried to area values; therefore, area values will not add to total. [3] Developed countries include Canada, Western Europe, Japan, Australia, New Zealand, and South Africa; developing countries include rest of the world excluding Communist areas in Europe and Asia. Assignment of countries generally follows that made by United Nations. (See table 1475.) [4] OECD=Organization of Economic Cooperation and Development. [5] As of 1981, Greece, became a member of EEC. For consistency, data for all years are shown on same basis. [6] Includes Special Category exports, if any.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

No. 1447. Percent Distribution of U.S. Domestic Exports and General Imports, by Broad Commodity Groups: 1960 to 1983

COMMODITY GROUP	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Exports:												
Food and live animals	13.2	14.7	10.2	14.6	13.9	11.9	13.0	12.5	12.8	13.2	11.6	12.1
Beverages and tobacco	2.4	1.9	1.6	1.2	1.3	1.6	1.6	1.3	1.2	1.3	1.5	1.4
Crude materials, inedible [1]	13.7	10.5	10.8	9.2	9.6	11.0	11.0	11.6	11.0	9.2	9.3	9.3
Mineral fuels and related materials	4.1	3.5	3.7	4.2	3.7	3.5	2.8	3.1	3.7	4.5	6.1	4.7
Chemicals	8.7	8.8	9.0	8.2	8.8	9.1	8.9	9.7	9.6	9.3	9.6	9.8
Machinery and transport equipment	34.3	37.3	42.0	43.0	43.7	42.2	42.0	39.5	39.1	41.8	42.1	41.2
Other manufactured goods	18.7	18.0	17.9	15.6	15.7	16.0	16.1	16.2	17.8	16.3	15.8	15.2
General imports:												
Food and live animals	19.9	16.1	13.5	8.8	8.5	8.5	7.9	7.4	6.4	5.8	5.9	6.0
Beverages and tobacco	2.6	2.6	2.1	1.5	1.3	1.1	1.3	1.2	1.1	1.2	1.4	1.3
Crude materials, inedible [1]	18.3	14.5	8.3	5.8	5.8	5.7	5.4	5.2	4.3	4.3	3.5	3.7
Mineral fuels and related materials	10.5	10.4	7.7	27.5	28.2	30.2	24.5	29.1	33.9	31.2	26.8	22.5
Chemicals	5.3	3.6	3.6	3.8	4.0	3.4	3.7	3.6	3.5	3.6	3.9	4.2
Machinery and transport equipment	9.7	13.8	28.0	24.4	24.7	24.7	27.7	26.0	24.7	26.6	30.1	33.4
Other manufactured goods	30.3	35.1	33.3	24.9	25.0	23.8	26.9	24.8	22.9	24.3	25.1	31.7

[1] Excludes fuels.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly. Also in U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1448. Domestic Exports, by Selected Commodity Groups: 1970 to 1983

[**In millions of dollars.** Totals and subtotals include data for commodities not shown separately. Beginning 1975, exports include nonmonetary gold. Commodity data beginning 1978 are not strictly comparable with previous years due to changes in export classifications; see source for changes. For 1977, adjustments have been made to the subtotals and to certain commodities to provide greater comparability with later years; and beginning 1980, includes trade of Virgin Islands with foreign countries (see footnote 1 for exception). "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294]

COMMODITY GROUP	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
U.S. merchandise	42,590	106,561	113,666	119,005	141,126	178,578	[1] 216,668	228,961	207,158	195,969
Food and live animals	4,356	15,484	15,710	14,116	18,311	22,245	27,744	30,291	23,950	24,166
Meat and preparations	175	528	798	797	958	1,127	1,293	1,482	1,285	1,191
Meat, fresh, chilled, or frozen	147	491	759	750	894	1,057	1,217	1,389	1,194	1,110
Dairy products and eggs	137	134	128	189	190	161	255	433	409	373
Grains and preparations	2,596	11,642	10,911	8,755	11,634	14,450	18,079	19,457	14,747	15,152
Wheat and wheat flour	1,112	5,293	4,040	2,883	4,532	5,491	6,586	8,073	6,869	6,509
Rice	314	858	629	730	929	850	1,285	1,526	997	928
Coarse grains	1,072	5,272	6,023	4,913	5,920	7,804	9,866	9,501	6,420	7,231
Corn	824	4,448	5,223	4,139	5,301	7,022	8,570	8,014	5,682	6,460
Grain sorghums	196	699	642	604	591	686	1,080	1,174	720	747
Fruits and nuts	406	871	976	1,080	1,335	1,525	1,938	1,983	1,778	1,701
Fruit, fresh	164	404	434	458	530	624	716	802	730	761
Vegetables	178	406	569	517	554	605	992	1,131	937	744
Feed for animals	497	987	1,358	1,572	1,921	2,317	2,878	2,739	2,473	2,802
Beverages and tobacco	702	1,308	1,524	1,847	2,293	2,337	2,663	2,915	3,026	2,813
Tobacco and manufactures	679	1,253	1,457	1,732	2,125	2,148	2,426	2,723	2,845	2,647
Leaf tobacco	481	852	922	1,094	1,358	1,184	1,334	1,457	1,547	1,462
Cigarettes	159	368	510	615	749	909	1,055	1,229	1,235	1,126
Crude materials, inedible, exc. fuels	4,605	9,784	10,891	13,086	15,555	20,755	23,791	20,993	19,248	18,596
Hides and skins, except fur skins	145	295	522	578	695	992	694	700	778	807
Soybeans	1,216	2,865	3,315	4,393	5,210	5,708	5,883	6,200	6,240	5,925
Synthetic rubber	176	261	329	327	369	578	695	624	553	543
Wood in the rough [2]	366	751	945	1,178	1,376	1,782	2,002	1,426	1,522	1,366
Wood shaped or simply worked	193	413	563	551	618	1,015	1,060	933	811	914
Lumber, softwood	162	342	471	444	452	778	778	653	576	602
Woodpulp	464	875	844	875	817	1,104	1,652	1,661	1,415	1,432
Textile fibers and wastes	543	1,345	1,426	1,899	2,302	3,046	3,929	3,402	2,817	2,593
Raw cotton, excluding linters	372	991	1,049	1,530	1,740	2,198	2,864	2,260	1,955	1,817
Ores and metal scrap	940	1,355	1,284	1,290	1,839	3,325	4,518	2,718	2,174	2,276
Iron and steel scrap	447	780	634	413	698	1,142	1,226	639	610	637
Ores and scrap, nonferrous base	397	461	499	600	893	1,920	1,223	899	690	451
Mineral fuels and related materials	1,595	4,470	4,226	4,184	3,881	5,616	7,982	10,279	12,729	9,500
Coal	962	3,259	2,910	2,655	2,046	3,328	4,621	5,909	5,987	4,051
Petroleum and products	488	908	998	1,280	1,564	1,914	2,833	3,696	5,847	4,557
Lubricating oils	175	275	292	305	467	639	733	799	345	667
Animal and vegetable oils and fats	493	944	978	1,309	1,521	1,845	1,946	1,750	1,541	1,459
Tallow, inedible	176	299	377	504	516	655	677	645	572	568
Soybean oil	192	266	238	440	560	776	689	474	486	447

See footnotes at end of table.

No. 1448. Domestic Exports, by Selected Commodity Groups: 1970 to 1983—Continued

[In millions of dollars. See headnote, p. 820]

COMMODITY GROUP	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Chemicals and related products	**3,826**	**8,691**	**9,959**	**10,812**	**12,823**	**17,306**	**20,740**	**21,187**	**19,890**	**19,751**
Chemical elements and compounds	1,642	3,623	4,408	4,811	5,297	7,704	2,106	2,285	1,969	1,838
Dyeing, tanning, coloring materials	137	244	310	352	386	450	490	524	494	491
Medicinal, pharmaceutical prod	420	866	997	1,081	1,404	1,591	1,932	2,165	2,275	2,494
Fertilizers, manufactured	178	1,083	613	704	1,091	1,404	2,265	1,735	1,386	1,267
Plastic materials and resins [3]	653	1,166	1,672	1,838	2,088	3,241	3,884	3,809	3,650	3,732
Machinery and transport equip	**17,882**	**45,668**	**49,501**	**50,248**	**59,268**	**70,491**	**84,628**	**95,736**	**87,148**	**82,578**
Machinery [4]	11,685	29,215	32,113	32,630	38,105	45,914	57,263	64,426	59,821	54,695
Power generating machinery	1,405	3,551	3,662	3,619	4,797	6,839	8,428	9,465	9,461	8,718
Agricultural machinery	182	704	707	717	844	1,088	1,295	1,420	1,127	832
Tractors and parts	750	2,126	2,223	2,064	2,316	2,720	2,150	2,296	1,760	1,389
Electronic computers, parts and accessories	1,236	2,228	2,588	3,264	4,359	5,671	7,763	8,741	9,159	10,599
Other office machines [5]	311	411	349	621	647	804	946	1,069	1,048	1,070
Metalworking machinery	396	922	953	730	1,188	1,391	1,756	2,158	1,611	1,121
Metalcutting machines	213	344	290	258	338	350	397	574	345	204
Textile, leather machinery	273	486	457	423	485	628	693	685	554	453
Construction, excavating, and maintenance equipment	434	1,277	1,381	1,352	1,318	1,234	2,076	2,189	1,553	762
Materials handling equipment	807	1,846	1,859	1,664	1,457	1,744	2,243	2,438	1,592	946
Air-conditioning and refrigerating equipment	397	928	1,055	1,245	1,562	1,468	1,523	1,694	1,487	1,268
Pumping equipment, incl. parts	241	543	606	630	729	893	1,091	1,248	1,246	1,003
Pipe valves and parts	196	458	518	548	610	657	829	936	854	716
Power machinery, switchgear	611	1,709	2,139	2,301	2,690	3,140	3,254	3,835	3,624	3,221
Generators, generating sets	117	548	800	889	569	487	619	745	686	376
Transforming, converting, transmission apparatus	156	417	487	518	609	553	914	1,116	1,325	926
Telecommunications apparatus	660	1,574	1,997	2,360	2,689	2,957	3,454	3,856	3,864	3,804
Radio, television apparatus	576	1,339	1,729	1,827	1,831	2,148	2,238	2,525	2,430	590
Domestic electrical equipment	119	359	463	523	610	666	796	841	673	611
Transport equipment [6]	6,197	16,452	17,388	17,619	21,163	24,577	27,366	31,310	26,668	27,298
Railway vehicles	91	462	392	305	305	384	452	488	433	402
Road motor vehicles, parts [6]	3,245	9,290	10,132	10,887	12,150	13,904	13,117	14,733	12,751	13,492
Automobiles, nonmilitary, new	822	2,852	3,228	3,568	3,573	4,611	3,919	3,919	2,860	4,200
Trucks and tractor trucks, commercial, new	452	1,712	1,509	1,513	1,504	1,583	1,467	1,618	1,186	1,042
Parts, accessories, commercial	1,603	3,620	4,213	4,673	5,682	6,147	6,058	7,395	6,939	7,531
Aircraft, parts, and accessories	2,656	6,136	6,104	5,874	8,204	9,719	12,816	14,738	11,775	12,189
Civilian aircraft	1,528	3,169	3,204	2,747	3,616	6,177	8,256	8,613	4,848	7,531
Other manufactured goods	**7,636**	**16,592**	**17,781**	**19,091**	**22,644**	**28,879**	**36,602**	**37,381**	**32,700**	**30,097**
Tires and tubes	186	544	491	338	280	353	511	584	372	304
Paper and manufactures	622	1,447	1,624	1,517	1,597	1,967	2,831	2,961	2,653	2,553
Paper and paperboard	526	1,131	1,291	1,162	1,187	1,430	2,162	2,192	1,877	1,843
Nonmetallic mineral mfrs., n.e.c	475	964	1,166	1,275	1,597	1,949	2,209	2,194	1,804	1,770
Metals and manufactures	2,978	5,661	5,180	5,149	6,101	5,583	8,948	7,363	6,075	5,477
Iron and steelmill products [7]	1,188	2,382	1,833	1,608	1,646	2,227	2,998	2,801	2,101	1,415
Plates and sheets	335	327	338	272	402	567	936	663	372	295
Tubes, pipes, and fittings	226	1,412	778	677	798	1,077	1,080	1,252	1,214	731
Silver bullion, refined	31	104	33	39	56	238	1,327	181	106	169
Nonferrous base metals	893	1,090	1,088	1,058	1,048	1,745	2,964	2,046	1,768	1,606
Copper	358	333	282	196	310	425	434	388	322	386
Aluminum	358	433	469	480	555	899	2,022	1,297	1,026	1,010
Metal manufactures, n.e.c	744	1,891	2,089	2,399	3,103	3,431	4,205	4,769	3,981	3,443
Tools for hand or machine	204	480	498	558	603	693	856	932	810	671
Textiles, other than clothing	603	1,624	1,971	1,970	2,225	3,189	3,632	3,619	2,784	2,368
Textile yarn and thread	145	298	374	417	370	621	753	902	711	533
Cotton broad-woven fabrics	103	376	499	438	426	626	566	349	253	201
Textile fabrics, woven, exc. cotton	151	386	423	399	472	721	832	797	522	430
Clothing	198	403	510	608	677	931	1,183	1,208	931	796
Professional, scientific, and controlling instruments [8]	857	1,792	1,951	3,241	3,904	4,289	5,256	5,980	6,003	5,856
Photographic supplies	250	606	703	813	1,073	1,227	1,507	1,501	1,396	1,366
Printed matter	327	548	607	668	812	956	1,097	1,297	1,341	1,324
Other transactions	**1,496**	**3,621**	**3,097**	**4,314**	**5,030**	**9,103**	**8,496**	**8,428**	**6,924**	**7,009**
Firearms of war and ammunition	682	1,361	1,261	1,617	1,951	1,854	2,008	2,165	3,261	3,092
Shipments of $500 or less, estimates	692	1,572	1,190	1,244	1,487	1,796	2,119	2,368	1,698	1,597

[1] Includes revisions not carried to commodity groups; therefore commodity groups will not add to total. [2] Beginning 1977, includes pulp wood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures." [3] Beginning 1977, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." [4] Includes parts for tractors. [5] Beginning 1978, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment." [6] Excludes parts for tractors. [7] Excludes pig iron. [8] Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery."

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly. Also in U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1449. General Imports, by Selected Commodity Groups: 1970 to 1983

[In millions of dollars. Imports are customs *value* basis for years 1982 to present; f.a.s. (free alongside ship) value basis prior to 1982. Totals and subtotals include value of commodities not shown separately. Beginning 1980, includes trade of Virgin Islands with foreign countries. "N.e.c." *means* not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 295-316]

COMMODITY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
General imports	**39,952**	**96,573**	**121,009**	**147,685**	**171,978**	**206,326**	**244,871**	**261,305**	**243,952**	**258,048**
C.i.f. values [1]	*42,429*	*103,389*	*129,565*	*157,560*	*183,093*	*218,927*	*256,984*	*273,952*	*254,894*	*269,878*
Food and live animals	**5,375**	**8,503**	**10,267**	**12,558**	**13,522**	**15,171**	**15,786**	**15,238**	**14,453**	**15,412**
Cattle, except for breeding	111	77	159	186	250	249	228	182	289	301
Meat and preparations	1,014	1,141	1,447	1,276	1,858	2,539	2,346	1,996	2,075	2,034
Meat, fresh or frozen	647	640	840	743	1,242	1,896	1,756	1,150	1,525	1,384
Ham, shoulders, and bacon [2]	241	397	434	386	445	395	336	325	349	399
Fish	794	1,356	1,855	2,056	2,212	2,639	2,612	2,962	*3,143*	*3,594*
Fruits and nuts	447	638	760	957	1,126	1,324	1,245	1,604	1,774	1,172
Bananas	188	220	277	305	350	383	416	542	581	569
Vegetables	289	355	426	593	711	737	802	983	1,042	1,065
Sugar	725	1,865	1,154	1,076	723	974	1,987	2,142	863	1,046
Coffee, green	1,160	1,561	2,632	3,910	3,728	3,820	3,872	2,622	2,730	2,590
Cocoa or cacao beans	201	321	358	482	667	555	395	466	323	349
Tea	53	88	96	176	115	126	131	133	129	132
Beverages and tobacco	**855**	**1,419**	**1,624**	**1,669**	**2,221**	**2,566**	**2,784**	**3,138**	**3,364**	**3,408**
Alcoholic beverages	725	1,033	1,174	1,287	1,744	2,013	2,232	2,399	*2,513*	*2,626*
Tobacco, unmanufactured	111	349	392	322	396	436	422	427	445	464
Crude materials, inedible, except fuels	**3,307**	**5,566**	**7,014**	**8,486**	**9,294**	**10,650**	**10,516**	**11,193**	**8,589**	**9,590**
Hides and skins, except fur skins	51	78	89	97	106	139	88	101	71	64
Fur skins, undressed	59	79	101	122	142	183	143	168	127	126
Rubber, including latex	231	353	513	642	840	1,058	980	980	735	909
Lumber, *softwood*	439	797	1,355	1,972	2,595	2,727	1,984	1,880	1,636	2,590
Lumber, hardwood	61	69	97	124	141	183	145	149	98	127
Woodpulp	480	1,032	1,237	1,213	1,126	1,506	1,725	1,778	1,485	1,470
Textile fibers and wastes	202	174	249	222	248	231	242	343	264	312
Wool and other animal hair	116	73	123	117	147	134	146	210	*152*	*176*
Industrial diamonds	39	42	46	62	69	116	119	118	80	96
Asbestos, unmanufactured	75	117	149	152	162	144	97	*108*	*85*	*58*
Ores and metal scrap	1,149	1,978	2,251	2,742	2,813	3,247	3,715	3,838	2,684	2,498
Iron ore and concentrates	480	864	982	951	845	923	779	951	497	452
Silver ore and base bullion	49	98	75	84	106	166	342	250	176	242
Nonferrous base metals [3]	522	783	895	1,382	1,556	1,672	2,291	1,722	1,552	1,306
Bauxite, crude	165	267	330	426	415	410	432	443	383	250
Mineral fuels and related materials	**3,075**	**26,476**	**33,996**	**44,537**	**42,096**	**60,061**	**82,924**	**81,417**	**65,408**	**57,952**
Petroleum and products	2,764	24,814	31,794	41,756	39,104	56,046	77,637	75,577	59,396	52,325
Petroleum, crude and partly refined	1,448	19,293	26,384	33,910	32,134	46,100	65,717	61,940	45,862	36,809
Petroleum products	1,316	5,521	5,411	7,845	6,970	9,946	11,920	*13,637*	*13,535*	*15,516*
Natural gas	258	1,081	1,619	1,941	2,000	2,765	5,155	5,720	5,934	5,530
Animal and vegetable oils and fats	**160**	**554**	**464**	**531**	**511**	**740**	**533**	**479**	**406**	**495**
Chemicals and related products	**1,450**	**3,696**	**4,772**	**4,970**	**6,430**	**7,485**	**8,593**	**9,446**	**9,493**	**10,779**
Organic chemicals	355	1,027	1,193	1,438	1,735	2,159	2,541	2,974	2,960	3,477
Inorganic chemicals [3]	371	835	937	1,171	1,827	2,059	2,313	2,359	2,645	2,568
Medicinal and pharmaceutical products	87	235	269	313	450	441	509	583	563	703
Fertilizers, manufactured	192	626	683	829	869	976	1,104	*1,181*	*963*	*997*
Machinery and transport equipment	**11,172**	**23,457**	**29,824**	**36,407**	**47,590**	**53,678**	**60,558**	**69,627**	**73,320**	**86,131**
Machinery	5,375	11,970	15,446	18,837	24,752	28,530	32,286	38,546	39,457	46,975
Engines and parts	782	1,615	1,934	2,137	2,886	3,004	1,866	2,251	2,611	3,570
Agricultural machinery	173	474	496	499	489	698	686	639	485	475
Tractors and parts	175	571	554	630	848	1,197	1,049	948	767	924
Office machines	505	1,052	1,341	1,568	2,254	2,500	2,929	3,563	4,299	6,759
Metalworking machinery	164	361	362	435	947	1,123	1,425	1,613	1,468	1,480
Textile and leather machinery	361	518	636	639	877	830	889	974	*924*	1,059
Power machinery and switchgear	247	550	758	970	1,291	1,708	2,039	*2,378*	*2,547*	*2,974*
Telecommunications apparatus	1,102	2,077	3,655	4,954	6,136	6,175	6,716	8,910	9,051	11,278
Electron tubes, transistors, semiconductor devices, and parts	224	899	1,223	1,490	1,942	2,719	3,592	3,959	4,524	5,388
Transport equipment	5,798	11,487	14,378	17,571	22,838	25,148	28,260	31,415	33,863	39,156
Automobiles and parts	5,068	9,921	13,104	15,844	20,631	22,053	24,015	26,113	29,218	34,870
Automobiles, new	3,722	7,124	8,928	10,633	13,646	14,813	16,776	17,540	19,757	22,934
Motorcycles	307	707	485	641	892	908	1,149	1,263	1,019	659
Aircraft and parts	274	519	434	603	602	1,078	1,885	*2,585*	*2,461*	*2,051*
Other manufactured goods	**13,285**	**23,927**	**30,179**	**35,176**	**46,296**	**51,071**	**55,970**	**63,471**	**61,209**	**66,539**
Leather manufactures and dressed furs	118	132	247	236	353	426	393	567	523	582
Rubber tires and tubes	205	475	738	851	923	1,136	1,143	1,331	1,239	1,406
Wood manufactures (excl. furniture)	409	573	827	1,032	1,240	1,391	1,133	1,199	991	1,335
Paper and manufactures	1,087	1,673	2,103	2,402	2,923	3,356	3,587	3,874	3,848	4,216
Newsprint	930	1,427	1,742	1,879	2,101	2,322	2,685	2,871	2,749	2,759
Construction materials [4]	106	186	203	292	472	636	550	565	507	628
Glass, glassware, and pottery	338	531	653	785	1,047	1,097	1,228	1,349	1,351	1,602
Diamonds, excluding industrial	433	730	1,018	1,452	1,979	1,862	2,252	*2,198*	*1,917*	*2,275*

See footnotes at end of table.

No. 1449. General Imports, by Selected Commodity Groups: 1970 to 1983—Continued

[In millions of dollars. See headnote, p. 822]

COMMODITY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Other manufactured goods—Con.										
Metals and manufactures	4,508	8,944	9,898	12,278	15,714	17,457	18,717	22,333	19,227	18,717
Pig iron and ferroalloys	78	558	538	528	573	702	678	863	428	453
Iron and steelmill products	1,952	4,037	3,809	5,302	6,681	6,764	6,692	10,347	9,184	6,336
Bars, rods, shapes, and pilings	486	930	848	1,126	1,365	1,524	1,420	1,747	1,469	1,307
Plates and sheets	906	1,680	1,795	2,708	3,329	3,071	2,505	2,998	2,542	2,993
Steel wire	119	225	211	283	341	320	293	288	242	287
Tubes, pipes, and fittings	349	1,008	792	971	1,376	1,543	2,193	4,836	4,466	1,366
Nonferrous base metals	1,502	2,063	2,941	3,380	4,367	4,678	5,182	5,270	4,018	4,785
Copper	532	419	777	855	1,069	984	1,470	1,279	988	1,341
Nickel	317	456	524	532	676	635	885	868	568	524
Aluminum	238	415	554	766	1,115	1,029	974	1,355	1,336	1,629
Lead	74	49	64	163	173	226	91	90	57	65
Tin	190	315	329	458	598	720	776	644	378	453
Silver, refined bullion	53	274	289	313	325	842	1,329	837	786	1,926
Platinum group metals	98	244	271	252	430	800	1,107	742	512	707
Metal manufactures, n.e.c	825	1,769	2,051	2,503	3,333	3,671	3,732	4,170	4,294	4,504
Textiles, other than clothing	1,135	1,219	1,635	1,736	2,200	2,216	2,499	3,046	2,807	3,225
Textile yarn and thread	223	128	192	225	246	167	194	231	260	355
Cotton fabrics, woven	173	219	390	345	427	380	433	607	489	560
Textile fabrics, woven, exc. cotton [5]	499	433	521	569	719	775	408	572	533	586
Twine and cordage	35	123	82	76	78	112	114	104	82	87
Floor coverings	53	88	120	145	200	264	283	306	277	332
Clothing	1,269	2,562	3,634	4,100	5,657	5,876	6,430	7,537	8,165	9,583
Footwear	629	1,275	1,686	1,808	2,585	2,859	2,809	3,019	3,437	4,010
Professional, scientific, photographic, and controlling instruments [6]	356	726	969	1,292	981	1,159	2,654	3,701	3,132	3,528
Clocks and watches	184	426	627	722	947	946	1,127	1,275	991	1,058
Musical instruments, sound recorders and reproducers, and parts [7]	505	781	1,216	285	423	469	487	621	729	927
Printed matter	160	284	322	340	479	529	613	622	664	739
Articles of plastic and rubber, n.e.c	236	429	602	606	744	871	916	1,006	1,102	1,352
Toys, games, and sporting goods	427	633	903	1,156	1,374	1,591	1,836	2,075	2,698	2,412
Artworks and antiques	162	677	580	720	1,312	1,487	2,672	2,056	2,024	2,017
Other transactions	1,274	2,518	2,538	3,336	4,018	4,905	7,225	7,296	7,708	7,742

[1] Value on a cost, insurance, and freight basis: cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 is estimated. [2] Canned, cooked, and boned. [3] Prior to 1977, alumina is included under chemicals; thereafter, classified in crude materials. [4] Materials of lime, cement, and clay. [5] Excludes narrow or special fabrics. [6] Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, photographic, and controlling instruments"; prior to 1977, classified under "Machinery." [7] Beginning 1977, sound recorders included in "Machinery."

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly. Also in U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1450. Imports for Consumption—Values and Duties: 1950 to 1983

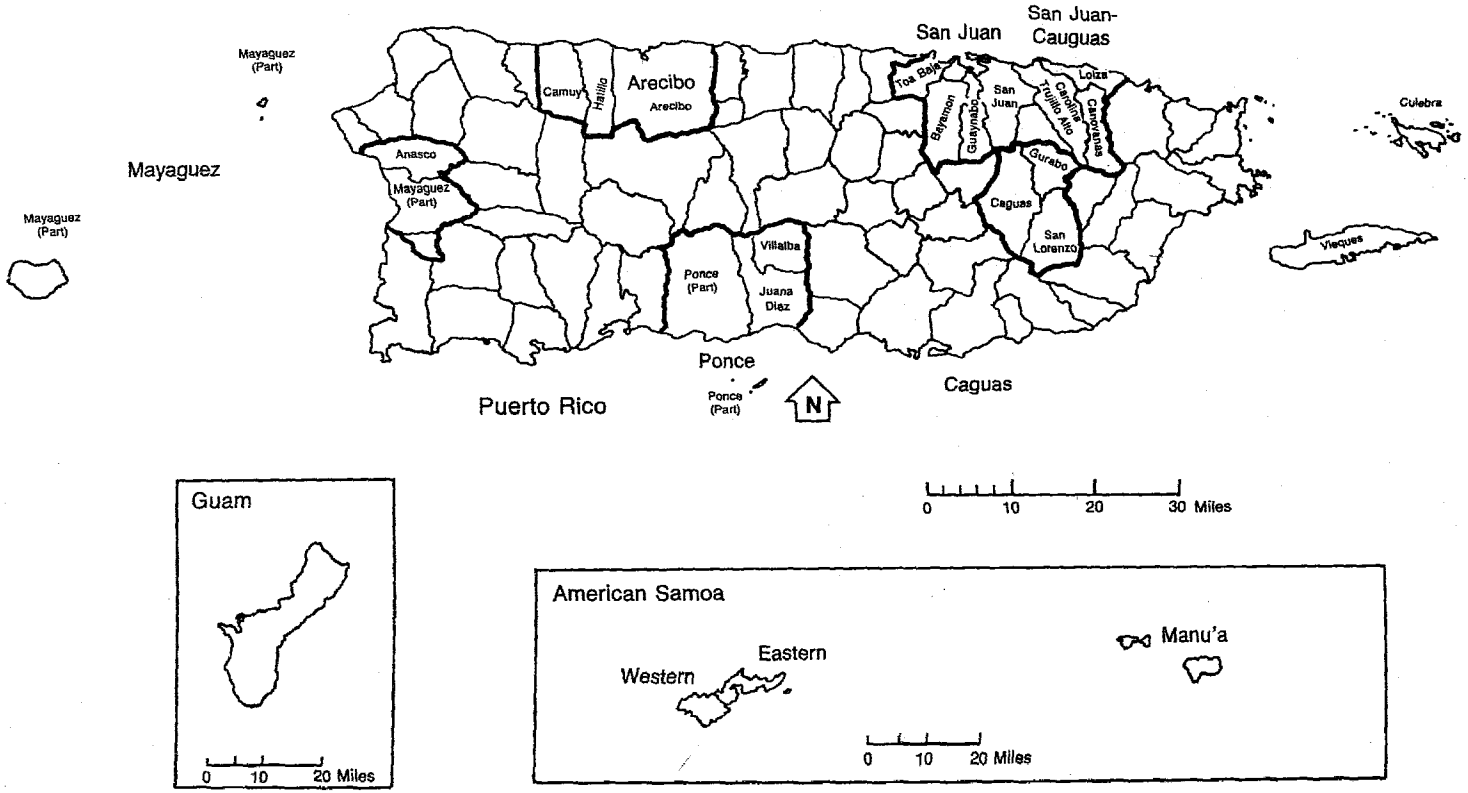
[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion, and beginning 1980, includes trade of Virgin Islands with foreign countries. For basis of dollar values and for area coverage, see text, p. 799. See also *Historical Statistics, Colonial Times to 1970*, series U 207–212]

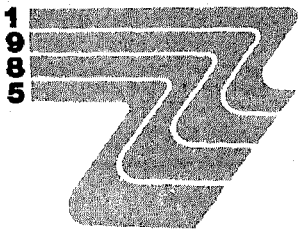
YEAR	VALUES				Duties calculated [1] (mil. dol.)	RATIO OF DUTIES TO VALUES		Duties per capita [2] (dollar)
	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free		Total imports (percent)	Dutiable imports (percent)	
1950	8,743	4,767	3,976	55	522	6	13	3.43
1955	11,337	6,037	5,300	53	633	6	12	3.82
1960	14,650	5,780	8,870	39	1,084	7	12	6.00
1965	21,283	7,434	13,849	35	1,643	8	12	8.46
1970	39,756	13,870	25,886	35	2,584	6	10	12.60
1971	45,516	15,286	30,230	34	2,767	6	9	13.32
1972	55,290	18,915	36,375	34	3,124	6	9	14.88
1973	69,024	28,258	40,766	41	3,620	5	8	17.08
1974	100,140	52,052	48,088	52	3,771	4	8	17.63
1975	96,516	31,030	65,486	32	3,780	4	6	17.50
1976	121,121	37,190	83,931	31	4,675	4	6	21.44
1977	147,075	43,633	103,442	30	5,485	4	5	24.91
1978	[3] 172,912	51,827	121,125	30	7,162	4	6	32.17
1979	[3] 205,650	103,278	102,645	50	7,202	3	7	31.99
1980	[3] 244,007	106,992	132,951	45	7,535	3	6	33.09
1981	259,012	76,338	182,674	29	8,893	3	5	38.67
1982	242,340	75,856	166,484	31	8,688	4	5	37.40
1983	256,679	83,397	173,283	32	9,430	4	5	40.21

[1] 1950 and 1955 data from U.S. Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses. [2] Based on estimated population including Armed Forces abroad as of July 1. [3] Total includes revisions not carried to free and dutiable values.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

Figure 32.1
Selected U.S. Outlying Areas Map.





Section 32

Outlying Areas Under Jurisdiction of the United States

This section presents summary economic and social statistics for the Commonwealth of Puerto Rico, the principal territories of the United States (Virgin Islands, Guam, and American Samoa) and, wherever possible, the Trust Territory of the Pacific Islands and the Northern Mariana Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, manufactures, and construction (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States,* issued by the National Center for Health Statistics; and the annual *Income and Product* of the Puerto Rico Planning Board, San Juan.

Jurisdiction.—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam,* surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. Puerto Rico became a commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands,* comprising 50 islands and cays, were purchased by the United States from Denmark in 1917. *American Samoa,* a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in February 1900.

The *Trust Territory of the Pacific Islands* comprises 2,141 atolls and islands, about 96 of which are inhabited. By an agreement approved by the Security Council and the United States in 1947, this territory, formerly under Japanese mandate, has been administered by the United States since July 1947 under the United Nations trusteeship system. The Northern Mariana Islands are in the process of becoming a Commonwealth. Some data, formerly included in the *Trust Territory* of the Pacific Islands, are now shown separately. The other districts of the Trust Territory are negotiating relationships of free association with the United States. Where negotiations are completed, subject to the approval of the U.S. Congress and the United Nations, the trusteeship will be dissolved.

For a brief summary of U.S. territorial development, see tables 5 and 327.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing also excluded American Samoa. The 1970 and 1980 Censuses of Population and Housing covered all five areas. The 1959 and 1969 Censuses of Agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964, 1974, and 1982 censuses covered the same areas except American Samoa; and the 1978 census covered the same areas including American Samoa and the Northern Mariana Islands. Beginning in 1967, Congress authorized the economic censuses, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1967, the census of construction industries was added for the first time in Puerto Rico; in 1972 Virgin Islands and Guam were covered. Beginning 1982, the economic censuses covered the Northern Mariana Islands.

Information in other sections.—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract.* See "Outlying areas of the United States" in the index. For definition and explanation of terms used, see section 1, Population; section 5, Education; section 24, Agriculture; section 28, Construction and Housing; section 29, Manufactures; and section 30, Domestic Trade and Services.

No. 1451. Estimated Resident Population, by Area: 1950 to 1983

[In thousands. As of July 1. Includes estimates of Armed Forces stationed in area]

AREA	1950	1960	1970	1975	1980	1983	AREA	1950	1960	1970	1975	1980	1983
Puerto Rico	2,218	2,362	2,716	2,933	3,206	3,267	Trust Territory of the Pacific Islands [1 2]	57	77	89	105	116	124
American Samoa	19	20	27	30	32	34							
Guam	60	66	86	102	107	116	No. Mariana Is. [1 2]	(NA)	(NA)	12	15	17	18
Virgin Islands	27	32	63	94	98	104							

NA Not available. [1] Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas and 114,982 for the Trust Territory. (Excludes 4,462 for Kwajalein Missile Range Facility and 269 with residence not specified.) [2] Prior to 1970, the Trust Territory estimates include the Northern Mariana Islands; beginning with 1970, they exclude them.

Source: U.S. Bureau of the Census, Current Population Reports, series P-25, Nos. 80, 336, 943, and 960.

No. 1452. Estimates of Components of Population Change, by Area: 1970 to 1980 and 1980 to 1983

[In thousands, except percent. Resident population, including Armed Forces stationed in area. See table 1453 for population totals. Minus sign (–) indicates decrease. For explanation of methodology, see source]

AREA	APRIL 1, 1970 TO APRIL 1, 1980					APRIL 1, 1980 TO JULY 1, 1983				
	Net change		Births	Deaths	Net migration [1]	Net change		Births	Deaths	Net migration [1]
	Number	Percent				Number	Percent			
Puerto Rico	484.5	17.9	744.0	193.7	–65.9	70.3	2.2	229.0	68.7	–90.0
American Samoa	5.1	18.9	10.6	1.4	–4.1	2.2	6.8	3.7	.5	–1.1
Guam	21.0	24.7	30.7	4.1	–5.7	10.4	9.8	9.5	1.4	2.2
Virgin Islands	34.1	54.6	26.6	5.0	12.5	7.2	7.5	8.1	1.7	.8
Trust Territory of the Pacific Islands [2 3]	27.6	31.2	36.0	5.3	(4)	7.9	6.8	11.7	1.6	(4)
No. Mariana Islands [2]	4.6	37.5	5.3	.9	(4)	1.4	8.6	2.0	.3	(4)

[1] Includes error of closure (the amount necessary to make the components of change add to the net change between censuses). [2] See footnote 1, table 1451. [3] Census taken September 15, 1980. Periods covered are April 1, 1970—September 15, 1980 and September 15, 1980—July 1, 1983. [4] Migration is derived as a residual. Because part of the residual migration in these areas reflects under-registration of vital statistics, migration figures are not shown.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 943, and 960.

No. 1453. Population, by Age and Area, 1960 to 1980, and by Sex, 1980

[In thousands, except median age. As of **April 1, except as indicated.** For definition of median, see Guide to Tabular Presentation]

AREA, YEAR, AND SEX	Total, all ages	Under 5 yr.	5–13 yr.	14–17 yr.	18–20 yr.	21–24 yr.	25–34 yr.	35–44 yr.	45–54 yr.	55–64 yr.	65 yr. and over	18 yr. and over	Median age (years)
Puerto Rico: 1960	2,349.5	354.4	586.7	220.8	123.6	134.1	262.9	238.0	180.8	123.9	122.2	1,185.6	18.5
1970, total	2,712.0	318.1	605.5	251.0	158.7	182.8	339.3	274.0	227.5	178.0	177.1	1,537.4	21.6
1980, total	3,196.5	340.7	597.0	283.4	184.3	213.6	465.9	359.9	274.8	224.5	252.6	1,975.5	24.6
Male	1,556.7	173.2	304.1	143.3	89.9	101.0	218.2	169.5	129.5	107.8	120.1	936.1	23.7
Female	1,639.8	167.4	292.9	140.1	94.4	112.5	247.7	190.4	145.3	116.7	132.4	1,039.4	25.5
American Samoa: 1960	20.1	3.7	5.7	2.1	1.0	1.1	2.3	1.8	1.2	.7	.5	6.6	15.2
1970, total	27.2	4.7	7.5	2.6	1.6	1.6	3.2	2.4	1.8	1.0	.7	12.3	16.1
1980, total	32.3	4.8	7.6	3.2	2.2	2.3	4.5	3.1	2.3	1.4	.9	16.7	16.6
Male	16.4	2.5	4.0	1.6	1.0	1.1	2.2	1.7	1.2	.7	.5	8.3	16.4
Female	15.9	2.3	3.6	1.6	1.2	1.3	2.3	1.4	1.1	.7	.5	8.4	19.2
Guam: 1960	67.0	10.8	15.2	3.6	4.3	5.0	12.2	8.6	4.4	1.9	1.1	37.4	20.8
1970, total	85.0	11.6	20.1	6.8	5.4	8.0	12.6	10.3	5.8	2.8	1.5	46.4	20.4
1980, total	106.0	13.0	21.7	8.9	6.7	8.8	19.6	11.3	8.2	4.8	3.0	62.4	22.3
Male	55.3	6.6	11.1	4.6	3.8	4.7	10.0	6.0	4.4	2.6	1.4	33.0	22.4
Female	50.7	6.4	10.6	4.3	2.9	4.1	9.6	5.3	3.8	2.2	1.6	29.4	22.1
Virgin Islands: 1960	32.1	4.9	7.1	2.7	1.4	1.7	3.9	3.5	2.8	1.9	2.2	17.3	20.7
1970, total	62.5	8.3	12.8	4.4	3.2	4.9	11.4	7.1	5.0	3.0	2.4	37.0	23.0
1980, total	96.6	10.7	21.4	9.7	4.7	5.1	14.8	12.6	7.6	5.5	4.5	54.8	22.5
Male	46.2	5.4	10.7	4.8	2.2	2.2	6.6	6.0	3.6	2.6	2.0	25.3	21.1
Female	50.4	5.3	10.7	4.9	2.4	2.9	8.2	6.6	4.1	2.9	2.5	29.4	23.6
Trust Territory of the Pacific Islands:													
1970, total	81.3	13.8	20.9	7.9	4.7	4.6	8.4	7.6	6.2	3.9	3.0	38.6	17.1
1980, total [1]	116.1	21.0	30.4	10.5	7.0	7.8	15.1	8.0	6.7	5.4	4.2	54.2	18.5
Male [1]	59.5	10.9	15.9	5.4	3.6	3.8	7.8	4.0	3.4	2.7	2.0	27.3	18.1
Female [1]	56.6	10.0	14.5	5.2	3.4	4.0	7.4	4.0	3.3	2.6	2.2	26.9	16.9
Northern Mariana Islands:													
1970, total	9.6	1.8	2.7	1.0	.6	.6	.9	.7	.6	.4	.2	4.1	15.2
1980, total	16.8	2.5	3.9	1.5	.9	1.2	2.8	1.7	1.2	.7	.5	8.9	19.7
Male	8.8	1.3	2.0	.7	.5	.6	1.5	1.0	.7	.4	.2	4.9	20.9
Female	8.0	1.2	2.0	.8	.5	.6	1.3	.6	.4	.3	.3	4.0	18.5

[1] As of September 15, 1980.

Source: U.S. Bureau of the Census, Census of Population: 1960, vol. I; 1970, vol. I, Characteristics of the Population, parts 53–58; and 1980, vol. 1, Chapter B, Characteristics of the Population, parts 53–57b.

No. 1454. Land Area and Population Characteristics, by Area: 1980

[As of April 1. See also table 327 for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
Land area (sq. miles)	3,459	77	209	132	533	184
Total resident population	**3,196,520**	**32,297**	**105,979**	**96,569**	**116,149**	**16,780**
Per square mile	924.1	419.4	507.1	731.6	217.9	91.2
Percent increase, 1970–1980	17.9	18.9	24.7	54.6	42.9	74.1
Urban	2,134,365	5,660	41,875	37,730	35,153	2,678
Rural	1,062,155	26,637	64,104	58,839	80,996	14,102
Male	1,556,727	16,384	55,321	46,204	59,527	8,817
Female	1,639,793	15,913	50,658	50,365	56,622	7,963
Males per 100 females	94.9	103.0	109.2	91.7	105.1	110.7
Median age (years)	24.6	18.8	22.3	22.5	16.5	19.7
Male (years)	23.7	18.4	22.4	21.1	16.1	20.9
Female (years)	25.5	19.2	22.1	23.6	16.9	18.5
School years completed, persons 25 years old and over	1,577,682	12,184	46,906	44,986	39,417	6,760
Elementary: 0–8 years	753,742	4,360	9,973	15,997	27,394	2,886
High school:						
1–3 years	200,269	2,697	6,157	6,475	3,792	851
4 years or more	332,770	3,108	14,653	11,543	4,688	1,543
College	290,901	2,019	16,123	10,971	3,543	1,480
Marital status, persons 15 years old and over	**2,187,246**	**19,090**	**69,007**	**61,791**	**61,795**	**9,975**
Single	613,024	7,406	20,675	22,376	19,792	3,462
Married [1]	1,320,193	10,571	44,041	32,204	37,783	5,977
Widowed or divorced	254,029	1,113	4,291	7,211	4,220	536
Households and families:						
Population in households	3,176,511	31,963	101,000	95,949	115,039	16,234
Number of households	636,565	4,513	24,834	28,329	16,432	3,028
Population per household	4.99	7.08	4.07	3.39	7.00	5.36
Families	753,936	4,287	21,780	20,855	15,578	2,652
Husband-wife families	580,326	3,475	18,473	13,612	12,363	2,113

[1] Includes consensually married couples and separated couples.

Source: U.S. Bureau of the Census, unpublished data.

No. 1455. Population, by Place of Birth, and Period of Immigration of Foreign-Born—Area: 1980

[As of April 1, except as of Sept. 15 for Trust Territory of the Pacific Islands]

ITEM	American Samoa	Guam	Northern Mariana Islands	Trust Territory of the Pacific Islands	Virgin Islands
Total resident population	**32,297**	**105,979**	**16,780**	**116,149**	**96,569**
Born in this area	18,586	52,113	11,993	112,443	43,234
Percent of total	57.5	49.2	71.5	96.8	44.8
Born in the United States	2,189	22,950	553	424	11,964
Born in other outlying area:					
American Samoa	(X)	32	9	12	(NA)
Guam	8	(X)	522	85	(NA)
Northern Mariana Islands	–	2,124	(X)	128	(NA)
Trust Territory of the Pacific Islands	16	1,396	1,543	(X)	(NA)
Puerto Rico	(NA)	(NA)	(NA)	(NA)	4,993
Born in Asia [1]	268	22,648	1,915	478	549
Japan and Okinawa	23	1,883	197	80	(NA)
Philippines	38	16,998	1,564	335	74
Western Samoa	9,686	14	2	5	(NA)
Born elsewhere	1,275	1,431	79	307	30,464
Place of birth not reported	269	3,271	164	2,268	5,365
Born outside this area	13,442	50,595	4,623	1,438	[2] 30,731
Immigrated:					
1975–1980	7,168	32,159	2,916	863	7,080
1970–1974	2,715	8,782	1,027	282	7,054
1960–1969	2,405	6,342	398	182	13,566
Before 1960	1,154	3,312	282	111	3,031

– Represents or rounds to zero. NA Not available. X Not applicable. [1] Includes other areas, not shown separately.
[2] Excludes 4,993 persons born in Puerto Rico; 11,964 born in the United States; and 282 born abroad of American parents.

Source: U.S. Bureau of the Census, unpublished data.

No. 1456. Vital Statistics—Specified Areas: 1950 to 1981

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1950, 1960, 1970, and 1980 based on population enumerated as of April 1; for all other years, on population estimated as of July 1]

Area and year	Births		Deaths		Infant deaths		Marriages		Divorces [3]	
	Number	Rate [1]	Number	Rate [1]	Number	Rate [2]	Number	Rate [1]	Number	Rate [1]
Puerto Rico:										
1950	66,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1955	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.1
1960	76,914	32.5	15,791	6.7	3,307	43.3	[4] 20,212	[4] 8.6	5,218	2.2
1965	79,608	30.2	17,686	6.7	3,406	42.8	25,184	9.6	10,519	4.0
1970	67,628	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,688	3.6
1975	69,702	23.8	17,805	6.1	1,335	19.2	32,731	11.2	12,985	4.4
1976	71,888	23.8	19,286	6.4	1,437	20.0	33,741	11.2	12,357	4.1
1977	75,191	24.4	19,778	6.4	1,514	20.1	34,541	11.2	12,085	3.9
1978	75,117	24.1	19,812	6.4	1,391	18.5	34,048	10.9	12,392	4.0
1979	73,761	23.3	20,271	6.4	1,457	19.8	33,072	10.4	13,471	4.3
1980	72,986	22.8	20,413	6.4	1,351	18.5	33,167	10.4	15,276	4.8
1981	71,300	21.9	21,085	6.5	1,316	18.5	31,892	9.8	14,247	4.4
Guam:										
1965	2,523	32.8	336	4.4	82	32.5	471	6.2	53	.7
1970	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1975	3,156	30.9	427	4.2	65	20.6	1,861	18.2	196	1.9
1976	3,038	29.6	446	4.4	55	18.1	1,538	15.0	275	2.7
1977	2,989	29.5	361	3.6	45	15.1	(NA)	(NA)	(NA)	(NA)
1978	2,888	28.3	396	3.9	45	15.6	1,769	17.3	361	3.5
1979	2,929	28.2	354	3.4	31	10.5	(NA)	(NA)	(NA)	(NA)
1980	2,945	27.6	393	3.7	43	14.6	(NA)	(NA)	(NA)	(NA)
1981	2,949	26.8	385	3.5	30	10.2	(NA)	(NA)	(NA)	(NA)
Virgin Islands:										
1950	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1955	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4.2
1965	1,998	46.2	416	9.6	80	30.0	595	13.7	249	5.7
1970	2,898	46.8	469	7.9	72	24.6	1,149	18.4	270	4.3
1975	2,372	25.1	477	5.0	62	26.1	1,064	11.3	353	3.7
1976	2,343	24.4	447	4.6	68	29.0	933	9.7	399	4.1
1977	2,373	25.5	380	4.1	55	23.2	919	9.9	442	4.7
1978	2,524	26.3	461	4.8	54	21.4	1,131	11.8	484	5.0
1979	2,389	24.8	476	4.9	53	21.2	1,067	11.1	410	4.3
1980	2,504	25.9	504	5.2	61	24.4	1,112	11.5	478	4.9
1981	2,442	24.6	547	5.5	55	22.5	1,092	11.0	408	4.1

NA Not available. [1] Per 1,000 population. [2] Per 1,000 live births. [3] Includes reported annulments.
[4] Data are incomplete.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; Statistical Office of the United Nations, New York, NY, *Demographic Yearbook* 1969, 1974, and 1977 (copyright); and Department of Public Health and Social Services, Government of Guam, *Statistical Report—1978*.

No. 1457. Public Elementary and Secondary Schools, by Areas: 1980

[For school year, unless otherwise indicated]

Item	Puerto Rico	American Samoa	Guam	Virgin Islands	Commonwealth of the Northern Marianas
Enrollment, fall	**712,880**	**9,647**	**26,420**	**25,201**	[1] **4,407**
Elementary (kindergarten-grade 8)	521,865	7,174	19,603	19,716	[1] 3,267
Secondary (grades 9-12 and post graduates)	191,015	2,473	6,817	5,485	[1] 1,140
Average daily attendance	(NA)	(NA)	**25,814**	**23,304**	**4,240**
Percent of enrollment	(NA)	(NA)	93.6	91.2	96.2
Professional staff, fall	**36,754**	**737**	**1,799**	**1,967**	(NA)
Official/administrative	1,750	75	76	116	(NA)
Professional/educational	33,027	643	1,581	1,719	(NA)
Teachers	31,964	559	1,466	1,567	(NA)
Professional/other	1,977	19	142	132	(NA)
Average salary for classroom teachers (dol.)	(NA)	(NA)	15,000	13,575	7,641
Average salary for other professional educational staff (dol.)	(NA)	(NA)	16,000	16,882	8,542
Total estimated expenditures ($1,000)	(NA)	(NA)	**41,294**	**48,317**	**9,324**
Current expenditures [2] ($1,000)	(NA)	(NA)	31,327	43,757	5,997
Per pupil [3] (dol.)	(NA)	(NA)	1,214	1,878	1,414
Other current expenditures [4] ($1,000)	(NA)	(NA)	–	2,535	403
Capital outlay ($1,000)	(NA)	(NA)	9,967	2,025	2,924
Per pupil [3] (dol.)	(NA)	(NA)	386	87	690

– Represents zero. NA Not available. [1] 1979 data. [2] Public elementary and secondary day schools.
[3] Annual expenditures per pupil in average daily attendance. [4] Community services, summer schools, adult education, and community colleges.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day School Systems*, and unpublished data.

NO. 1458. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1980, AND PERCENT DISTRIBUTION BY FAMILY INCOME CLASS, 1979, BY AREA

ITEM	Puerto Rico [1]	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
SCHOOL ENROLLMENT, 1980						
Total enrolled, 3 years old and over	**971,592**	**12,842**	**36,002**	**34,934**	**35,882**	**5,479**
Elementary (grades 1-8), total [2]	**616,438**	**8,695**	**23,303**	**25,642**	**27,861**	**4,102**
Public	542,955	7,452	20,061	20,576	24,738	3,576
Private	73,483	1,243	3,242	5,066	3,123	526
High school (4 years), total	**220,477**	**3,224**	**8,562**	**7,275**	**6,667**	**1,281**
Public	200,118	2,759	7,580	5,856	5,702	1,149
Private, total	20,359	465	982	1,419	965	132
College, total	**134,677**	**923**	**4,137**	**2,017**	**1,354**	**96**
Public	103,650	831	3,888	1,897	1,258	80
EMPLOYMENT STATUS, 1980						
Total persons, 16 years old and over	**2,114,673**	**18,319**	**66,773**	**59,310**	**59,227**	**9,599**
In labor force	869,856	8,329	44,484	38,082	17,099	6,102
Percent of total	41.1	45.5	66.6	64.2	28.9	63.6
Armed Forces	4,137	21	10,125	84	13	13
Civilian labor force	865,719	8,308	34,359	37,998	17,086	6,089
Employed	733,922	8,106	32,692	35,652	14,559	5,941
Unemployed	131,797	202	1,667	2,346	2,527	148
Percent of civilian labor force	15.2	2.4	4.9	6.2	14.8	2.4
Not in labor force	1,244,817	9,990	22,289	21,228	42,128	3,497
FAMILY INCOME, 1979						
Families, 1980	**757,645**	**4,287**	**21,780**	**20,855**	**15,578**	**2,652**
Percent distribution, by income class	100.0	100.0	100.0	100.0	100.0	100.0
Less than $1,000	11.3	6.1	2.1	3.2	41.6	4.4
$1,000–$2,499	12.4	4.3	1.7	3.4	15.9	5.9
$2,500–$4,999	19.7	14.2	3.7	7.8	17.6	17.8
$5,000–$7,499	17.5	16.8	6.6	14.3	9.4	16.1
$7,500–$9,999	10.9	12.9	9.8	12.4	5.2	13.7
$10,000–$14,999	13.3	18.4	21.1	19.8	5.0	16.9
$15,000–$24,999	10.3	16.7	28.4	22.3	3.6	14.7
$25,000 or more	4.6	10.7	26.6	16.7	1.7	10.4
Median income [3] (dol.)	**5,923**	**9,615**	**16,203**	**11,914**	**2,804**	**[4] 8,809**

[1] Data based on sample and subject to sampling variability, see Appendix III. [2] Includes nursery and kindergarten. [3] For definition of median, see Guide to Tabular Presentation. [4] Excludes those with no income.

Source: U.S. Bureau of the Census, unpublished data.

NO. 1459. FEDERAL DIRECT PAYMENTS FOR INDIVIDUALS BY SELECTED PROGRAM AND AREA: 1982 AND 1983

[In thousands of dollars. For fiscal years, except as noted]

PROGRAM PAYMENTS	1982					1983				
	American Samoa	Guam	Puerto Rico	Trust Territory	Virgin Islands	American Samoa	Guam	Puerto Rico	Trust Territory	Virgin Islands
Total	**6,855**	**42,528**	**2,714,871**	**2,019**	**56,491**	**8,228**	**52,056**	**2,274,937**	**4,316**	**66,848**
Pell Grants [1]	–	757	135,509	–	310	225	454	178,137	1,337	499
Medicare: Hospital Insurance	–	–	107,749	–	–	–	–	110,241	–	–
Supplemental Medical Insurance	–	–	63,878	–	–	–	–	70,126	–	–
Social Security: Disability Insurance	836	1,236	442,050	20	2,839	976	1,144	455,665	16	2,987
Retirement Insurance	1,955	4,148	622,824	141	17,353	2,360	5,200	700,095	148	19,837
Survivors Insurance	1,886	3,487	291,338	99	7,153	1,921	3,541	290,751	126	7,185
Veterans: Pension and Disability	1,079	2,112	226,618	–	1,860	1,147	2,415	218,508	–	787
Education Assistance	302	602	10,943	–	84	244	599	11,417	1	55
Federal Retirement and Disability	738	13,020	105,866	202	5,681	1,202	18,432	112,031	274	6,525
Food Stamps	–	18,703	671,198	–	19,844	–	18,114	[2] –12	–	23,402
Other	59	463	36,898	1,557	1,367	153	2,157	127,978	2,414	5,571

– Represents or rounds to zero. [1] Outlays for the academic year. [2] Represents payments under the Nutritional Assistance Grant Program. Minus sign indicates adjustment to prior year data.

Source: U.S. Bureau of the Census, *Federal Expenditures by State*, annual.

No. 1460. Puerto Rico—Summary: 1950 to 1983

Item	Unit	1950	1960	1970	1975	1977	1978	1979	1980	1981	1982	1983 [1]
POPULATION												
Population [2]	1,000	2,218	2,360	2,722	2,939	3,074	3,122	3,161	3,206	3,247	3,263	3,267
Persons per family	Number	5.1	4.8	4.1	3.7	4.0	3.8	3.8	3.7	3.7	3.7	3.7
EDUCATION [3]												
Enrollment, total	1,000	(NA)	737.6	925.8	977.9	1,013.4	1,027.9	1,019.2	1,028.2	1,043.9	1,044.3	(NA)
Public day school	1,000	408.1	573.4	672.3	704.1	721.8	727.7	721.4	716.1	712.9	711.7	708.7
Other public	1,000	(NA)	76.4	103.9	83.7	87.1	86.3	82.9	85.6	100.6	95.6	92.3
Private schools	1,000	(NA)	63.3	92.3	95.7	95.7	97.3	93.4	99.4	98.5	102.4	(NA)
College and university	1,000	12.6	24.5	57.3	94.4	108.9	116.5	121.4	127.0	131.9	134.5	143.6
Expenses	Mil. dol	37.8	87.4	288.8	427.7	541.8	700.7	768.6	818.1	945.7	1,010.0	1,015.7
As percent of GNP	Percent	5.0	5.2	6.2	6.0	6.6	7.8	7.6	7.4	7.8	8.0	7.9
Public	Mil. dol	31.0	74.1	254.6	334.8	400.2	537.0	585.3	612.2	716.2	749.7	737.2
Private	Mil. dol	6.8	13.3	34.2	92.9	141.6	163.7	183.3	205.9	229.5	260.3	278.5
LABOR FORCE [4]												
Total [5]	1,000	686	625	765	825	864	889	891	907	925	918	918
Employed [6]	1,000	596	542	686	699	691	722	735	753	759	719	703
Agriculture [7]	1,000	216	125	68	48	40	37	36	40	38	35	37
Manufacturing	1,000	55	81	132	130	135	145	146	143	141	134	131
Trade	1,000	90	97	128	134	136	139	141	138	142	141	136
Government	1,000	45	62	106	143	157	167	173	184	185	171	170
Unemployed	1,000	88	82	79	125	173	167	156	154	166	199	215
Unemployment rate [8]	Rate	13	13	10	15	20	19	18	17	18	22	23
Compensation of employees	Mil. dol	388.9	928.9	2,800.2	4,838.2	5,388.0	5,847.7	6,528.8	7,217.6	7,855.5	7,972.3	8,032.6
Avg. compensation	Dollar	653	1,711	4,082	6,922	7,797	8,099	8,883	9,584	10,350	11,088	11,426
Salary and wages	Mil. dol	377.7	872.0	2,554.5	4,320.9	4,790.1	5,210.7	5,772.4	6,341.0	6,900.8	6,984.2	7,015.0
INCOME [9]												
Personal income:												
Current dollars	Mil. dol	653	1,374	3,753	6,861	8,292	9,021	9,893	10,932	12,100	12,688	12,733
Constant (1954) dollars	Mil. dol	763	1,240	2,654	3,381	3,715	3,874	4,028	3,947	3,965	3,934	3,826
Disposable personal income:												
Current dollars	Mil. dol	638	1,334	3,565	6,480	7,770	8,554	9,357	10,333	11,432	11,969	12,009
Constant (1954) dollars	Mil. dol	745	1,204	2,521	3,194	3,481	3,673	3,810	3,730	3,746	3,711	3,611
Average family income:												
Current dollars	Dollar	1,495	2,812	5,674	8,710	10,888	11,066	11,966	12,702	13,871	14,419	14,430
Constant (1954) dollars	Dollar	1,752	2,539	4,013	4,292	4,880	4,750	4,672	4,573	4,547	4,473	4,336
BANKING [10]												
Assets	Mil. dol	339	705	3,322	6,642	8,676	9,736	10,534	10,223	14,163	15,605	18,435
Debits	Mil. dol	319	835	2,548	6,930	8,237	8,106	8,039	13,399	16,780	18,701	24,098
Personal checking	Mil. dol	(NA)	(NA)	1,999	5,714	6,798	6,510	6,040	11,206	14,773	16,640	21,917
Personal savings	*Mil. dol*	(NA)	(NA)	94	166	251	295	320	423	475	800	759
Government accounts	Mil. dol	(NA)	(NA)	454	1,049	1,188	1,301	1,679	1,770	1,531	1,261	1,422
TOURISM [9]												
Number of visitors	1,000	54.5	347.4	1,088.4	1,329.1	1,337.2	1,465.8	1,620.2	1,627.4	1,573.4	1,563.7	1,529.8
Visitor expenditures	Mil. dol	6.8	58.1	235.4	372.7	414.3	478.6	560.9	615.0	649.7	699.2	690.9
Average per visitor	Dollar	105	167	216	280	310	327	346	378	413	447	452
Net income from tourism	Mil. dol	1.7	19.4	89.8	117.2	133.9	154.5	174.6	199.3	208.9	216.0	217.6

NA Not available. [1] Preliminary. [2] As of July 1. [3] Enrollment for the first school month. Expenses for school year ending in year shown. [4] Annual average of monthly figures. For fiscal years. [5] Beginning 1977, for population 16 years old and over; prior to 1977, for population 14 years and over. [6] Includes other employment, not shown separately. Beginning 1978, *for population 16 years old and over; prior to 1978, for population 14 years and over.* [7] Includes forestry and fisheries. [8] Percent unemployed of the labor force. [9] For fiscal years. [10] As of June 30.

Source: Puerto Rico Planning Board, San Juan, PR, *Income and Product,* annual, and *Socioeconomics Statistics,* annual.

No. 1461. Puerto Rico—Employment Status, 1960 to 1983, and by Sex, 1983

[In thousands of persons 14 years old and over except, beginning 1978, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

Employment status	1960	1965	1970	1975	1976	1979	1980	1981	1982	1983		
										Total	Male	Female
Total	**1,368**	**1,555**	**1,743**	**1,983**	**2,017**	**2,067**	**2,116**	**2,166**	**2,216**	**2,251**	**1,065**	**1,186**
In the labor force	635	698	777	826	891	897	916	925	912	942	620	322
Employed	558	617	693	676	730	745	758	742	704	722	455	267
Working	525	585	657	630	686	699	712	695	664	683	434	249
35 hours or more [1]	406	470	569	460	533	509	535	465	470	498	326	172
Less than 35 hours [2]	119	115	88	175	153	190	177	230	194	185	108	77
Not working	33	31	35	45	44	45	48	47	40	39	21	18
Unemployed	77	81	84	150	161	153	156	184	208	220	165	55
Percent	12.1	11.6	10.7	18.1	18.0	17.0	17.0	19.8	22.8	23.4	26.7	17.0
Not in labor force	734	856	966	1,157	1,126	1,169	1,200	1,241	1,303	1,309	445	864

[1] Prior to 1970, 30 hours or more. [2] Prior to 1970, less than 30 hours.

Source: Puerto Rico Dept. of Labor and Human Resources, Bureau of Labor Statistics, San Juan, PR.

No. 1462. Puerto Rico—Gross Product and Imports: 1970 to 1983

[In millions of dollars, except percent change. For years ending June 30. Minus sign (–) indicates decrease]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Gross Commonwealth Product	**4,688**	**7,164**	**7,556**	**8,174**	**8,994**	**10,061**	**11,074**	**12,190**	**12,627**	**12,908**
Average annual percent change [1]	11.1	8.9	5.2	8.2	10.0	11.9	10.1	10.1	3.6	2.2
Sales of domestic production and imports	8,440	14,504	15,694	17,299	19,189	21,831	24,801	27,408	27,636	28,304
Goods and services to P.R. users	5,964	10,163	11,056	11,499	12,877	14,019	15,702	16,889	16,069	16,942
Consumers	3,747	6,461	7,486	8,292	9,140	9,913	10,976	12,123	12,414	13,011
Commonwealth and municipal govts.	765	1,614	1,613	1,729	1,867	2,055	2,281	2,501	2,418	2,521
Construction	989	1,499	1,295	1,004	1,134	1,200	1,303	1,377	1,236	1,033
Producers durable equipment [2]	413	451	524	536	611	674	736	762	542	603
Changes in inventories	50	139	138	–61	125	176	407	125	–542	–226
Goods and services to rest of world	2,476	4,340	4,639	5,799	6,313	7,812	9,098	10,519	11,567	11,362
Other investments [3]	–	129	17	20	1	13	13	1	9	6
Less: Imports of goods and services	3,752	7,449	8,155	9,145	10,196	11,783	13,739	15,219	15,019	15,402

– Represents zero or rounds to zero. [1] Change from previous year shown; for 1970, change from 1960. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Beginning 1975, includes the Puerto Rico Telephone Authority. [3] Includes investments by Puerto Rico Maritime Shipping Authority.

Source: Puerto Rico Planning Board, San Juan, PR, *Income and Product*, annual, and unpublished data.

No. 1463. Puerto Rico—Net Income, by Industrial Origin: 1970 to 1983

[In millions of dollars. For years ending June 30]

INDUSTRY	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
All industries	**3,668**	**6,094**	**6,373**	**6,808**	**7,551**	**8,322**	**9,213**	**9,947**	**10,350**	**10,600**
Agriculture	178	315	369	344	450	443	466	430	460	435
Manufacturing	958	1,987	2,474	2,841	3,399	3,996	4,809	5,220	5,406	5,765
Chemicals and allied products	109	561	884	943	1,174	1,288	1,583	1,786	1,908	2,120
Metal products and machinery	192	484	608	779	922	1,198	1,454	1,721	1,828	1,953
Food and related products	161	285	326	382	443	497	549	645	682	670
Apparel and related products	172	206	262	268	302	329	361	374	375	344
Other manufacturing	324	452	394	470	558	684	863	694	613	677
Mining	7	5	6	5	6	5	9	9	9	8
Contract construction	338	406	346	296	311	330	339	377	320	262
Transp. and other public utilities [1]	342	629	652	744	778	881	1,003	1,063	1,213	1,198
Trade	631	970	1,070	1,190	1,290	1,466	1,621	1,743	1,770	1,743
Finance, insurance, and real estate	504	803	751	871	1,016	1,217	1,346	1,432	1,663	1,841
Services	448	686	755	823	910	1,003	1,130	1,255	1,344	1,390
Commonwealth Government [2]	610	1,334	1,390	1,450	1,571	1,708	1,896	2,051	1,952	2,021
Rest of the world	–347	–1,043	–1,441	–1,756	–2,179	–2,725	–3,406	–3,633	–3,788	–4,062

[1] Includes radio and television. [2] Includes public enterprises, not elsewhere classified.

Source: Puerto Rico Planning Board, San Juan, PR, *Income and Product*, annual.

No. 1464. Puerto Rico—Receipts and Expenditures of the Central Government, by Major Item: 1960 to 1983

[In millions of dollars. For years ending June 30]

ITEM	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Receipts	**351**	**1,275**	**2,377**	**2,926**	**3,124**	**3,441**	**3,836**	**4,324**	**4,467**	**4,714**	**4,948**
Taxes	237	735	1,294	1,605	1,723	1,812	1,973	2,118	2,307	2,491	2,628
Personal	40	188	396	455	534	484	555	618	690	751	767
Corporate	26	92	167	176	177	188	218	244	291	332	357
Indirect business	172	456	731	974	1,012	1,091	1,135	1,175	1,270	1,322	1,383
Toll gate tax	–	–	–	–	–	49	65	81	56	85	121
Contributions to social insurance	45	162	335	362	372	397	443	478	518	530	550
Profits from govt. business enterprises	6	6	–74	–56	–37	11	12	93	–1	166	143
Interest and dividends	10	49	75	79	89	90	103	135	142	174	206
Sales of goods and services	9	67	112	138	145	157	173	180	196	217	240
Transfers from Federal Government	44	257	633	798	831	974	1,132	1,320	1,304	1,136	1,180
Transfers from private enterprises	–	–	(z)	(z)	(z)	(z)	1	1	1	1	1
Expenditures	**287**	**1,105**	**2,405**	**2,646**	**2,840**	**3,020**	**3,297**	**3,696**	**4,033**	**4,018**	**4,111**
Purchases of goods and services	227	831	1,726	1,751	1,874	2,025	2,228	2,461	2,697	2,635	2,760
Compensation of employees	174	610	1,334	1,390	1,450	1,571	1,708	1,896	2,051	1,952	2,021
Other purchases	103	390	672	673	699	748	846	874	945	913	958
Less: Capital expenditures	50	169	279	312	274	295	326	309	299	230	218
Interest	7	38	116	140	149	170	163	160	194	198	162
Subsidies	9	33	98	150	187	190	229	227	225	245	215
Transfer payments to persons	44	173	394	525	544	545	572	738	796	811	840
Transfer payments to Federal Government	(z)	30	71	80	87	91	105	111	121	129	135
Savings [1]	**64**	**170**	**29**	**280**	**284**	**421**	**538**	**627**	**434**	**697**	**837**

– Represents zero. Z Less than $500,000. [1] Includes disbursements for land acquisition, equipment purchases, and other capital investments.

Source: Puerto Rico Planning Board, San Juan, PR, *Income and Product*, annual.

No. 1465. Puerto Rico—Business Summary: 1972 and 1977

[**Sales and payroll in millions of dollars**; for discussion of coverage, see text, pp. 779 and 780]

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System)	1972		1977			
	Establishments	Sales	Establishments	Sales	Payroll, entire year	Employees [1]
Wholesale trade [2]	**2,160**	**2,559**	**2,208**	**4,395**	**260**	**27,788**
Motor vehicles, automotive parts and supplies	141	163	126	164	16	1,662
Drugs [3], and chemicals, allied products	172	222	154	372	35	3,497
Apparel, piece goods, and notions	166	116	159	136	8	946
Groceries and related products	500	780	486	1,420	51	6,208
Electrical goods	121	137	124	182	19	1,834
Machinery, equipment, supplies	297	259	342	358	50	4,773
Petroleum and petroleum products	34	207	71	567	11	896
Retail trade [2]	**29,894**	**2,918**	**36,276**	**4,796**	**423**	**78,201**
Bldg. materials, hdware, garden supplies, mobile home dealers	943	216	1,347	346	33	5,309
Hardware stores	575	105	816	168	16	2,627
General merchandise group stores	1,357	330	1,061	479	62	10,461
Department stores	47	217	39	312	40	6,056
Food stores, eating and drinking places	18,839	905	22,477	1,593	122	25,622
Grocery stores, eating and drinking places	16,319	839	19,960	1,489	111	23,056
Automotive dealers, gasoline service stations [2]	2,230	716	2,933	1,145	65	10,600
Motor vehicle dealers—new and used cars	308	456	284	607	31	4,028
Gasoline service stations	1,317	172	1,520	336	15	3,710
Apparel, accessory stores [2]	2,360	295	2,796	498	60	11,527
Men's, boys' clothing and furnishing stores	529	86	529	117	13	2,255
Women's clothing, specialty stores	867	95	1,002	172	20	4,261
Family clothing stores	312	33	366	61	8	1,635
Furniture, home furnishings and equipment stores	1,420	212	1,522	270	28	4,927
Selected services industries [2] [4]	**14,163**	**512**	**19,936**	**940**	**273**	**41,704**
Hotels, motels, trailering parks, and camps	283	130	181	(D)	(D)	(D)
Personal services	2,982	51	3,150	72	16	3,574
Business services	812	162	1,184	271	89	14,870
Auto repairs, services, garages	1,438	63	2,285	(D)	(D)	(D)
Amusement, recreation services, motion pictures	7,822	87	9,753	133	19	3,743

D Withheld to avoid disclosure. [1] For week including Mar. 12. [2] Includes data not shown separately. [3] Includes drug proprietaries and druggists' sundries. [4] For 1972, excludes arrangement of passenger transportation; dental laboratories; legal services; engineering, architectural, and surveying services.

Source: U.S. Bureau of the Census, *Census of Outlying Areas, Retail Trade, Wholesale Trade,* and *Selected Service Industries, 1977, Puerto Rico,* series OAC77-1.

No. 1466. Puerto Rico—Manufactures, by Industry: 1972 and 1977

INDUSTRY (Based on 1972 Standard Industrial Classification System)	1972			1977					
					All employees		Production workers		
	Establishments	All employees [1]	Value added by manufacture [2] (mil. dol.)	Establishments	Number [1]	Payroll (mil. dol.)	Number [1]	Wages (mil. dol.)	Value of shipments [3] (mil. dol.)	Value added by manufacture [2] (mil. dol.)
All Industries	**2,340**	**149,748**	**1,915.4**	**2,297**	**146,861**	**997.0**	**126,236**	**738.8**	**10,137.1**	**4,097.2**
Food and kindred products	321	27,739	343.4	324	21,407	149.0	17,249	103.3	1,456.6	485.6
Tobacco products	28	4,508	46.4	17	3,670	24.5	3,419	21.9	214.1	122.0
Textile mill products	81	7,819	67.1	63	6,001	29.5	5,743	26.5	183.0	108.8
Apparel and other textile products	473	39,624	252.5	386	35,294	151.8	33,086	131.1	593.3	278.9
Lumber and wood products	100	1,194	8.2	83	823	3.9	712	3.1	20.5	9.1
Furniture and fixtures	140	3,213	29.3	124	2,383	12.1	2,115	9.1	48.3	26.1
Paper and allied products	37	1,567	17.9	38	1,459	11.8	1,182	8.3	70.3	21.7
Printing and publishing	129	2,968	41.8	161	4,037	28.8	3,508	23.2	95.4	68.9
Chemicals and allied products	125	8,979	451.2	181	15,732	162.5	10,517	83.0	2,758.1	1,476.5
Petroleum and coal products	16	2,181	91.7	19	2,462	36.9	1,998	27.0	2,147.9	143.4
Rubber and misc. plastic products	56	3,494	27.4	77	5,962	43.4	5,514	35.9	236.8	147.6
Leather and leather products	57	6,611	39.3	47	6,165	29.3	5,805	26.3	125.2	55.7
Stone, clay, and glass products	189	6,250	73.1	175	4,987	39.8	3,857	28.3	229.9	102.7
Primary metal industries	16	956	14.3	35	1,567	12.7	1,194	8.7	91.5	48.5
Fabricated metal products	219	5,247	78.2	199	4,654	33.7	3,868	25.7	212.9	84.2
Machinery, exc. electrical	64	2,229	37.6	57	4,071	32.8	3,112	25.5	301.7	161.2
Electric and electronic equipment	105	14,671	169.6	131	14,785	106.9	13,465	84.7	716.4	403.1
Instruments and related products	25	712	6.8	69	6,789	52.1	6,061	39.1	409.0	257.3
Transportation equipment	44	6,066	84.2	26	1,127	8.2	952	6.7	47.4	28.1
Misc. manufacturing industries	115	3,720	35.3	85	3,487	27.3	2,879	21.6	178.9	67.8

[1] Average for year. [2] See footnote 6, table 1337. [3] Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, Manufactures, 1977, Puerto Rico,* series OAC77-4.

No. 1467. Puerto Rico—Merchandise Imports and Exports: 1960 to 1983

[In millions of dollars]

ITEM	1960	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Imports	924	2,681	3,593	4,961	4,885	5,928	6,200	6,918	7,834	9,018	9,329	8,167	8,708
From U.S	771	2,070	2,623	2,945	3,029	3,677	3,552	4,391	4,788	5,345	5,801	5,300	5,162
From other	153	611	970	2,016	1,856	2,251	2,649	2,527	3,046	3,673	3,528	2,867	3,546
Exports	604	1,680	2,727	3,275	3,000	3,735	4,516	5,123	6,539	6,576	7,047	8,888	8,970
To U.S	588	1,563	2,479	2,871	2,633	3,298	4,009	4,499	5,720	5,643	6,024	7,624	6,936
To other	16	117	248	404	367	437	507	624	819	933	1,023	1,264	2,034

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States*, annual; *U.S. Trade with Puerto Rico and U.S. Possessions*, FT 800; and unpublished data.

No. 1468. Puerto Rico and Guam—Agriculture: 1978 and 1982

[1 cuerda=.97 acres. Tons specified are short tons]

ITEM	1978	1982	ITEM	1978	1982	ITEM	UNIT	AMOUNT HARVESTED [1]		SALES ($1,000)	
								1978	1982	1978	1982
PUERTO RICO											
Farms	18,992	21,820	Tenure of operator: Percent—			Dairy products	(x)	(x)	(x)	131,485	152,126
Percent by size—						Poultry [2]	(x)	(x)	(x)	26,950	45,945
Less than 10 cuerda	37.0	45.1	Full-owner	77.0	79.3	Coffee	1,000 cwt.[3]	178.9	243.9	26,387	39,302
10 to 19 cuerda	25.2	20.9	Part-owner	15.0	11.5	Sugarcane	1,000 tons	2,925	1,462	39,530	26,663
20 to 49 cuerda	20.6	18.0	Manager	2.2	1.8						
50 to 174 cuerda	11.5	11.0				Fruits/nuts	(x)	(x)	(x)	10,686	14,060
175 or more cuerda	5.7	5.0	Avg. cuerda size—			Vegetables	(x)	(x)	(x)	2,338	9,547
			Full-owner	33.8	31.1	Pineapples	1,000 tons	37.3	44.0	5,553	9,534
Cuerda in farms	979,603	982,457	Part-owner	101.6	99.3						
			Manager	182.0	122.8						
GUAM											
Farms	1,999	2,044	Tenure of operator: Percent—			Cucumbers	1,000 lbs	118.8	658.2	16.7	217.8
Percent by size—						Watermelons	1,000 lbs	387.9	422.5	92.1	115.6
Less than [1] acre	(NA)	45.4	Full-owner	80.5	78.0	Green beans	1,000 lbs	89.4	143.2	23.2	81.8
1 to 2 acres	(NA)	36.4	Permittees	4.7	11.6	Tomatoes	1,000 lbs	30.6	105.1	5.1	64.3
3 to 7 acres	(NA)	10.5	Tenants	5.8	6.8						
8 or more acres	(NA)	7.8	Part-owners	1.6	1.3	Cantaloups	1,000 lbs	59.5	113.2	15.8	54.6
						Pineapples	1,000 lbs	4.5	255.4	-	49.4
Acres in farms	26,619	26,662				Bittermelons	1,000 lbs	29.6	64.1	6.6	39.6

- Represents zero. NA Not available. X Not applicable. [1] Includes amounts not sold.
[2] Includes poultry products. [3] Cwt=hundredweight (100 lbs.).
Source: U.S. Bureau of the Census, *1982 Census of Agriculture*, vol. 1, parts 52 and 53.

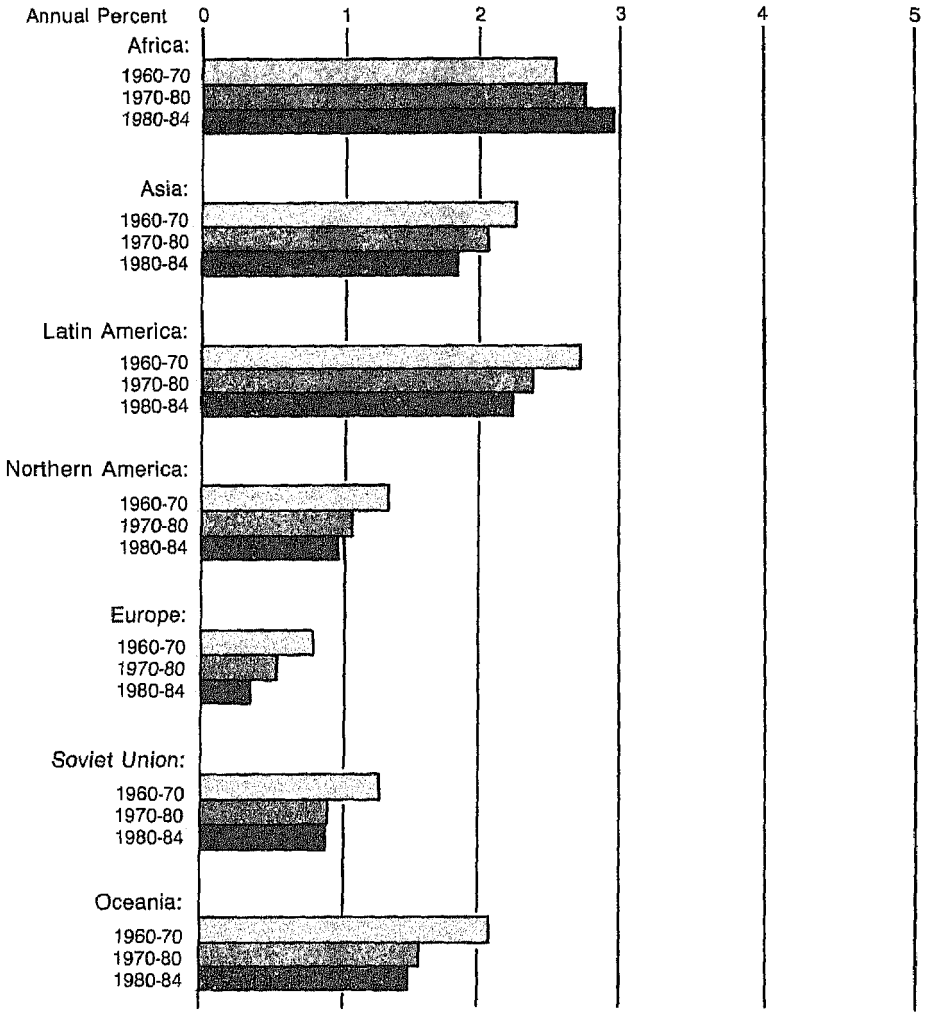
No. 1469. Guam, Virgin Islands, and Northern Mariana Islands—Economic Summary: 1982

[Sales and payroll in millions of dollars]

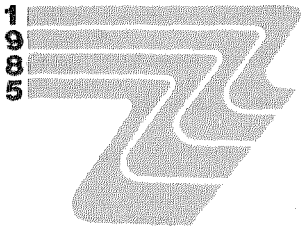
ITEM	Guam	Virgin Islands	No. Mariana Islands	ITEM	Guam	Virgin Islands	No. Mariana Islands
Total: Establishments	1,377	2,588	466	**Wholesale trade:** Establishments	89	104	11
Sales	(D)	(D)	134.9	Sales	164.9	197.4	28.5
Annual payroll	115.6	228.5	19.9	Annual payroll	12.8	18.7	1.4
Paid employees [1]	11,871	19,132	3,945	Paid employees [1]	981	1,383	364
Unpaid family workers [2]	507	511	269	Unpaid family workers [2]	12	14	1
Construction: Establishments	61	150	42	**Retail trade:** Establishments	802	1,191	258
Sales	60.2	142.0	22.2	Sales	412.9	489.2	56.7
Annual payroll	16.3	46.3	3.7	Annual payroll	46.6	57.9	7.4
Paid employees [1]	1,383	3,283	732	Paid employees [1]	5,400	6,980	1,490
Unpaid family workers [2]	14	23	14	Unpaid family workers [2]	401	357	199
Mfg.: Establishments	22	71	8	**Services:** [3] Establishments	403	1,072	147
Sales	(D)	(D)	2.1	Sales	116.9	146.7	25.4
Annual payroll	8.4	63.1	.5	Annual payroll	31.5	42.6	6.9
Paid employees [1]	638	2,830	97	Paid employees [1]	3,469	4,676	1,262
Unpaid family workers [2]	-	6	-	Unpaid family workers [2]	80	111	55

— Represents zero. D Withheld to avoid disclosure of information pertaining to a specific organization. [1] For pay period including March 12. [2] Includes those who worked 15 hours or more during the week including March. 12. [3] Selected industries including travel agencies, dental labs; and legal, engineering, architectural and surveying services.
Source: U.S. Bureau of the Census, *1982 Economic Census of Outlying Areas*, OAC 82-5 to OAC 82-7.

Figure 33.1
World Population — Annual Growth Rate, by Continent: 1960 to 1984



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1472.



Section 33

Comparative International Statistics

This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, transportation and communication, and military affairs.

The principal sources for these data are the United Nations *Statistical Yearbook* and the U.S. Bureau of the Census annual publication *World Population.* Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles data as submitted by member countries and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook;* the *Demographic Yearbook;* the *Yearbook of International Trade Statistics;* the *Yearbook of National Accounts Statistics: Vol. II, International Tables; Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics;* and *Energy Statistics Yearbook.* Specialized agencies of the United Nations also issue international summary publications on agricultural, labor, and education statistics. Among these are the *Production Yearbook* and *Trade Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The Bureau of the Census, in *Country Demographic Profiles,* series ISP-30, presents data on individual countries for both a recent census year and the current period; and in the annual *World Population* series, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports,* series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries. More detailed population statistics are also available from the Bureau of the Census' computerized data system, the International Data Base.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers,* published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, gross national product, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics, Direction of Trade,* and *Balance of Payments Yearbook,* published in English, French, and Spanish.

Statistical coverage, country names, and classifications.—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a U.S. Department of State list of sovereign nations, dependencies, and areas of special sovereignty published by the U.S. Department of State in *Status of the World's Nations.* Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in tables 1472, 1473, 1475, and 1476 are classified as either "more developed" or "less developed," according to a *regional* classification system used by the Census Bureau in its *World Population: 1984.* The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New Zealand, the Soviet Union, and those countries in Northern America and Europe. All others are "less developed".

Economic associations.—The Organization for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organization for Economic Cooperation and Development (OECD). The member nations of the OECD are

Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States, plus Yugoslavia in special status category.

Quality and comparability of the data.—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

International comparisons of national accounts data.—In order to compare national accounts data for different countries, it is necessary to convert each country's data into a common unit of currency, usually the U.S. dollar. The market exchange rates which are often used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. For example, using table 1482, it should not be concluded that Switzerland's individual standard of living in 1983 was 11 percent higher than that of the U.S., or that the United Kingdom's was 43 percent lower, as the statistics may imply. It is obviously necessary that the goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (see table 1483) instead of exchange rates is intended to achieve this objective.

The method used to present the data shown in table 1483 is to construct volume measures directly by revaluing the goods and services sold in different countries at a common set of international prices. By dividing the ratio of the gross domestic products of two countries expressed in their own national currencies by the corresponding ratio calculated at constant international prices, it is possible to derive the implied purchasing power parity (PPP) between the two currencies concerned. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further information, see *National Accounts, Main Aggregates,* volume I, issued annually by the Organization for Economic Cooperation and Development, Paris, France.

Conversion factors.—To facilitate comparison in terms of familiar units, some items shown in metric units in the source have been converted to U.S. equivalents by means of the abbreviated conversion factors shown below. Additional conversion factors appear on p. xiv.

Conversion Factors

Metric units	*U.S. equivalents*
1 square kilometer	0.3861 sq. mile
1 metric ton (1,000 kilograms)	1.1023 short tons
1 hectolitre	26.4172 U.S. gallons
1 cubic meter	35.3147 cubic feet

NO. 1470. WORLD SUMMARY: 1960 TO 1982

[See text, p. 836, for general comments concerning quality of the data]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Population	**Millions**	**2,986**	**3,288**	**3,610**	**3,967**	**4,284**	**4,357**	**4,432**	**4,508**	**4,586**
Farm products, wood, fish:										
Barley	Mil. sh. ton	100	117	154	173	200	175	179	176	176
Coffee	Mil. sh. ton	4.7	5.6	4.2	4.9	5.2	5.4	5.3	6.4	5.4
Corn	Mil. sh. ton	226	250	289	359	430	461	432	491	502
Cotton (lint)	Mil. sh. ton	11	13	13	14	15	16	16	17	17
Peanuts (groundnuts)	Mil. sh. ton	15	18	20	21	21	21	22	21	21
Potatoes	Mil. sh. ton	314	314	344	316	304	319	249	283	281
Rice	Mil. sh. ton	261	282	348	397	425	415	441	456	454
Soybeans	Mil. sh. ton	30	40	51	76	85	101	92	97	103
Tobacco	Mil. sh. ton	4.2	5.0	5.1	6.0	6.3	5.9	5.9	6.6	6.7
Wheat	Mil. sh. ton	269	295	351	391	495	472	490	505	530
Wool, greasy	Mil. sh. ton	2.8	2.9	3.1	2.9	2.9	3.0	3.1	3.1	3.2
Roundwood	Bil. cu. ft	67	73	85	85	104	107	107	105	104
Fish catches	Mil. sh. ton	44	59	75	76	79	79	80	83	(NA)
Industrial production:										
Electric energy	Bil. kWh	2,300	3,360	4,962	6,527	7,685	7,991	8,228	8,370	8,436
Energy (coal equivalent)	Mil. sh. ton	4,630	5,911	7,766	8,914	9,958	10,439	10,204	9,974	9,847
Coal	Mil. sh. ton	2,141	2,218	2,353	2,616	2,848	2,963	3,009	3,010	3,114
Lignite	Mil. sh. ton	713	816	902	995	1,017	1,074	1,149	1,180	1,220
Coke oven coke	Mil. sh. ton	347	346	405	416	401	427	411	398	379
Crude petroleum [1]	Bil. bbl	7.7	11.1	15.7	19.3	21.9	22.8	21.8	20.4	19.4
Natural gas [1]	Tril. cu. ft	6.9	24.5	37.5	44.1	48.7	51.9	53.8	54.5	53.6
Iron ore	Mil. sh. ton	283	359	464	594	576	608	611	589	580
Nickel ore	1,000 sh. ton	371	483	727	821	880	743	797	763	768
Tin concentrate [2]	1,000 sh. ton	153	171	204	194	219	237	238	231	233
Meat	Mil. sh. ton	66	77	93	108	115	119	121	121	122
Wheat flour [2]	Mil. sh. ton	109	118	134	139	145	148	152	153	155
Sugar	Mil. sh. ton	58	72	80	90	99	97	94	100	112
Wine	Bil. gal	6	8	8	8	8	10	9	8	10
Beer	Bil. gal	11	13	17	21	21	23	24	24	25
Cigarettes [2]	Billions	1,899	2,296	2,688	3,112	3,404	3,442	3,497	3,570	3,630
Noncellulosic fibers [2]	1,000 sh. ton	772	2,260	5,368	8,223	10,769	11,700	11,554	10,627	11,180
Sawnwood	Bil. cu. ft	12	13	14	14	16	16	15	15	14
Woodpulp	Mil. sh. ton	65	87	115	114	97	103	141	(NA)	(NA)
Newsprint	Mil. sh. ton	15	19	24	23	27	28	27	27	29
Cement	Mil. sh. ton	349	477	626	766	912	947	956	965	979
Pig iron and ferroalloys	Mil. sh. ton	286	369	484	538	574	610	596	585	564
Crude steel	Mil. sh. ton	382	506	655	715	784	815	775	763	781
Magnesium	1,000 sh. ton	100	173	250	291	337	397	420	412	437
Tin [2]	1,000 sh. ton	163	166	202	193	212	237	238	231	252
Merchant vessels, launched [2]	Mil. gr. ton	8.4	12.2	21.7	35.9	18.2	11.5	13.9	17.1	17.2
Motor vehicles	Millions	16.5	24.3	29.3	33.0	43.6	41.6	38.5	37.1	40.7
External trade:										
Imports, c.i.f	Bil. U.S. dol	135	197	329	902	1,347	1,683	2,054	2,028	1,934
Exports, f.o.b	Bil. U.S. dol	128	187	314	874	1,301	1,642	1,990	1,959	1,852
Transport:										
Railway freight	Bil. sh. ton-mi	2,286	2,873	3,438	4,104	4,484	4,544	4,544	4,678	4,638
Merchant shipping, freight [3]	Mil. sh. ton	1,224	1,849	2,833	3,500	3,992	4,221	4,114	3,919	3,625
Civil aviation, miles flown [4]	Millions	1,926	2,548	4,353	4,670	5,279	5,682	5,862	5,608	5,595

NA Not available. [1] Source: U.S. Energy Information Administration, *International Energy Annual* and *Monthly Energy Review.* [2] Excludes China: Mainland. Tin, tin concentrate, and merchant vessels exclude Soviet Union. For other exclusions, see source.

[3] Freight loaded. [4] Scheduled services of members of International Civil Aviation Organization. Excludes Soviet Union.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Statistical Yearbook; Monthly Bulletin of Statistics;* and *Energy Statistics Yearbook.* (Copyright.)

NO. 1471. WORLD POPULATION, 1970 TO 1984, AND AREA, 1984, BY SIZE OF COUNTRY

[Covers only countries listed in table 1475. See headnote, table 1475]

POPULATION CLASS	POPULATION				1984					
	1970		1980		Countries		Population		Area	
	Total (mil.)	Percent of total	Total (mil.)	Percent of total	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total
Total	**3,702**	**100.0**	**4,449**	**100.0**	**172**	**100.0**	**4,764**	**100.0**	**51,446**	**100.0**
Under 1 million	15	.4	18	.4	41	23.8	14	.3	410	.8
1-5 million	133	3.6	99	2.2	40	23.3	109	2.3	4,133	8.0
5-10 million	190	5.1	239	5.4	32	18.6	234	4.9	4,702	9.1
10-25 million	388	10.5	422	9.5	28	16.3	461	9.7	9,205	17.9
25-50 million	368	9.9	463	10.4	12	7.0	424	8.9	8,847	17.2
Over 50 million	2,607	70.4	3,208	72.1	19	11.0	3,521	73.9	24,148	46.9

Source: Compiled from data in U.S. Bureau of the Census, *World Population 1984,* forthcoming, and unpublished data.

No. 1472. World Population and Growth, by Continent and Region: 1960 to 1984

[For explanation of "more developed" and "less developed" categories, see text, p. 835]

Continent and region	Midyear population (millions)							Annual rate of growth [1] (percent)				
	1960	1965	1970	1975	1980	1983	1984	1960–1965	1965–1970	1970–1975	1975–1980	1980–1984
World total	**3,035**	**3,342**	**3,703**	**4,082**	**4,451**	**4,687**	**4,766**	**1.9**	**2.1**	**1.9**	**1.7**	**1.7**
More developed regions	945	1,002	1,049	1,096	1,136	1,159	1,167	1.2	.9	.9	.7	.7
Less developed regions	2,089	2,340	2,655	2,987	3,315	3,528	3,600	2.3	2.5	2.4	2.1	2.1
Percent of world	69	70	72	73	74	75	76	(X)	(X)	(X)	(X)	(X)
Africa [2]	278	315	358	409	472	516	532	2.5	2.6	2.7	2.9	3.0
Asia	1,685	1,871	2,111	2,361	2,591	2,737	2,785	2.1	2.4	2.2	1.9	1.8
More developed regions	94	99	104	112	117	119	120	1.0	1.1	1.3	.9	.7
Less developed regions	1,591	1,772	2,006	2,249	2,474	2,618	2,665	2.2	2.5	2.3	1.9	1.9
East Asia [3]	796	874	992	1,104	1,182	1,227	1,240	1.9	2.5	2.2	1.4	1.2
South Asia [3]	889	997	1,119	1,257	1,409	1,510	1,545	2.3	2.3	2.3	2.3	2.3
Latin America [3]	218	250	286	324	363	389	398	2.6	2.7	2.5	2.3	2.3
Middle America [2 3]	51	60	70	81	93	100	103	3.1	3.1	3.0	2.7	2.6
Caribbean [2 3]	20	23	25	27	29	31	31	2.2	1.9	1.8	1.4	1.5
South America [2 3]	147	168	192	216	241	258	264	2.7	2.6	2.4	2.2	2.2
Northern America [3 4]	199	214	226	239	252	259	262	1.5	1.1	1.1	1.1	1.0
Europe [4]	425	444	460	474	484	489	491	.9	.7	.6	.4	.3
Soviet Union [4]	214	231	243	254	266	273	275	1.5	1.0	.9	.9	.9
Oceania	16	17	19	21	23	24	24	2.1	2.1	1.9	1.3	1.5
Australia and New Zealand [4]	13	14	15	17	18	18	19	2.0	1.9	1.7	1.0	1.4
Less developed regions	3	3	4	4	5	5	5	2.7	2.8	2.5	2.4	2.0

X Not applicable. [1] Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Less developed region. [3] For component countries, see table 1476. [4] More developed region.

Source: U.S. Bureau of the Census, *World Population 1984*, forthcoming; and unpublished data.

No. 1473. World Population Characteristics, 1975 to 1984, and Projections to 2000

[See headnote, table 1474. For explanation of "more developed" and "less developed" categories, see text, p. 835]

Item	Unit	1975	1980	1983	1984	1985	1990	1995	2000
World total	**Millions**	**4,082**	**4,451**	**4,687**	**4,766**	**4,846**	**5,263**	**5,712**	**6,169**
Population per sq. mi	Number	78	85	89	91	92	100	109	118
Males	Millions	2,045	2,232	2,353	2,393	2,434	2,646	2,873	3,103
Females	Millions	2,037	2,219	2,334	2,374	2,412	2,617	2,839	3,066
Under 5 years old	Percent	13.6	12.2	12.0	11.9	11.8	11.4	11.1	10.8
5 to 14 years old	Percent	23.5	23.4	22.5	22.2	21.9	20.6	20.0	19.6
15 to 64 years old	Percent	57.4	58.6	59.8	60.2	60.6	62.1	62.6	63.0
65 years old and over	Percent	5.5	5.8	5.7	5.7	5.7	5.9	6.3	6.6
Median age	Years	21.6	22.4	22.9	23.1	23.3	24.2	25.3	26.4
More developed regions	Millions	1,096	1,136	1,159	1,167	1,174	1,208	1,238	1,263
Less developed regions	Millions	2,987	3,315	3,528	3,600	3,672	4,055	4,474	4,906

Source: U.S. Bureau of the Census, *World Population 1984*, forthcoming; and unpublished data.

No. 1474. World Vital Statistics and Life Expectancy: 1965 to 2005

[Source of data presents 3 variants or series of projections: Medium, high, and low. Figures shown here are for the *medium variant*. Data shown are annual averages]

Item	Unit	1965–1970	1970–1975	1975–1980	1980–1985	1985–1990	1990–1995	1995–2000	2000–2005
World growth rate	Percent	2.1	2.0	1.8	1.7	1.6	1.6	1.5	1.4
Crude birth rate [1]	Per 1,000 population	35.1	32.7	28.9	27.3	26.1	25.2	24.1	22.5
Crude death rate [1]	Per 1,000 population	14.5	12.7	11.4	10.6	10.0	9.5	9.1	8.7
Total fertility rate [2]	Number	4.9	4.5	3.9	3.6	3.3	3.1	3.0	2.8
Life expectancy at birth, both sexes	Years	52.6	55.4	57.3	58.9	60.4	61.9	63.5	64.8
Male	Years	51.3	54.0	55.9	57.5	59.0	60.5	61.9	63.2
Female	Years	53.9	56.8	58.8	60.3	61.9	63.5	65.1	66.4

[1] See headnote, table 1477. [2] Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year.

Source: Population Division of the United Nations, New York, NY, *World Population Prospects: Estimates and Projections as Assessed in 1982*, forthcoming.

NO. 1475. POPULATION AND AREA, BY REGION AND COUNTRY

[Population data generally are de facto figures for the present territory. Population estimates were derived from information available as of mid-1984. See table 1476 for country components of regions. See text, p. 836, for general comments concerning the data. For details of methodology, coverage, and reliability, see sources. Minus sign (—) indicates decrease]

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS [1]		MIDYEAR POPULATION ESTIMATES					Population per sq. mile, 1984	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1984	1970–1980	1980–1984		
World total	(x)	(x)	**3,703,466**	**4,450,993**	**4,766,324**	**1.8**	**1.7**	**91**	**52,426,568**
Africa	(x)	(x)	358,260	472,218	531,689	2.8	3.0	45	11,710,634
Northern America [4]	(x)	(x)	226,483	251,937	261,949	1.1	1.0	32	8,308,776
Latin America	(x)	(x)	286,048	363,374	397,678	2.4	2.3	50	7,929,889
Middle America	(x)	(x)	69,564	92,625	102,596	2.9	2.6	107	963,022
Caribbean	(x)	(x)	24,955	29,267	31,046	1.6	1.5	338	91,840
South America	(x)	(x)	191,528	241,481	264,036	2.3	2.2	38	6,875,027
East Asia	(x)	(x)	991,666	1,182,438	1,239,892	1.8	1.2	272	4,550,414
South Asia	(x)	(x)	1,119,086	1,408,689	1,545,245	2.3	2.3	253	6,101,493
Europe	(x)	(x)	459,867	484,195	490,760	.5	.3	261	1,881,935
Soviet Union	(x)	(x)	242,766	265,542	275,093	.9	.9	32	8,649,496
Oceania	(x)	(x)	19,290	22,601	23,997	1.6	1.5	7	3,295,931
COUNTRIES									
●United States	1980	227,061	205,052	227,738	236,690	1.0	1.0	65	3,615,105
★Afghanistan	A 1979	15,551	12,422	15,245	14,448	2.0	−1.3	58	249,999
●Albania	1979	2,591	2,136	2,671	2,906	2.2	2.1	262	11,100
★Algeria	1977	16,260	13,932	18,828	21,351	3.0	3.1	23	919,591
★Angola	1970	5,646	5,573	6,979	7,741	2.3	2.6	16	481,351
★Argentina	1980	27,947	23,962	28,313	30,228	1.7	1.6	28	1,068,297
●Australia	1981	14,576	12,660	14,616	15,462	1.4	1.4	5	2,967,894
●Austria	1981	7,555	7,426	7,553	7,544	.2	.2	233	32,374
★Bahamas, The	1980	210	171	210	228	2.1	2.0	42	5,380
★Bahrain	1981	360	220	348	411	4.6	4.2	1,713	240
★Bangladesh	1981	87,052	67,403	88,052	99,585	2.7	2.8	1,791	55,598
★Barbados	1980	249	239	249	252	.4	.3	1,518	166
●Belgium	1981	9,849	9,638	9,848	9,872	.2	.1	838	11,781
★Belize	1980	145	122	147	158	1.9	1.7	18	8,866
★Benin	1979	3,331	2,620	3,456	3,894	2.8	3.0	90	43,483
★Bhutan	1969	1,035	1,045	1,280	1,388	2.0	2.0	76	18,147
★Bolivia	1976	4,613	4,265	5,450	6,037	2.5	2.6	14	424,162
★Botswana	1981	941	584	902	1,033	4.4	3.4	4	231,804
★Brazil	1980	119,071	95,684	122,407	134,380	2.5	2.3	41	3,286,472
★Brunei	1981	193	128	185	214	3.7	3.6	96	2,226
●Bulgaria	1975	8,728	8,490	8,862	8,969	.4	.3	209	42,823
★Burkina Faso [5]	1975	5,638	5,163	6,138	6,733	1.7	2.3	64	105,869
★Burma	1983	35,314	27,386	33,391	36,196	2.0	2.0	138	261,789
★Burundi	1979	4,110	3,589	4,202	4,663	1.6	2.6	434	10,747
★Cameroon	1976	7,132	6,727	8,582	9,507	2.4	2.6	52	183,568
●Canada	1981	24,343	21,324	24,086	25,142	1.2	1.1	7	3,851,790
★Cape Verde	1980	289	269	289	308	.7	1.6	198	1,557
★Central African Republic	1975	2,055	1,827	2,315	2,892	2.4	2.6	11	240,534
★Chad	1964	3,254	3,707	4,416	5,116	1.7	3.7	10	495,753
★Chile	1982	11,275	9,369	11,014	11,706	1.6	1.5	40	292,257
China:									
★Mainland	1982	1,008,175	820,403	983,379	1,031,563	1.8	1.2	278	3,705,390
★Taiwan	1980	17,969	14,598	17,800	19,063	2.0	1.7	1,530	12,456
★Colombia	1973	21,056	21,430	26,611	28,901	2.2	2.1	66	439,735
★Comoros	1980	408	278	406	456	3.8	2.9	544	838
★Congo	1974	1,300	1,183	1,552	1,745	2.7	2.9	13	132,046
★Costa Rica	1973	1,872	1,736	2,329	2,589	2.9	2.6	132	19,575
★Cuba	1981	9,724	8,543	9,658	9,995	1.2	.9	226	44,218
★Cyprus	1976	613	615	629	661	.2	1.3	185	3,572
●Czechoslovakia	1980	15,283	14,319	15,255	15,466	.6	.3	313	49,370
●Denmark	1981	5,124	4,929	5,123	5,112	.4	−.1	307	16,629
★Djibouti	1979	260	158	279	289	5.7	.9	34	8,494
★Dominican Republic	1981	5,648	4,343	5,774	6,416	2.8	2.6	341	18,816
★Ecuador	1982	8,073	5,958	7,775	8,648	2.7	2.7	79	109,483
★Egypt	1976	36,626	33,197	42,135	47,049	2.4	2.8	122	386,660
★El Salvador	1971	3,555	3,582	4,718	4,930	2.8	1.1	597	8,260
★Equatorial Guinea	1960	246	291	250	275	−1.5	2.4	25	10,830
★Ethiopia	(x)	(NA)	25,299	29,790	31,998	1.6	1.8	68	471,776
★Fiji	1976	588	521	634	686	2.0	2.0	97	7,055
●Finland	1980	4,785	4,606	4,780	4,873	.4	.5	37	130,119
●France	1982	54,335	50,787	53,870	54,872	.6	.5	260	211,207
★Gabon	1980	800	515	792	958	4.3	4.8	9	103,346

See footnotes at end of table.

No. 1475. Population and Area, by Region and Country—Continued

[See headnote, p. 839]

Country and status of development ● = More developed ★ = Less developed	Latest population census [1]		Midyear population estimates					Population per sq. mile, 1984	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1984	1970–1980	1980–1984		
★Gambia, The	1983	696	454	631	725	3.3	3.5	166	4,361
●German Dem. Rep	1981	16,706	17,070	16,737	16,716	–.2	–.2	400	41,768
●*Germany, Fed. Rep. of*	1970	60,651	60,714	61,561	61,387	.1	–.1	640	95,976
★Ghana	1970	8,559	8,769	12,130	13,804	3.2	3.2	150	92,099
●*Greece*	1981	9,740	8,793	9,643	9,984	.9	.9	196	50,944
★Grenada	1970	94	95	107	113	1.2	1.3	850	133
★Guatemala	1981	6,044	5,262	7,118	8,077	3.0	3.2	192	42,042
★Guinea	(X)	(NA)	3,921	5,014	5,579	2.5	2.7	59	94,964
★Guinea-Bissau	1979	766	620	764	842	2.3	1.8	60	13,948
★Guyana	1970	702	715	780	794	.9	.5	10	83,000
★Haiti	1982	5,054	4,605	5,279	5,654	1.4	1.7	528	10,714
★*Honduras*	1974	2,657	2,683	3,787	4,249	3.4	2.9	98	43,277
●Hungary	1980	10,709	10,337	10,711	10,681	.4	–.1	297	35,919
●Iceland	R 1981	232	204	228	239	1.1	1.1	6	39,768
★*India* [6]	1981	685,185	553,619	685,119	746,368	2.1	2.1	589	1,266,595
★Indonesia	1980	147,490	122,671	154,936	169,442	2.3	2.2	230	735,268
★Iran	1976	33,709	28,933	38,752	43,820	2.9	3.1	69	636,293
★Iraq	1977	12,000	9,414	13,130	15,000	3.3	3.3	89	167,924
●Ireland	1981	3,443	2,956	3,414	3,575	1.4	1.2	132	27,136
★Israel	1972	3,148	2,903	3,767	4,021	2.6	1.6	512	7,847
●Italy	1981	56,557	53,661	56,451	56,998	.5	.2	490	116,303
★Ivory Coast	1975	6,714	5,427	8,241	9,664	4.2	4.0	78	124,503
★Jamaica	1970	1,849	1,944	2,234	2,388	1.4	1.7	564	4,232
●Japan	1980	117,060	104,345	116,782	119,996	1.1	.7	835	143,750
★*Jordan*	1979	2,249	1,561	2,305	2,689	3.9	3.9	71	37,737
★Kampuchea	1962	5,729	7,060	5,892	6,118	–2.2	1.8	88	69,898
★Kenya	1979	15,327	11,256	16,431	19,372	3.8	4.1	86	224,960
★Korea, Dem. Peo. Rep. of	(X)	(NA)	13,892	17,892	19,630	2.5	2.3	422	46,540
★Korea, Republic of	1980	37,436	32,976	39,565	41,999	1.8	1.5	1,105	38,025
★Kuwait	1980	1,356	748	1,372	1,758	6.1	6.2	256	6,880
★Laos	(X)	(NA)	2,982	3,458	3,723	1.5	1.9	41	91,429
★Lebanon	S 1970	2,126	2,383	2,649	2,601	1.1	–.5	648	4,015
★*Lesotho*	1976	1,217	1,067	1,339	1,474	2.3	2.4	126	11,720
★Liberia	A 1974	1,503	1,397	1,898	2,160	3.1	3.2	50	43,000
★Libya	1973	2,249	1,956	3,018	3,749	4.3	5.4	6	679,359
●Luxembourg	1981	365	339	364	366	.7	.2	367	998
★Madagascar	1975	7,604	6,766	8,642	9,665	2.4	2.8	43	226,657
★Malawi	1977	5,547	4,449	6,021	6,829	3.0	3.1	149	45,747
★Malaysia	1980	13,436	10,910	14,001	15,330	2.5	2.3	120	127,316
★*Maldives*	1977	143	115	154	173	2.9	3.0	1,504	115
★Mali	1976	6,395	5,578	6,914	7,562	2.1	2.2	16	478,764
●Malta	1967	316	326	364	356	1.1	–.5	2,922	122
★*Mauritania*	1977	1,407	1,254	1,502	1,623	1.8	1.9	4	397,954
★Mauritius	1972	851	830	957	1,009	1.4	1.3	1,277	790
★Mexico	1980	67,383	52,775	70,111	77,659	2.8	2.6	102	761,601
★Mongolia	1979	1,595	1,248	1,662	1,860	2.9	2.8	3	604,247
★Morocco	1971	15,379	15,909	20,969	23,565	2.8	2.9	137	172,413
★Mozambique	1980	9,559	9,304	12,109	13,402	2.6	2.5	43	309,494
★Nepal	1981	15,020	11,919	14,992	16,578	2.3	2.5	305	54,362
●*Netherlands*	1971	13,060	13,032	14,144	14,437	.8	.5	915	15,770
●New Zealand	1981	3,176	2,811	3,100	3,251	1.0	1.2	31	103,736
★Nicaragua	1971	1,878	1,908	2,563	2,934	2.9	3.4	58	50,193
★Niger	1977	5,098	4,100	5,528	6,284	3.0	3.2	13	489,189
★Nigeria	(X)	(NA)	56,346	77,082	88,148	3.1	3.4	247	356,667
●Norway	1980	4,091	3,877	4,086	4,145	.5	.4	33	125,181
★Oman	(X)	(NA)	654	978	1,181	4.0	4.7	14	82,030
★*Pakistan* [7]	1981	83,782	65,706	85,219	96,628	2.6	3.1	311	310,403
★Panama	1980	1,830	1,496	1,852	2,001	2.1	1.9	69	29,208
★Papua New Guinea	1980	3,011	2,288	2,991	3,226	2.7	1.9	18	178,259
★*Paraguay*	1972	2,358	2,477	3,244	3,623	2.7	2.8	23	157,047
★Peru	1981	17,031	13,461	17,279	19,006	2.5	2.5	38	496,222
★Philippines	1980	48,098	38,680	50,509	55,528	2.7	2.4	479	115,830
●Poland	1978	35,061	32,526	35,578	36,887	.9	.9	306	120,725
●Portugal	1981	9,794	9,044	9,884	10,045	.9	.4	283	35,553
★Qatar	1970	111	113	246	291	7.8	4.2	69	4,247
●Romania	1977	21,560	20,253	22,201	22,683	.9	.5	247	91,699
★Rwanda	1978	4,832	3,757	5,163	6,017	3.2	3.8	592	10,169

See footnotes at end of table.

No. 1475. Population and Area, by Region and Country—Continued

[See headnote, p. 839]

Country and status of development ● = More developed ★ = Less developed	Latest population census [1]		Midyear population estimates					Population per sq. mile, 1984	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1984	1970–1980	1980–1984		
★Saint Lucia	1980	113	103	115	120	1.1	1.1	504	238
★St. Vincent and the Grenadines	1982	98	88	96	101	1.0	1.1	673	150
★Saudi Arabia	1974	7,013	6,286	9,420	10,794	4.0	3.4	13	829,995
★Senegal	1976	5,069	4,318	5,765	6,541	2.9	3.2	86	75,750
★Sierra Leone	1974	2,735	2,732	3,419	3,784	2.2	2.5	137	27,699
★Singapore	1980	2,414	2,075	2,414	2,532	1.5	1.2	11,304	224
★Solomon Islands	1976	197	163	228	263	3.4	3.5	23	11,500
★Somalia	1975	3,494	3,231	5,373	6,393	5.1	4.3	26	246,200
★South Africa	1980	27,942	22,543	28,723	31,698	2.4	2.5	67	471,443
●Soviet Union	1979	262,436	242,766	265,542	275,093	.9	.9	32	8,649,496
●Spain	1981	37,746	33,876	37,488	38,435	1.0	.6	197	194,896
★Sri Lanka	1981	14,850	12,532	14,842	15,925	1.7	1.8	629	25,332
★Sudan	1973	14,114	13,788	18,745	21,174	3.1	3.0	22	967,495
★Suriname	1980	352	373	352	370	−.6	1.2	6	63,037
★Swaziland	1976	520	440	579	651	2.7	2.9	97	6,704
●Sweden	1980	8,320	8,043	8,310	8,335	.3	.1	48	173,731
●Switzerland	1980	6,366	6,267	6,385	6,477	.2	.4	406	15,941
★Syria	1981	9,156	6,258	8,795	10,154	3.4	3.6	142	71,498
★Tanzania	1978	17,528	13,432	18,560	21,048	3.2	3.1	58	364,898
★Thailand	1980	44,825	37,091	47,669	51,724	2.5	2.0	261	198,456
★Togo	1981	2,703	1,964	2,592	2,927	2.8	3.0	135	21,622
★Tonga	1976	90	86	97	105	1.2	1.8	389	270
★Trinidad and Tobago	1980	1,058	955	1,095	1,167	1.4	1.6	589	1,980
★Tunisia	1975	5,572	5,085	6,489	7,178	2.4	2.5	114	63,170
★Turkey	1980	44,737	35,758	46,025	50,207	2.5	2.2	167	301,381
★Uganda	1980	12,630	9,806	12,806	14,265	2.7	2.7	157	91,134
★United Arab Emirates	1980	1,040	244	985	1,262	14.0	6.2	39	32,278
●United Kingdom	1981	55,773	55,522	56,010	56,023	.1	.1	595	94,226
★Uruguay	1975	2,788	2,824	2,887	2,926	.2	.3	43	68,037
★Vanuatu	1979	111	84	117	130	3.2	2.7	23	5,700
★Venezuela	1981	14,570	10,962	15,302	17,279	3.3	3.0	49	352,143
★Vietnam	1979	52,742	42,432	53,624	59,030	2.3	2.4	460	128,401
★Western Samoa	1981	158	142	156	162	.9	.8	148	1,097
★Yemen, Peo. Dem. Rep. of	1973	1,590	1,497	1,916	2,147	2.5	2.9	17	128,559
★Yemen Arab Republic	1975	4,520	4,354	5,304	5,895	2.0	2.6	78	75,290
●Yugoslavia	1981	22,425	20,371	22,304	22,987	.9	.8	233	98,766
★Zaire	1974	24,327	21,638	28,624	32,054	2.8	2.8	35	905,563
★Zambia	1980	5,680	4,247	5,771	6,554	3.1	3.2	23	290,584
★Zimbabwe	1969	5,099	5,529	7,343	8,383	2.8	3.3	56	150,803
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
●Channel Islands	1981	129	122	129	131	.5	.5	1,753	75
★French Polynesia	1977	137	116	148	163	2.4	2.4	16	10,210
★Gaza Strip	1967	356	344	451	506	2.7	2.9	3,466	146
★Guadeloupe	1974	324	321	327	332	.2	.4	483	687
★Guam	1980	106	86	107	115	2.1	1.8	550	209
★Hong Kong	1981	5,021	3,959	5,038	5,402	2.4	1.7	13,404	403
★Macau	1970	249	245	318	360	2.6	4.4	63,344	6
★Martinique	1974	324	325	326	327	–	.1	769	425
★Namibia	1981	1,010	766	984	1,074	2.5	2.2	3	318,259
★Netherlands Antilles	1971	218	218	242	253	1.0	1.2	798	317
★New Caledonia	1976	133	112	139	150	2.2	1.9	18	8,548
★Pacific Is., Trust Terr. of	1980	116	89	116	125	2.6	2.0	182	687
★Puerto Rico	1980	3,197	2,716	3,206	3,337	1.7	1.0	971	3,435
★Reunion	1974	477	445	504	533	1.3	1.4	550	969
★Virgin Islands	1980	97	63	98	105	4.3	1.8	789	133

– Represents or rounds to zero. NA Not available. X Not applicable. [1] For countries in which no recent census has been taken, survey or national registry data (identified respectively as "S" and "R") are shown. For countries in which the unadjusted census returns are not reported, adjusted census returns (identified as "A") are shown. [2] Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Includes inland waters. Data from U.S. Department of State, *Status of the World's Nations*, biennial, and Statistical Office of the United Nations, New York, NY, *Demographic Yearbook*. [4] Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States.

[5] Formerly Upper Volta. [6] Includes the Indian-held part of Jammu and Kashmir. [7] Excludes the Pakistani-held part of Jammu and Kashmir.

Source: U.S. Bureau of the Census, *World Population 1984*, forthcoming; and unpublished data.

No. 1476. Population Projections, by Region and for Selected Countries: 1990 to 2025

[In millions. Source of data presents 3 series of projections. Figures shown here are for *medium series*]

Region and country	1990	1995	2000	2025
World, total	**5,248.5**	**5,679.3**	**6,127.1**	**8,177.1**
More developed [1]	1,208.8	1,242.8	1,275.7	1,396.7
Less developed [1]	4,039.7	4,436.4	4,851.5	6,780.4
Africa	645.3	753.2	877.4	1,642.9
Eastern Africa [2]	189.7	224.7	266.2	531.4
Burundi	5.3	6.1	7.0	11.0
Ethiopia	42.7	50.1	58.4	112.0
Kenya	25.4	31.4	38.5	82.9
Madagascar	11.6	13.4	15.6	29.7
Malawi	8.3	9.8	11.7	23.2
Mozambique	16.2	18.8	21.8	39.7
Rwanda	7.3	8.8	10.6	22.2
Somalia	5.9	6.2	7.1	13.2
Uganda	18.8	22.5	26.8	52.3
Tanzania	27.0	32.5	39.1	83.8
Zambia	7.9	9.4	11.2	23.8
Zimbabwe	10.5	12.6	15.1	32.7
Middle Africa [2]	71.9	83.0	96.1	183.5
Angola	10.0	11.5	13.2	24.5
Cameroon	11.1	12.6	14.4	25.2
Cen. African Rep	2.9	3.3	3.7	6.7
Chad	5.7	6.4	7.3	13.1
Zaire	38.4	44.8	52.4	104.4
Northern Africa [2]	143.8	164.3	185.7	295.0
Algeria	26.0	30.5	35.2	57.3
Egypt	52.7	58.9	65.2	97.4
Libya	4.3	5.2	6.1	11.1
Morocco	27.6	31.9	36.3	59.9
Sudan	24.9	28.7	32.9	55.4
Tunisia	8.1	8.9	9.7	13.6
Southern Africa [2]	42.3	48.1	54.5	90.7
South Africa	36.8	41.6	46.9	76.3
Western Africa [2]	197.6	233.1	275.0	542.4
Benin	4.7	5.4	6.4	12.2
Burkina Faso [3]	8.0	9.1	10.5	19.5
Ghana	15.9	18.7	21.9	37.7
Guinea	6.1	7.0	7.9	13.9
Ivory Coast	11.5	13.4	15.6	28.1
Mali	9.3	10.7	12.4	21.4
Niger	7.1	8.3	9.8	18.9
Nigeria	113.3	135.5	161.9	338.1
Senegal	7.5	8.7	10.0	18.9
Togo	3.4	3.9	4.6	9.0
Latin America	453.2	501.3	550.0	786.6
Caribbean [2]	34.6	37.7	40.8	57.7
Cuba	10.5	11.2	11.7	13.6
Dominican Rep	7.0	7.7	8.4	12.2
Haiti	7.5	8.6	9.9	18.3
Middle America [2]	119.7	134.4	149.6	222.6
El Salvador	6.5	7.5	8.7	15.0
Guatemala	9.7	11.1	12.7	21.7
Honduras	5.1	6.0	7.0	13.3
Mexico	89.0	99.2	109.2	154.1
Nicaragua	3.9	4.5	5.3	9.2
Temperate South America [2]	49.1	52.3	55.5	70.1
Argentina	32.9	35.1	37.2	47.4
Chile	13.1	14.0	14.9	18.8
Uruguay	3.1	3.2	3.4	3.9
Tropical South America [2]	249.8	276.9	304.1	436.3
Bolivia	7.3	8.4	9.7	18.3
Brazil	150.4	165.1	179.5	245.8
Colombia	31.8	34.9	38.0	51.7
Ecuador	10.9	12.7	14.6	25.7
Paraguay	4.2	4.8	5.4	8.6
Peru	22.3	25.1	28.0	41.0
Venezuela	21.3	24.2	27.2	42.8
Northern America [2]	275.2	286.8	297.7	347.3
Canada	27.1	28.3	29.4	34.4
United States	248.0	258.3	268.1	312.7
East Asia [2]	1,317.2	1,390.4	1,470.0	1,696.1
China: Mainland	1,119.6	1,184.2	1,255.7	1,460.1
Hong Kong	6.1	6.6	6.9	7.9
Japan	122.7	125.1	127.7	127.6
Korea, Dem. People's Rep. of	22.4	24.9	27.3	37.6
Korea, Rep. of	43.8	46.8	49.5	58.6
South Asia	1,740.2	1,909.4	2,073.7	2,770.6
Eastern So. Asia [2]	440.4	480.8	519.7	684.7
Burma	44.5	49.8	55.2	82.2
Indonesia	178.4	191.9	204.5	255.3
Kampuchea	8.4	9.2	9.9	12.5
Laos	5.0	5.6	6.2	9.2
Malaysia	17.3	19.1	20.6	26.9
Philippines	61.4	68.3	74.8	102.3
Singapore	2.7	2.9	3.0	3.2
Thailand	56.2	61.1	66.1	86.3
Vietnam	65.4	71.7	78.1	105.1
Middle So. Asia [2]	1,169.9	1,279.9	1,385.7	1,815.9
Afghanistan	19.3	21.7	24.2	35.9
Bangladesh	115.2	130.3	145.8	219.4
India	831.9	899.1	961.5	1,188.5
Iran	51.8	58.7	65.5	96.2
Nepal	18.5	20.7	23.0	33.9
Pakistan	113.3	128.0	142.6	212.6
Sri Lanka	18.0	19.5	20.8	26.2
Western So. Asia [2]	129.9	148.7	168.3	270.0
Iraq	18.5	21.6	24.9	42.7
Israel	4.7	5.0	5.4	7.0
Jordan	4.3	5.2	6.4	13.4
Lebanon	3.0	3.3	3.6	5.2
Saudi Arabia	13.5	16.1	18.9	33.5
Syria	12.8	15.3	18.1	32.3
Turkey	56.0	62.4	68.5	99.3
Yemen Arab Rep	7.5	8.6	9.9	16.5
Europe (excl. Soviet Union)	499.5	506.5	513.1	526.9
Eastern Europe	115.7	118.2	121.0	131.2
Bulgaria	9.4	9.6	9.7	10.2
Czechoslovakia	16.0	16.3	16.8	18.8
German Dem. Rep	16.6	16.5	16.6	16.1
Hungary	10.8	10.8	10.9	10.9
Poland	39.0	40.2	41.4	45.9
Romania	23.9	24.8	25.6	29.2
Northern Europe [2]	82.6	83.0	83.4	83.6
Denmark	5.2	5.1	5.1	4.8
Finland	4.9	5.0	5.0	4.8
Ireland	3.8	4.0	4.2	5.2
Norway	4.2	4.2	4.2	4.3
Sweden	8.2	8.2	8.1	7.5
United Kingdom	55.8	56.0	56.2	56.4
Southern Europe [2]	146.4	150.0	153.1	162.8
Albania	3.4	3.8	4.1	5.8
Greece	10.2	10.5	10.7	11.8
Italy	57.4	57.9	58.2	56.9
Portugal	10.4	10.7	11.0	11.9
Spain	40.5	42.0	43.4	49.2
Yugoslavia	23.9	24.6	25.2	26.6
Western Europe [2]	154.8	155.3	155.6	149.3
Austria	7.5	7.5	7.5	7.3
Belgium	9.9	9.9	9.9	9.8
France	55.4	56.3	57.1	58.5
Germany, Fed. Rep. of	60.7	60.3	59.8	53.8
Netherlands	14.7	14.9	15.0	14.6
Switzerland	6.2	6.0	5.9	4.9
Soviet Union	291.3	303.1	314.8	367.1
Oceania [2]	26.7	28.5	30.4	39.5
Australia	16.7	17.7	18.7	23.5
New Zealand	3.4	3.6	3.7	4.2
Papua New Guinea	4.2	4.8	5.3	8.2

[1] Regions. [2] Includes countries not shown separately. [3] Formerly Upper Volta.

Source: Population Division of the United Nations, New York, NY, *World Population Prospects: Estimates and Projections as Assessed in 1992*, forthcoming.

No. 1477. Urban Population, Growth, Birth, and Death Rates and Life Expectancy—Selected Countries

[Covers countries with 10 million or more population in 1984. **Growth rate:** Annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population. **Crude birth rate:** Number of births during 1 year per 1,000 persons (based on midyear population). **Crude death rate:** Number of deaths during 1 year per 1,000 persons (based on midyear population). Minus sign (−) indicates decrease]

Country	Urban population		Growth rate of population, 1984 (percent)	Crude birth rate, 1984	Crude death rate, 1984	Expectation of life at birth			
	Year or period	Percent of total population				Year or period	Both sexes (yr.)	Male (yr.)	Female (yr.)
United States	1980	74	.9	15	9	1979	74	70	78
Afghanistan	1979	15	2.3	48	23	1978–79	41	41	40
Algeria	1977	41	2.9–3.4	40–45	11	1977	55	54	56
Argentina	1970	79	1.4–1.6	23–24	9	1975–80	69	65	72
Australia	1981	86	1.3	15–16	7–8	1981	75	71	78
Bangladesh	1974	9	3.1	48–49	17–18	1964–65	48	50	47
Brazil	1980	68	2.3	30–31	7	1974–75	60	58	63
Burma	1973	24	1.9–2.4	35–39	15	(X)	(NA)	(NA)	(NA)
Canada	1981	76	.9–1.3	15	7	1976	74	70	77
Chile	1982	81	1.4–1.8	22–25	6–8	1969–70	62	58	65
China:									
Mainland	1982	21	1.0	18	8	(X)	(NA)	(NA)	(NA)
Taiwan	1979	66	1.5–1.7	20–21	5	1981	72	70	75
Colombia	1973	64	1.8–2.3	26–31	7	1973	59	57	61
Czechoslovakia	1981	73	.2–.6	15–18	12	1981	71	67	74
Egypt	1976	44	2.6–2.7	37	11	1975	54	53	55
Ethiopia	1977	12	1.5–3.3	42–52	20–26	1964–71	36–44	(NA)	(NA)
France	1975	73	.4–.5	14–15	10	1978–80	74	70	78
German Dem. Rep	1981	76	−.1–.1	14–15	14	1980	72	69	75
Germany, Fed. Rep. of	(X)	(NA)	−.3–.4	9–10	12	1978–80	73	70	76
Ghana	1970	29	3.2–3.5	43–47	11	1970	49	47	50
Hungary	1982	54	−.2–.2	12–15	13–14	1981	70	66	73
India	1981	23	2.1–2.2	34–35	13	1976–77	50	51	50
Indonesia	1980	22	1.9–2.4	29–34	10–11	1975	46	45	48
Iran	1976	47	2.9–3.2	42–45	12	1973–76	58	58	57
Iraq	1977	64	3.0–3.6	44–48	12–14	(X)	(NA)	(NA)	(NA)
Italy	(X)	(NA)	.2–.5	11–13	10	1974–77	73	70	76
Japan	1975	76	.5–.6	11–12	6–7	1980–81	76	73	79
Kenya	1979	13	4.0–4.2	51–53	11	1977	53	51	56
Korea, Dem. Peo. Rep. of	(X)	(NA)	2.1–2.6	28–33	7–8	(X)	(NA)	(NA)	(NA)
Korea, Republic of	1980	57	1.4–1.7	22–25	7	1978–79	66	63	69
Malaysia	1970	27	2.0–2.3	27–30	7	1970	60	59	62
Mexico	1970	59	2.4–2.6	31–33	6	1970	61	59	63
Morocco	1971	35	2.7–3.0	40–43	12	1972	51	51	52
Mozambique	1980	15	2.6–2.8	45–48	19	(X)	(NA)	(NA)	(NA)
Nepal	1971	4	2.5	42–43	18	1976–78	44	45	44
Netherlands	1981	52	.4–.9	12–13	8	1979	76	72	79
Nigeria	1971–73	28	2.9–3.6	46–51	15–17	1970–73	41	40	43
Pakistan	1981	28	2.6–2.7	43–44	15	1962–65	48	49	47
Peru	1981	65	2.3–2.5	34–35	10	1970–75	55	53	57
Philippines	1975	32	2.2–2.3	31–32	7	1975	61	59	64
Poland	1982	59	.8–1.0	19–20	9–10	1980–81	71	67	75
Portugal	1970	26	.3–.8	15–17	9–10	1979	71	67	74
Romania	1980	50	.4–.9	15–19	10	1976–78	70	67	72
Saudi Arabia	(X)	(NA)	3.2–3.4	41–43	12	(X)	(NA)	(NA)	(NA)
South Africa	1980	53	2.2–2.6	31–35	10	1969–71	54	51	56
Soviet Union	1982	64	.8–1.0	18–20	10	1980	69	(NA)	(NA)
Spain	1970	64	.4–1.1	12–17	7–8	1975	73	70	76
Sri Lanka	1981	22	1.8	27–28	5–6	1970–72	64	63	66
Sudan	1973	18	2.8–3.4	44–49	17	1968–73	45–47	43–46	46–47
Syria	1980	47	3.4–3.8	44–47	7–8	1974–78	62	61	62
Tanzania	1978	13	2.5–3.2	44–49	17–19	1973	45–49	(NA)	(NA)
Thailand	1980	17	1.8–2.1	23–27	5–7	1974–75	61	58	64
Turkey	1980	44	2.0–2.2	29–31	9	1974–75	57	55	58
Uganda	1969	8	3.0–3.1	46–50	15–18	1969	46	46	47
United Kingdom	1971	77	−.1–.2	12–13	12	1977–79	73	70	76
Venezuela	1971	73	2.9–3.3	33–35	5	1974–75	67	64	69
Vietnam	1979	19	2.1–2.7	32–36	8–10	(X)	(NA)	(NA)	(NA)
Yugoslavia	1981	47	.7–.9	16–17	9	1979	70	68	73
Zaire	1970	22	2.6–3.1	43–46	14–17	1955–57	37–40	(NA)	(NA)

NA Not available. X Not applicable.

Source: U.S. Bureau of the Census, *World Population 1984*, forthcoming.

No. 1478. Infant Mortality, Hospitals, and Health Personnel, by Country

[**Infant mortality rate:** Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. **Hospitals:** Data refer to hospitals and other medical establishments with beds but exclude old people's homes and establishments for custodial or preventive care only. **Health personnel:** Data refer to persons *fully qualified from medical or dental schools and working* within the country. See text, p. 836, for general comments concerning the data. For additional qualifications of data for individual countries, see source]

COUNTRY	INFANT MORTALITY		HOSPITALS				HEALTH PERSONNEL			
	Year or period	Rate	Year	Number	Beds (1,000)	Population per bed	Year	Physicians	Population per physician	Dentists, number
United States	1982	11	1980	7,051	1,333.4	171	1980	414,916	549	126,420
Afghanistan	1978–79	182	1981	64	4.3	3,798	1981	[1] 1,215	[1] 13,467	[1 2] 110
Algeria	1977	127	1979	[3] 367	[3] 47.1	[3] 406	1979	6,881	2,780	1,483
Argentina	1979	39	1971	2,864	133.8	176	1975	48,693	530	(NA)
Australia	1981	10	1977	2,369	175.0	80	1980	26,140	559	5,200
Bangladesh	1977–78	148	1981	504	19.7	4,545	1981	10,065	8,908	[1] 248
Brazil	1976	81	1976	5,426	445.8	245	1974	62,743	1,632	(NA)
Burma	(X)	(NA)	1981	[3] 514	[3] 29.5	[3] 1,226	1981	7,321	4,940	410
Canada	1980	10	1978	1,226	182.8	129	1979	43,192	548	10,000
Chile	1980	35	1980	300	38.0	292	1979	[1] 5,671	[1] 1,926	[1] 1,477
China: Mainland	(X)	(NA)	1981	65,911	2,017.1	491	1981	[4] 518,089	1,910	(NA)
Taiwan [5]	1981	22	1982	11,615	53.5	345	1982	[6] 14,381	1,284	2,435
Colombia	1973	77	1980	849	44.5	609	1977	12,720	1,969	4,407
Czechoslovakia	1982	16	1981	[3] 580	190.7	80	1981	[7] 43,246	354	[2 7] 7,676
Egypt	1979	77	1981	1,521	86.9	500	1981	[8] 53,342	[8] 815	[8] 7,473
Ethiopia	1964–71	155–200	1980	86	11.1	2,787	1980	426	72,582	16
France	1981	10	1977	3,548	644.1	82	1977	[7] 91,442	560	[7] 27,683
German Dem. Rep.	1981	12	1978	(NA)	177.4	94	1980	33,894	494	9,709
Germany, F.R.	1981	12	1980	3,234	707.7	87	1980	139,431	442	33,240
Ghana	1970	115	1979	329	17.0	665	1981	1,665	7,245	95
Hungary	1982	20	1981	(NA)	[3] 98.3	[3] 109	1981	27,431	390	3,383
India	1978	125	1981	8,626	540.8	1,265	1981	[6] 268,712	[5] 2,545	[6] 8,648
Indonesia	1975	114	1979	998	83.1	1,787	1979	12,400	11,740	2,500
Iran	1974–76	112	1981	585	61.4	640	1981	15,182	2,590	2,218
Iraq	(X)	(NA)	1981	205	25.4	532	1981	7,634	1,772	1,387
Italy	1981	14	1979	1,832	554.6	103	1979	[4] 164,555	345	(NA)
Japan	1981	7	1981	9,224	1,362.2	86	1981	154,578	761	52,369
Kenya	1977	83	1978	(NA)	24.7	601	1978	[8] 1,466	[5] 10,136	[8] 230
Korea, Dem. Peo. Rep. of	(X)	(NA)	1979	(NA)	210.0	83	1979	[4] 40,750	429	(NA)
Korea, Rep. of	1978–79	36	1981	(NA)	63.8	607	1981	26,875	1,441	3,947
Malaysia [9]	1978	29	1981	163	32.1	370	1980	3,514	3,287	674
Mexico	1976–77	61	1974	1,575	67.4	863	1974	31,571	2,136	1,679
Morocco	1972	162	1981	[3] 143	[3] 24.3	[3] 848	1981	1,153	17,906	17
Mozambique	1967–68	147–150	1980	321	13.2	794	1980	309	33,883	[1 2] 96
Nepal	1976–78	119	1980	68	2.6	5,271	1980	487	28,767	[1] 17
Netherlands	1981	8	1980	788	177.3	80	1979	25,947	541	(NA)
Nigeria	1965–66	178	1980	(NA)	61.6	1,251	1980	8,037	9,591	285
Pakistan	1971	142	1981	(NA)	48.4	1,746	1981	[8] 26,668	[8] 3,172	[8] 999
Peru	1970–75	114	1977	437	29.9	547	1979	11,682	1,480	3,477
Philippines	1976	66	1980	(NA)	93.5	518	1981	[7] 7,378	[2] 6,713	[1] 1,090
Poland	1981	21	1979	1,086	266.4	132	1979	61,460	573	16,527
Portugal	1979	26	1978	502	52.3	187	1979	[7] 18,088	544	[7] 484
Romania	1981	29	1981	(NA)	196.1	114	1981	[1] 34,440	[1] 652	[1 2] 7,509
Saudi Arabia	(X)	(NA)	1981	95	14.5	645	1981	[1] 3,576	[1] 2,606	[1] 218
South Africa	1969–71	118	1973	788	156.2	152	1978	[8] 14,526	[8] 1,906	[8] 2,369
Soviet Union	1980	28–30	1980	23,100	3,324.2	80	1980	[4] 995,600	267	(NA)
Spain	1981	10	1979	1,135	203.8	182	1981	[7] 96,569	390	[7] 4,092
Sri Lanka	1978	38	1981	488	44.0	340	1981	[1] 1,964	[1] 7,631	[1] 269
Sudan	1968–73	140–144	1981	160	17.3	1,091	1981	[1] 2,169	8,714	334
Tanzania [10]	1973	120–130	1977	2,407	33.7	464	1977	960	16,282	[2] 45
Thailand	1974–75	76	1980	714	71.7	658	1980	6,867	6,870	[2] 1,224
Turkey	1974–75	125	1981	831	97.8	474	1981	28,411	1,632	6,790
Uganda	1969	120	1981	485	19.8	689	1981	611	22,291	17
United Kingdom [11]	1981	11	1980	3,106	387.9	127	1979	78,649	711	(NA)
Venezuela	1974–75	47	1978	444	41.4	317	1978	14,771	888	4,342
Vietnam	(X)	(NA)	1981	[3] 11,550	[3] 202.3	[3] 272	1981	13,517	4,067	[1 2] 803
Yugoslavia	1981	31	1980	(NA)	133.4	167	1981	33,444	673	[2] 7,430
Zaire	1955–57	165–177	1979	942	79.2	322	1979	1,900	13,452	[2] 58

NA Not available X Not applicable. [1] Personnel in government service. [2] Includes nonuniversity level dentists. [3] Government establishments only. [4] Includes nonuniversity level pharmacists. [5] Source of health data: U.S. Bureau of the Census, *Data from Republic of China, Statistical Yearbook of the Republic of China, 1983.* [6] Includes Chinese herb doctors. [7] Stomotologists and odontologists included with physicians. [8] Number of registered persons. [9] Health data cover West Malaysia only. [10] Health data cover Mainland Tanzania only. [11] Health data cover England and Wales only.

Source: Infant mortality—U.S. Bureau of the Census, *World Population 1984*, forthcoming; Health—Statistical Office of the United Nations, New York, NY, *Statistical Yearbook*. (Copyright.)

No. 1479. Suicide Rates for Selected Countries, by Sex and Age Group: 1975 and 1981

[Rate per 100,000 population. Includes deaths resulting indirectly from self-inflicted injuries]

Country	Male						Female					
	1975, total	1981					1975, total	1981				
		Total [1]	15-24 yr.	25-44 yr.	45-64 yr.	65 yr. and over		Total [1]	15-24 yr.	25-44 yr.	45-64 yr.	65 yr. and over
United States	**18.9**	**18.0**	**19.7**	**24.5**	**23.7**	**33.5**	**6.8**	**5.7**	**4.6**	**8.0**	**9.4**	**6.0**
Australia [2]	15.2	16.4	17.6	23.1	23.1	25.3	7.0	5.6	4.5	8.1	8.6	7.9
Austria [2]	35.5	42.1	33.6	49.5	60.4	81.6	13.9	14.5	6.8	13.3	21.3	28.2
Denmark	29.9	38.9	17.1	44.9	63.9	74.1	18.4	21.3	5.0	21.4	40.6	35.7
France	22.9	28.5	14.6	30.6	42.0	73.9	9.0	11.1	5.0	11.0	16.0	23.6
Germany, Fed. Rep	27.8	29.6	21.2	33.1	40.5	59.0	14.6	14.4	6.4	12.5	21.3	27.3
Ireland [2]	6.6	8.6	9.7	12.3	11.4	19.0	2.8	2.9	1.8	4.4	6.0	4.0
Israel [2 3]	9.6	8.1	10.8	9.4	12.9	23.4	7.1	3.8	1.2	4.3	6.6	15.9
Japan	21.4	22.0	14.8	25.9	34.5	49.1	14.6	12.4	6.4	11.6	15.9	40.1
Netherlands	10.8	12.2	5.3	14.5	20.7	28.2	7.0	7.9	3.8	8.7	12.9	15.9
Norway	14.2	19.1	20.2	22.5	32.0	22.3	5.6	6.5	3.3	6.0	13.4	6.5
Poland [2]	19.3	21.8	19.5	31.8	34.9	24.7	3.7	4.0	4.3	4.6	6.3	5.8
Sweden	27.7	24.6	14.3	27.1	40.2	39.4	11.2	10.6	4.1	11.6	17.5	16.0
Switzerland	32.5	33.6	33.5	33.4	46.6	64.2	12.9	14.4	10.2	16.5	19.9	23.1
United Kingdom [4]	9.1	11.4	7.0	14.8	17.6	18.3	6.0	6.5	2.1	5.8	11.1	12.5

[1] Includes other age groups not shown separately. [2] 1981 data not available. 1982 data shown for Austria; 1980 data shown for Australia and Israel; and 1979 data shown for Ireland and Poland. [3] Jewish population. [4] England and Wales only.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual; and unpublished data.

No. 1480. Public Expenditure for Education and Illiteracy, by Selected Country

[**Expenditure:** Includes both capital and current expenditures on public education and subsidized private education. **Illiteracy:** Defined as inability both to read and write in any, or a specified, language. See text, p. 836, for general comments concerning the data. For additional qualifications for individual countries, see source]

Country	Public expenditure for education			Percent of adult population illiterate, [1] 1980	Country	Public expenditure for education			Percent of adult population illiterate, [1] 1980
	Year	Percent of total public expenditure	Percent of gross national product			Year	Percent of total public expenditure	Percent of gross national product	
United States	1981	(NA)	6.9	.5	Malaysia	1981	(NA)	6.8	27.9
					Mexico	1981	13.6	3.8	16.1
Afghanistan	1981	8.8	1.8	88.7	Morocco	1981	18.9	6.0	74.4
Algeria	1980	24.3	8.3	58.2	Mozambique	(X)	(NA)	(NA)	72.5
Argentina	1980	15.1	3.9	6.7	Nepal	1981	(NA)	2.0	82.7
Australia	1980	14.8	5.9	.5	Netherlands	1980	(NA)	8.4	.5
Bangladesh	1980	8.2	1.7	58.6	Nigeria	1979	16.2	3.9	70.1
Brazil	1979	(NA)	3.3	24.5	Pakistan	1980	5.0	1.8	67.5
Burma	1977	12.2	1.6	30.3	Peru	1981	18.8	3.7	18.5
Canada	1980	17.3	7.7	.5					
Chile	1981	(NA)	5.4	7.5	Philippines	1980	10.3	1.6	11.3
					Poland	1981	[4] 7.5	[3 4] 4.7	.6
Colombia	1981	(NA)	[2] 2.6	13.7	Portugal	1980	(NA)	4.5	19.9
Czechoslovakia	1981	(NA)	[3] 5.2	(NA)	Romania	1981	7.4	3.1	4.0
Egypt	1981	9.4	4.4	45.7	Saudi Arabia	1981	8.7	6.4	83.8
Ethiopia	1981	11.3	3.7	95.2	South Africa	1976	15.0	4.3	20.7
France	1980	(NA)	5.0	.5	Soviet Union	1981	10.9	[3] 7.0	.5
German Dem. Rep	1980	(NA)	[3 4] 5.3	(NA)	Spain	1979	16.4	2.6	7.2
Germany, Fed. Rep. of	1979	10.1	4.7	.5	Sri Lanka	1981	8.7	3.0	(NA)
Ghana	1981	(NA)	[5] 2.0	55.2	Sudan	1980	9.1	4.8	78.4
					Syria	1981	(NA)	4.3	45.0
Hungary	1981	5.5	[3] 6.0	.7	Tanzania	1979	10.7	5.8	52.5
India	1980	10.0	3.0	59.7	Thailand	1981	(NA)	3.6	14.2
Indonesia	1981	9.3	2.2	33.1	Turkey	1980	10.5	2.7	34.8
Iran	1980	15.7	6.5	53.4	Uganda	1980	11.3	.7	52.1
Iraq	1979	(NA)	3.2	56.6	United Kingdom	1980	13.9	5.8	.5
Italy	1979	11.1	5.1	5.2	Venezuela	1980	14.7	5.2	17.7
Japan	1980	19.6	5.8	.5	Yugoslavia	1980	32.5	4.9	13.0
Kenya	1979	18.0	6.1	50.4	Zaire	1980	[4] 32.3	[4] 6.0	42.1
Korea, Republic of	1981	(NA)	3.4	7.3					

NA Not available. X Not applicable. [1] Population, 15 years old and over. [2] Ministry of Education expenditures only. [3] Percent of net material product. [4] Current expenditures only. [5] Excludes expenditures on universities.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); and "Estimates and Projections of Illiteracy," CSR E-29.

No. 1481. Gross National Product, in Current and Constant (1981) Dollars and Per Capita: 1975 to 1982

[**In billions of dollars, except per capita.** For explanation of conversion to U.S. dollars, see headnote, table 1513. For explanation of gross national product (GNP), see text, p. 427]

Country	Current dollars						Constant (1981) dollars					
										Per capita (dol.)		
	1975	1978	1979	1980	1981	1982	1975	1980	1982	1975	1980	1982
United States	1,556.1	2,162.0	2,421.0	2,637.0	2,948.7	3,071.4	2,416.1	2,883.0	2,897.2	11,290	12,661	12,482
Afghanistan	1.8	2.4	2.6	2.9	(NA)	(NA)	2.7	3.1	(NA)	203	203	(NA)
Algeria	18.0	27.7	31.2	35.6	40.8	44.6	27.9	38.9	42.1	1,742	2,068	2,092
Argentina	77.0	93.9	109.3	119.6	120.4	120.3	119.6	130.7	113.5	4,689	4,719	3,887
Austria	35.1	46.8	53.4	60.1	65.7	70.0	54.5	65.7	66.0	7,262	8,756	8,686
Bangladesh	5.6	8.2	9.3	10.6	12.3	13.2	8.7	11.6	12.5	109	131	133
Belgium	55.2	73.2	80.9	89.8	96.4	101.7	85.7	98.2	96.0	8,743	9,918	9,691
Brazil	134.0	193.4	223.0	260.8	274.2	295.6	208.1	285.1	278.9	1,918	2,337	2,173
Bulgaria	20.5	25.5	28.8	30.5	34.4	37.5	31.8	33.4	35.3	3,659	3,747	3,969
Burma	2.5	3.7	4.2	4.9	5.7	6.4	4.0	5.4	6.1	129	156	167
Canada	148.4	199.1	222.3	242.1	274.7	276.7	230.5	264.6	261.0	10,153	11,026	10,610
Chile	13.6	20.3	23.7	27.8	31.6	28.8	21.0	30.3	27.2	2,063	2,758	2,404
China:												
Mainland [1]	271.0	400.0	471.0	552.0	622.0	698.0	420.8	603.5	658.4	446	595	630
Taiwan	17.2	29.4	34.5	40.0	46.0	50.6	26.8	43.8	47.7	1,662	2,459	2,579
Colombia	17.7	25.5	29.2	33.1	36.9	39.5	27.5	36.2	37.2	1,141	1,460	1,373
Czechoslovakia	80.9	104.2	114.3	127.6	138.1	147.1	125.6	139.5	138.7	8,485	9,115	9,007
Egypt	9.3	16.5	18.4	22.2	25.3	29.4	14.4	24.3	27.7	389	575	621
Ethiopia	2.3	2.9	3.3	3.8	4.2	4.6	3.6	4.2	4.4	123	139	142
France	311.6	421.7	473.4	522.5	572.1	607.4	483.9	571.2	573.0	9,181	10,637	10,532
German Dem. Rep.	92.2	117.8	131.6	147.0	164.8	175.5	143.1	160.7	165.6	8,469	9,622	9,914
Germany, Fed. Rep.	371.0	500.0	566.3	628.1	688.2	720.5	576.1	686.7	679.6	9,321	11,148	11,032
Ghana	17.7	22.9	23.7	25.9	27.8	26.9	27.6	28.3	25.4	2,675	2,337	1,968
Greece	19.9	28.2	31.7	35.1	37.7	40.2	30.9	38.3	37.9	3,438	3,992	3,870
Hungary	37.2	48.6	52.9	58.4	64.1	69.1	57.8	63.8	65.2	5,500	5,962	6,092
India	84.6	118.9	122.9	143.2	165.2	178.1	131.4	156.6	168.0	213	226	235
Indonesia	33.8	50.9	57.9	69.0	82.5	89.7	52.5	75.4	84.6	383	499	536
Iran [1]	65.2	75.7	96.2	89.2	67.4	(NA)	101.2	97.5	(NA)	3,040	2,513	[2] 1,684
Iraq [1]	14.2	23.7	34.6	39.9	24.6	25.2	22.0	43.6	23.7	1,965	3,328	1,696
Italy	186.2	248.9	283.7	320.9	350.3	374.2	289.2	350.8	352.9	5,181	6,155	6,268
Japan	552.4	772.8	882.1	1,001.3	1,129.1	1,227.0	857.7	1,094.7	1,157.3	7,685	9,372	9,774
Kenya	3.0	4.3	5.0	5.7	6.5	7.1	4.7	6.2	6.7	346	381	374
Korea, Dem. Peo. Rep.	10.1	12.4	14.0	15.9	(NA)	16.2	15.7	17.4	15.3	986	971	817
Korea, Rep. of	26.7	45.4	52.4	53.5	62.3	69.5	41.4	58.5	65.6	1,128	1,470	1,611
Madagascar	1.9	2.2	2.6	2.8	2.8	2.9	2.9	3.1	2.8	383	362	304
Malaysia	9.6	14.5	17.2	20.2	24.1	26.2	14.8	22.1	24.7	1,196	1,577	1,683
Mexico	102.6	143.5	169.3	198.7	231.8	243.7	159.3	217.2	229.9	2,713	3,199	3,114
Morocco	7.8	11.0	12.5	14.1	15.1	16.9	12.1	15.4	15.9	662	732	718
Mozambique	2.8	3.3	3.6	4.0	4.5	4.8	4.3	4.4	4.5	477	360	355
Nepal	1.4	1.9	2.1	2.2	2.5	2.7	2.2	2.4	2.6	167	158	161
Netherlands	80.1	106.6	118.0	129.7	140.1	146.3	124.4	141.8	138.0	9,079	10,055	9,650
Nigeria	44.0	59.0	67.7	74.1	76.9	77.6	68.4	81.0	73.2	1,040	1,051	887
Pakistan	13.4	19.3	21.9	25.9	30.2	33.6	20.8	28.3	31.7	276	325	344
Peru	12.3	14.8	16.5	18.9	21.4	22.8	19.1	20.6	21.5	1,232	1,172	1,155
Philippines	17.7	25.7	29.8	33.9	38.4	41.8	27.4	37.0	39.5	636	754	761
Poland	120.5	155.8	166.3	177.3	183.6	186.8	187.2	193.8	176.2	5,504	5,444	4,868
Portugal	11.9	16.2	18.3	20.7	22.7	24.5	18.4	22.6	23.1	1,956	2,282	2,313
Romania	50.8	72.2	81.3	87.5	96.3	104.8	78.8	95.6	98.9	3,717	4,308	4,394
South Africa	43.1	53.9	61.2	72.2	82.7	87.2	66.9	79.0	82.3	2,625	3,197	2,723
Soviet Union	890.1	1,165.0	1,275.4	1,423.8	1,587.0	1,715.0	1,382.0	1,556.6	1,617.7	5,430	5,863	5,991
Spain	107.2	139.0	151.7	167.4	183.7	197.2	166.4	183.1	186.0	4,700	4,894	4,894
Sri Lanka	2.0	2.8	3.2	3.8	4.3	4.8	3.1	4.1	4.6	223	279	287
Sudan	4.6	8.0	8.2	8.8	10.0	11.3	7.1	9.6	10.7	446	514	534
Sweden	68.4	82.2	92.9	102.8	111.6	118.9	106.3	112.4	112.2	12,958	13,536	13,516
Switzerland	56.7	69.5	77.5	88.1	98.2	102.0	88.0	96.3	96.2	13,744	15,047	15,030
Syria	7.0	9.7	11.0	13.3	15.7	17.6	10.9	14.5	16.6	1,473	1,649	1,764
Tanzania	2.8	3.8	4.3	4.8	5.2	5.6	4.3	5.3	5.3	278	284	264
Thailand	15.4	23.4	26.6	30.6	35.0	38.7	23.9	33.4	36.5	563	700	734
Turkey	32.1	44.5	48.0	51.8	58.9	65.3	49.8	56.6	61.6	1,229	1,230	1,279
Uganda	7.4	8.9	8.4	8.9	10.3	11.6	11.5	9.7	10.9	1,003	756	813
United Kingdom	301.0	392.3	434.2	465.5	499.0	531.6	467.3	508.9	501.4	8,344	9,087	8,954
Venezuela	36.8	52.4	57.3	61.8	68.1	70.5	57.1	67.6	66.5	4,493	3,906	3,820
Yugoslavia	33.2	49.4	55.5	61.6	67.8	71.8	51.5	67.4	67.7	2,406	3,007	2,981
Zaire	3.5	3.9	4.2	4.7	5.1	5.4	5.4	5.1	5.1	214	180	167

NA Not available. [1] Estimated. [2] 1981 data.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

No. 1482. Organization for Economic Cooperation and Development (OECD)—Gross National Product, 1980 to 1983, and Change, 1980–1983 and 1982–1983

[For interpretation of the absolute levels of GNP and per capita GNP, the market exchange rates used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. As a consequence, it should not be concluded, for instance, that Switzerland's individual standard of living in 1983 was 11 percent higher than that of the U.S., or that the United Kingdom's was 43 percent lower, as the statistics may imply]

COUNTRY	GROSS NATIONAL PRODUCT (GNP)					GNP PER CAPITA					Inflation rate, [3] 1982–1983 (percent)
	Total in constant (1983) dollars (bil.) [1]			Annual percent change [2]		In constant (1983) dollars [1]			Annual percent change [2]		
	1980	1982	1983	1980–1983	1982–1983	1980	1982	1983	1980–1983	1982–1983	
United States	**3,174.4**	**3,186.9**	**3,304.8**	**1.3**	**3.7**	**13,941**	**13,733**	**14,093**	**.3**	**2.6**	**3.8**
OECD Europe [4]	**2,831.3**	**2,846.2**	**2,881.9**	**.6**	**1.3**	**7,184**	**7,159**	**7,213**	**.1**	**.8**	**6.1**
Belgium	80.9	80.9	81.3	.1	.5	8,213	8,213	8,245	.1	.4	6.0
Luxembourg	3.5	3.4	3.3	−1.7	−2.4	9,722	9,189	8,919	−2.7	−2.9	8.2
Denmark	51.5	53.3	54.6	1.9	2.5	10,059	10,410	10,684	2.0	2.6	7.6
France	504.5	514.1	517.7	.8	.7	9,393	9,482	9,473	.3	−.1	9.7
Germany, Fed. Rep	654.2	647.1	655.5	(Z)	1.3	10,627	10,498	10,672	.1	1.7	3.2
Greece	35.7	35.6	35.7	–	.3	3,703	3,636	3,624	−.7	−.3	19.5
Ireland	16.0	16.4	16.6	1.3	1.0	4,706	4,713	4,729	.1	.3	11.5
Italy	354.4	353.7	349.5	−.4	−1.2	6,281	6,245	6,149	−.7	−1.5	15.3
Netherlands	133.4	130.3	131.6	−.4	1.0	9,434	9,106	9,164	−.9	.6	1.1
United Kingdom	433.0	437.2	450.8	1.3	3.1	7,691	7,760	7,999	1.3	3.1	5.3
Austria	64.9	65.6	66.8	.9	1.9	8,596	8,666	8,848	.9	2.1	3.9
Finland	43.4	45.1	46.5	2.3	3.0	9,079	9,357	9,568	1.8	2.3	8.5
Iceland	2.3	2.3	2.2	−1.0	−4.2	10,000	10,000	9,167	−2.7	−8.3	83.0
Norway	51.9	51.7	53.4	.9	3.2	12,689	12,579	12,930	.6	2.8	7.2
Portugal	18.8	19.6	19.5	1.2	−.5	1,899	1,954	1,931	.5	−1.2	23.0
Spain	149.5	151.6	155.1	1.2	2.3	3,994	3,997	4,057	.5	1.5	11.9
Sweden	87.6	87.5	89.5	.7	2.3	10,542	10,504	10,744	.6	2.3	9.9
Switzerland	101.1	101.4	101.3	(Z)	−.1	15,622	15,672	15,633	−.4	−.2	3.6
Turkey	44.7	49.4	51.0	4.5	3.3	995	1,067	1,078	2.7	1.0	30.1
Australia	143.2	147.9	149.5	1.4	1.1	9,748	9,743	9,727	(−Z)	−.2	8.5
Canada	306.8	306.2	315.4	.9	3.0	12,762	12,432	12,662	.2	1.9	5.8
Japan	1,046.2	1,122.8	1,156.5	3.4	3.0	8,956	9,479	9,697	2.7	2.3	.7
New Zealand	20.8	21.4	21.8	1.7	1.7	6,688	6,772	6,813	.6	.6	5.0

– Represents zero. Z Less than .05 percent. [1] National currency values converted into dollars by the average 1983 Par Rate/Market Rate, as published by the International Monetary Fund, Washington, DC. [2] Minus sign (−) indicates decrease. [3] GNP or GDP. (Gross Domestic Product) implicit price deflators; totals weighted by 1982 (base year) OECD weights. [4] See text, p. 836.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1973–1983*, Report No. 809AR (Revised), 1984, and unpublished data.

No. 1483. Gross Domestic Product, Total and Per Capita, Using Purchasing Power Parities—Selected Countries: 1970 to 1982

[The goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (PPP) instead of exchange rates is intended to achieve this objective. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further explanation of PPP, see text, p. 836]

COUNTRY	GROSS DOMESTIC PRODUCT (bil. dol.)						GROSS DOMESTIC PRODUCT PER CAPITA (dollars)					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
United States	988.7	1,538.8	2,382.2	2,598.6	2,923.8	3,041.4	4,822	7,125	10,585	11,412	12,720	13,106
E. E. C., total [1]	857.2	1,350.4	2,033.8	2,248.7	2,449.9	2,622.4	3,293	5,057	7,551	8,321	9,043	9,661
Belgium	32.1	52.6	77.3	87.2	94.2	101.4	3,332	5,369	7,861	8,860	9,562	10,293
Denmark	18.9	28.6	43.1	46.9	50.9	56.1	3,828	5,658	8,430	9,160	9,939	10,968
France	174.6	292.4	445.1	491.8	538.7	582.7	3,440	5,547	8,323	9,156	9,982	10,747
Germany, Fed. Rep	223.2	342.1	522.6	582.5	636.4	670.6	3,679	5,533	8,517	9,461	10,317	10,880
Greece	14.4	25.4	40.4	44.9	49.1	53.0	1,639	2,804	4,236	4,661	5,048	5,410
Ireland	6.0	10.1	15.8	18.0	19.9	21.5	2,032	3,186	4,701	5,279	5,787	6,166
Italy	155.0	240.4	366.0	415.8	454.7	482.6	2,889	4,337	6,502	7,370	8,048	8,520
Luxembourg	1.5	2.2	3.3	3.6	3.8	3.9	4,409	6,236	9,142	9,899	10,442	10,746
Netherlands	47.3	76.1	112.7	124.3	134.6	141.1	3,629	5,570	8,028	8,781	9,446	9,858
United Kingdom	184.1	280.5	407.3	433.6	467.5	509.4	3,317	5,011	7,260	7,742	8,346	9,095
Austria	22.5	37.5	56.4	63.5	69.3	74.6	3,025	4,986	7,513	8,460	9,224	9,852
Japan	316.4	546.2	875.1	1,004.0	1,140.9	1,254.2	3,050	4,898	7,552	8,596	9,696	10,589
Portugal	11.9	20.3	33.1	37.6	41.3	45.5	1,319	2,153	3,361	3,808	4,157	4,552
Spain	77.7	140.0	199.0	220.9	241.8	260.6	2,295	3,941	5,362	5,908	6,422	6,870
Other O.E.C.D. countries [2]	276.2	468.6	690.2	768.5	863.8	914.4	2,690	4,523	6,338	6,956	7,706	8,040

[1] European Economic Community. [2] Organization for Economic Cooperation and Development. Includes Australia, Canada, Finland, Iceland, Norway, Sweden, Switzerland, Turkey, and Yugoslavia.

Source: Organization for Economic Cooperation and Development, Paris, France, *National Accounts of OECD Countries*, vol. I, annual.

No. 1484. Per Capita Consumption of Major Food Commodities—Selected Countries: 1980

[In kilograms. Kilogram=2.205 pounds]

Commodity	United States [1]	France	Germany, Fed. Rep.	Italy	Netherlands	Poland	Soviet Union	Spain	Sweden	United Kingdom	Yugoslavia
Beef [2]	46.9	18.5	21.5	25.2	20.1	18.5	11.0	11.2	17.0	12.0	14.8
Pork [2]	33.3	9.9	50.3	20.9	35.6	37.2	23.5	25.9	34.7	6.1	22.6
Poultry	27.7	17.2	9.6	17.9	9.7	11.2	6.0	21.0	4.9	9.8	12.9
Fish [3]	5.8	16.2	10.7	11.0	12.2	8.1	17.0	(NA)	16.7	7.1	(NA)
Fresh fruit	40.2	63.6	84.0	119.1	69.0	37.7	34.0	132.0	54.8	30.7	59.3
Citrus fruit	13.1	28.0	28.2	35.7	24.8	13.7	(NA)	31.8	14.0	7.8	6.5
Cheese	8.0	18.2	13.9	14.2	13.5	(NA)	(NA)	4.1	13.5	5.7	6.9
Butter	2.0	8.9	7.1	2.1	3.6	6.9	(NA)	.5	6.3	6.0	.6
Margarine	5.1	2.3	8.3	10.4	12.6	6.8	8.6	(NA)	14.8	5.7	3.1
Sugar	38.0	15.0	35.6	30.6	41.9	41.4	42.2	27.6	19.5	16.5	30.9

NA Not available. [1] Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures*, Statistical Bulletin 702, December 1983. [2] Weighted on a carcass weight basis. [3] Covers fresh, frozen, cured and canned fish.

No. 1485. Percent of Households Owning Selected Appliances—Selected Countries: 1981

Appliance	United States [1]	France	Germany, Fed. Rep.	Italy	Netherlands	Poland	Soviet Union	Spain	Sweden	United Kingdom	Yugoslavia
Clothes washer	74	81	90	90	89	17	55	80	70	86	80
Dishwasher	37	18	23	18	11	(NA)	(NA)	10	25	5	(NA)
Freezer	38	29	59	31	46	28	(NA)	12	69	31	47
Range:											
Electric	54	20	73	4	10	53	(NA)	12	92	40	90
Gas	46	67	18	85	85	30	(NA)	80	5	55	
Refrigerator	(NA)	95	97	93	98	80	65	85	96	93	82
Television set:											
Black and white	48	52	50	86	40	50	60	80	80	35	63
Color	82	44	70	23	72			36	27	78	

NA Not available. [1] Represents appliances possessed and generally used by the household. Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristics, 1981*, August 1983.

Source of tables 1484 and 1485: Except as noted, Euromonitor Publications Limited, London, England, *European Marketing Data and Statistics*, annual. (Copyright.)

No. 1486. World Motor Vehicle Registrations by Selected Country: 1975 to 1982

[In millions, except as indicated]

Country	1975	1980	1982		
			Total vehicles [1]	Cars	
				Number	Persons per car
World, total	**327.9**	**411.1**	**436.5**	**336.0**	**13.0**
United States	133.0	155.9	159.5	123.7	1.8
Other North and Central America [2]	16.3	19.6	23.1	17.4	6.0
Canada	11.0	13.2	13.8	10.5	2.3
Mexico	3.3	4.8	6.6	4.8	14.0
South America [2]	13.0	16.8	20.5	16.5	15.0
Argentina	3.1	4.2	4.8	3.4	8.2
Brazil	6.7	10.2	10.6	9.6	13.0
Venezuela	1.3	1.9	2.2	1.5	12.0
Europe [2]	114.1	145.5	154.7	130.1	5.7
Belgium	2.9	3.5	3.6	3.2	3.0
Czechoslovakia	1.8	2.6	2.8	2.4	6.3
Denmark	1.5	1.6	1.6	1.4	3.7
France	17.9	21.7	23.1	20.4	2.6
German Dem. Rep.	2.4	3.1	3.2	2.8	5.9
Germany, Fed. Rep.	19.5	24.8	25.7	22.1	2.7
Greece	.6	1.3	1.5	1.0	9.8
Hungary	.7	1.2	1.3	1.2	9.0
Italy	16.3	19.1	21.3	19.6	2.9
Netherlands	3.8	4.6	5.0	4.6	3.0
Poland	1.6	3.1	3.6	2.9	12.0
Portugal	.9	1.2	1.4	1.0	9.5
Europe—Con.					
Soviet Union	9.8	15.5	17.9	9.8	27.0
Spain	5.9	8.9	9.9	8.4	4.5
Sweden	2.9	3.1	3.1	2.9	2.8
Switzerland	2.0	2.6	2.7	2.6	2.4
United Kingdom	16.4	17.4	17.9	16.1	3.4
Yugoslavia	1.7	2.7	3.2	2.7	8.3
Africa [2]	6.5	9.5	10.7	7.0	71.0
Nigeria	.3	.9	1.2	.7	126.0
South Africa	3.0	3.5	3.7	2.6	11.0
Asia [2]	37.4	52.3	58.2	35.5	72.0
China: Mainland	.7	.9	1.0	.1	14,402.0
India	1.4	1.5	1.8	.9	765.0
Indonesia	.6	1.2	1.5	.8	197.0
Iran	1.0	1.4	1.7	1.3	31.0
Japan	28.1	37.9	41.3	25.5	4.6
Korea, Republic of	.2	.5	.6	.3	135.0
Pakistan	.3	.4	.4	.3	286.0
Philippines	.7	1.1	.9	.3	149.0
Saudi Arabia	.3	1.4	1.6	.9	12.0
Thailand	.5	.9	1.0	.5	110.0
Turkey	.7	1.1	1.1	.6	57.0
Oceania [2]	7.7	9.5	9.9	7.8	2.9
Australia	6.1	7.4	8.0	6.3	2.3
New Zealand	1.4	1.8	1.7	1.4	2.2

[1] Includes trucks and buses, not shown separately. [2] Includes other countries, not shown separately.

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *MVMA Motor Vehicle Facts & Figures*, annual.

No. 1487. Communications—Telephones, Newspapers, Television, and Radio, by Country

[See text, p. 836, for general comments about the data. For additional data qualifications for countries, see source]

Country	Telephones per 100 population,[1] 1981	Daily newspaper circulation, copies per 1,000 population,[2] 1979	Television receivers per 1,000 population,[3] 1981	Radio receivers per 1,000 population,[4] 1981	Country	Telephones per 100 population,[1] 1981	Daily newspaper circulation, copies per 1,000 population,[2] 1979	Television receivers per 1,000 population,[3] 1981	Radio receivers per 1,000 population,[4] 1981
World, total	[5] 11.5	(NA)	(NA)	(NA)	Israel	31.3	(NA)	240	253
United States	78.9	282	631	2,110	Italy	[11] 36.4	[7] 97	390	243
					Jamaica	6.2	59	82	383
Algeria	3.3	22	61	204	Japan	47.9	569	551	668
Argentina	9.8	(NA)	197	748	Kampuchea	(NA)	(NA)	4	77
Australia	[5] 48.9	336	380	1,112	Kenya	1.3	10	4	33
Austria	42.1	351	[5] 298	466	Korea, Rep. of	[5] 7.7	[9] 197	[5] 175	413
Bangladesh	.1	5	1	[6] 8	Kuwait	15.9	[9] 159	257	286
Belgium	38.7	228	[6] 300	466	Lebanon	(NA)	(NA)	279	744
Bolivia	(NA)	39	59	547	Luxembourg	62.6	358	250	618
Brazil	7.2	[7] 44	122	308	Madagascar	.4	(NA)	7	201
Bulgaria	17.0	[6] 187	238		Malaysia	5.3	(NA)	[8] 85	405
Burma	[8] .1	10	[9] 11	22	Mexico	7.7	(NA)	111	288
Canada	69.3	241	489	1,149	Morocco	1.2	(NA)	40	155
Chile	5.2	87	111	297	Netherlands	53.9	325	[6] 301	315
					New Zealand	55.0	345	285	890
China:					Nigeria	[9] .2	(NA)	6	73
Mainland	.4	(NA)	5	60	Norway	46.5	456	[6] 298	329
Taiwan	23.6	(NA)	267	376	Pakistan	.4	14	11	71
Colombia	6.5	[10] 48	87	120	Panama	9.5	79	120	157
Costa Rica	10.9	70	72	82					
Cuba	4.2	91	154	309	Paraguay	1.9	(NA)	23	73
Cyprus	20.2	108	[6] 243	628	Peru	[5] 2.7	[9] 51	49	159
Czechoslovakia	21.0	304	[5] 281	316	Philippines	1.5	(NA)	22	44
Denmark	67.4	367	[6] 364	[6] 381	Poland	9.7	237	[6] 228	[6] 243
Dominican Republic	3.0	42	71	42	Portugal	14.9	(NA)	[5] 141	162
					Puerto Rico	22.0	139	234	585
Ecuador	3.3	49	61	318	Romania	(NA)	181	[5] 170	[6] 143
Egypt	1.2	(NA)	40	150	Saudi Arabia	11.2	(NA)	248	295
El Salvador	2.2	(NA)	63	324	Singapore	31.7	249	[6] 170	197
Ethiopia	[5] 2.8	2	1	8					
Finland	52.2	480	414	875	South Africa	11.8	[9] 66	70	275
France	49.8	[9] 205	361	927	Soviet Union	[12] 9.3	[9] 395	306	504
German Dem. Rep	19.4	517	[6] 349	386	Spain	32.9	[9] 128	254	260
					Sri Lanka	.7	(NA)	3	107
Germany, Fed. Rep. of	48.8	[9] 423	[6] 348	383	Sudan	.4	1	6	74
Ghana	.6	[7] 31	6	166	Sweden	82.8	526	[6] 387	847
Greece	30.2	(NA)	[6] 160	350	Switzerland	75.1	395	365	[5] 363
Guatemala	[9] 1.2	(NA)	24	43	Syria	4.6	12	43	193
					Thailand	1.1	(NA)	17	125
Honduras	[8] .8	63	13	47	Trinidad and Tobago	(NA)	171	224	338
Hong Kong	35.0	(NA)	225	505	Tunisia	3.0	44	51	161
Hungary	12.1	242	[5] 262	257	Turkey	4.7	(NA)	110	95
Iceland	48.0	557	[6] 288	584	United Kingdom	49.7	(NA)	411	963
India	.5	20	[8] 2	59	Uruguay	10.1	(NA)	125	564
Indonesia	.4	(NA)	21	120	Venezuela	[8] 5.8	176	126	405
Iran	2.9	(NA)	53	178	Yugoslavia	10.2	103	[8] 195	[6] 209
Iraq	(NA)	(NA)	51	166	Zimbabwe	2.9	16	10	33
Ireland	20.8	229	241	436					

NA Not available. [1] Comprises public and private telephones installed which can be connected to a central exchange. [2] Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. [3] Estimated number of sets in use, except as noted. [4] Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. [5] For 1980. [6] Number of licenses issued. [7] For 1978. [8] For 1979. [9] For 1977. [10] Refers to circulation of 33 out of 38 dailies only. [11] Includes San Marino. [12] Excludes telephone systems of the military forces.

Source: Except Taiwan, Statistical Office of the United Nations, New York, NY, *Statistical Yearbook* (copyright), and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); Taiwan, U.S. Bureau of the Census. Data from Republic of China publications.

No. 1488. Tax Revenues—Selected Countries: 1975 to 1982

[Covers national and local taxes and Social Security contributions. GDP=Gross domestic product; see text, p. 427]

Country	Tax revenues (bil. dol.)				As percent of GDP				Tax revenues per capita (dol.)			
	1975	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
United States	436.3	772.9	880.6	923.2	29.6	30.4	30.8	30.5	2,020	3,394	3,831	3,978
Australia	27.7	45.5	53.4	51.5	29.0	30.3	31.1	31.0	1,992	3,096	3,578	3,392
Austria	14.6	31.8	28.3	27.5	38.7	41.3	42.6	41.1	1,938	4,243	3,770	3,629
Belgium	25.8	52.4	43.3	39.3	41.8	44.7	45.2	46.7	2,636	5,321	4,398	3,990
Canada	56.4	86.4	101.7	106.0	32.9	32.7	34.7	34.9	2,481	3,586	4,172	4,304
Denmark	15.6	30.2	26.0	24.8	41.4	45.5	45.0	44.0	3,076	5,885	5,068	4,844
Finland	10.0	17.7	18.1	18.0	36.2	35.3	36.8	36.6	2,128	3,698	3,770	3,728
France	126.8	278.7	244.5	237.4	37.4	42.5	42.7	43.7	2,407	5,188	4,531	4,379
Germany, Fed. Rep.	150.1	307.8	255.1	245.6	36.0	37.8	37.4	37.3	2,427	4,999	4,136	3,985
Greece	5.1	11.5	10.8	12.2	24.6	28.6	29.2	31.9	567	1,192	1,108	1,250
Italy	55.7	131.3	139.1	136.6	29.0	33.2	39.4	39.9	1,004	2,328	2,462	2,447
Japan	107.5	275.4	309.6	292.0	21.0	25.9	26.8	27.2	964	2,358	2,631	2,465
Netherlands	37.9	77.5	63.8	62.6	43.6	45.7	45.0	45.5	2,777	5,476	4,476	4,372
New Zealand	4.1	7.4	8.2	8.1	29.6	31.0	32.3	33.6	1,342	2,339	2,569	2,557
Norway	12.8	27.2	27.8	26.9	44.8	47.1	48.6	47.8	3,182	6,644	6,772	6,530
Portugal	3.7	7.2	7.4	7.2	24.8	29.3	31.5	30.8	387	728	745	721
Spain	20.5	51.1	46.9	45.9	19.6	24.1	25.0	25.3	579	1,366	1,246	1,210
Sweden	31.8	61.3	57.8	49.8	43.9	49.4	51.2	50.3	3,880	7,373	6,942	5,984
Switzerland	16.1	31.3	28.7	29.9	29.6	30.8	30.6	30.9	2,510	4,899	4,471	4,618
United Kingdom	83.1	189.0	185.7	189.0	35.7	36.0	37.1	39.6	1,485	3,374	3,315	3,375

No. 1489. Percent Distribution of Tax Receipts by Type of Tax—Selected Countries: 1975 to 1982

Country and year	Total [1]	Income and profits taxes [2]			Social security contributions			Taxes on goods and services [5]		
		Total [3]	Individual	Corporate	Total [4]	Employees	Employers	Total [3]	General consumption taxes [6]	Taxes on specific goods, services [7]
United States: 1975	100.0	43.8	33.0	10.8	24.5	9.9	13.8	18.5	6.7	9.4
1980	100.0	47.1	36.9	10.2	26.1	10.0	15.4	16.7	6.6	7.8
1982	100.0	47.8	37.8	7.0	27.7	10.8	16.1	17.5	6.6	8.5
Canada: 1975	100.0	47.5	33.0	13.7	10.1	3.7	6.2	32.1	12.5	13.6
1980	100.0	46.6	34.1	11.6	10.4	3.7	6.5	32.6	11.5	13.0
1982	100.0	43.8	35.0	8.0	11.3	3.9	7.2	34.6	11.1	15.9
France: 1975	100.0	17.6	12.2	5.3	40.8	8.8	29.6	32.9	23.3	8.8
1980	100.0	18.0	12.9	5.0	43.1	11.5	28.9	30.1	21.0	8.2
1982	100.0	18.0	12.9	5.1	43.2	11.5	28.8	29.7	21.2	7.8
Germany, Fed. Rep.: 1975	100.0	34.5	30.0	4.4	34.1	15.0	18.3	26.7	14.7	10.6
1980	100.0	35.3	29.8	5.5	34.4	15.3	18.5	26.9	16.7	8.9
1982	100.0	34.0	28.9	5.1	36.2	16.1	19.4	26.5	16.4	9.0
Italy: 1975	100.0	21.5	15.2	6.3	45.9	9.0	36.9	29.4	14.3	14.0
1980	100.0	32.1	24.0	8.1	36.6	5.9	23.0	27.4	16.3	10.4
1982	100.0	32.0	24.4	8.0	47.2	7.1	37.2	16.5	14.1	4.4
Japan: 1975	100.0	44.6	23.9	20.7	29.0	10.8	15.1	17.3	–	15.1
1980	100.0	46.1	24.3	21.8	29.1	10.2	14.8	16.3	–	14.1
1982	100.0	45.0	25.3	19.7	30.4	10.7	15.4	15.4	–	13.4
Netherlands: 1975	100.0	34.8	27.9	7.7	38.4	16.4	17.7	23.9	14.4	7.9
1980	100.0	32.9	26.3	6.6	38.1	15.8	17.8	24.8	15.9	6.9
1982	100.0	30.7	23.9	6.6	41.6	18.0	17.6	23.8	15.0	6.6
Sweden: 1975	100.0	50.5	46.1	4.4	19.5	–	18.3	24.4	12.0	10.7
1980	100.0	43.5	41.0	2.5	28.6	–	27.5	24.0	13.4	9.2
1982	100.0	44.1	40.8	3.3	27.9	–	26.8	24.2	13.2	9.8
United Kingdom: 1975	100.0	44.4	38.2	6.2	17.4	6.6	10.3	25.4	8.8	14.8
1980	100.0	37.7	30.0	7.7	16.9	6.6	9.9	29.1	14.4	13.1
1982	100.0	38.0	28.4	9.6	16.9	7.6	9.0	29.0	13.4	13.9

– Represents zero. [1] Includes property taxes, employer payroll taxes other than social security contributions, and miscellaneous taxes, not shown separately. [2] Includes taxes on capital gains. [3] Includes other taxes, not shown separately. [4] Includes contributions of self-employed, not shown separately. [5] Taxes on the production, sales, transfer, leasing, and delivery of goods and services and rendering of services. [6] Primarily value-added and sales taxes. [7] For example, excise taxes on alcohol, tobacco, and gasoline.

Source of tables 1488 and 1489: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

No. 1490. Consumer Prices—Annual Percent Changes, by Country: 1978 to 1983

[See text, p. 836, for general comments concerning the data. For additional qualifications of the data for individual countries, see source. Minus sign (−) indicates decrease]

Country	1978–1979	1979–1980	1980–1981	1981–1982	1982–1983	Country	1978–1979	1979–1980	1980–1981	1981–1982	1982–1983
United States	11.3	13.5	10.4	6.2	3.2	Israel	78.3	131.0	116.8	120.4	145.6
						Italy	14.7	21.2	17.8	16.5	14.7
Algeria	11.4	9.5	14.6	6.7	(NA)	Japan	3.6	8.0	4.9	2.6	1.8
Argentina	159.5	100.8	104.5	164.8	343.8	Kenya	8.0	13.8	11.8	20.4	11.5
Australia	9.1	10.1	9.7	11.1	10.1	Korea, Republic of	18.3	28.7	21.3	7.3	3.4
Austria	3.7	6.4	6.8	5.4	3.3						
Bangladesh	12.7	13.2	13.2	9.3	8.0	Malaysia	3.6	6.7	9.7	5.8	3.7
Belgium	4.5	6.6	7.6	8.7	7.7	Mexico	18.2	26.4	27.9	58.9	101.9
Bolivia	19.7	47.2	32.1	123.5	275.6	Morocco	8.4	9.4	12.5	10.5	6.2
Brazil	52.7	82.8	105.6	98.0	142.0	Netherlands	4.2	6.5	6.7	5.9	2.8
Burma	5.7	.6	.3	5.0	(NA)	Nigeria	11.1	11.4	20.9	7.5	(NA)
Canada	9.1	10.2	12.4	10.8	5.8	Norway	4.6	10.8	13.7	11.4	8.4
Chile	33.4	35.1	19.7	9.9	27.3	Pakistan	9.4	11.9	11.9	5.9	7.4
Colombia	24.7	26.5	27.5	24.5	19.8	Peru	66.7	59.2	75.4	64.4	111.2
						Philippines	18.8	17.8	13.3	11.0	10.9
Denmark	9.6	12.3	11.7	10.1	6.9	Portugal	23.8	16.6	20.0	22.7	25.1
Dominican Republic	9.2	16.8	7.5	7.6	(NA)	Romania	1.8	1.5	2.2	16.9	5.2
Ecuador	10.3	13.0	13.0	16.3	46.4	South Africa	13.1	13.8	15.2	14.7	12.3
Egypt	9.9	20.7	10.4	14.8	16.1						
El Salvador	15.9	17.4	14.8	11.7	13.1	Spain	15.6	15.6	14.6	14.4	12.2
Ethiopia	16.1	4.5	6.1	5.9	−.7	Sri Lanka	10.8	26.2	17.9	10.8	14.0
Finland	7.5	11.6	12.0	9.3	8.5	Sweden	7.3	13.7	12.1	8.6	8.9
France	10.8	13.8	13.4	11.8	9.6	Switzerland	3.6	4.0	6.5	5.7	3.0
Germany, Fed. Rep. of	4.1	5.4	6.3	5.3	3.3	Syria	4.8	18.9	18.4	14.3	(NA)
Ghana	54.4	50.1	116.5	22.3	(NA)	Thailand	9.9	19.7	12.7	5.3	3.7
Greece	19.0	24.9	24.5	21.0	20.5	Tunisia	7.8	10.0	8.9	13.7	9.0
Guatemala	11.5	10.7	11.4	.4	(NA)	Turkey	58.7	110.2	36.8	30.8	26.9
						United Kingdom	13.4	18.0	11.9	8.6	4.6
India	6.4	11.4	13.0	7.9	11.9	Venezuela	12.4	21.6	16.0	9.7	6.3
Indonesia	21.9	16.5	12.2	9.5	11.8	Yugoslavia	21.3	29.9	39.7	32.9	39.2
Iran	10.5	20.7	24.2	18.7	(NA)	Zaire	108.6	42.1	34.9	37.2	75.9
Ireland	13.2	18.2	20.5	17.1	10.5	Zambia	9.7	11.7	14.0	12.5	(NA)

NA Not available.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics,* monthly, with annual yearbooks.

No. 1491. Consumer Price Indexes for Selected Items—Selected Countries: 1980 and 1983

[For percent increases in total consumer prices, see table 792. For explanation of average annual percent change, see Guide to Tabular Presentation]

Country	Indexes (1967=100)										Avg. annual percent change, 1980–1983			
	Total [1]		Food [2]		Clothing		Housing [3]		Transportation		Food [2]	Clothing	Housing [3]	Transportation
	1980	1983	1980	1983	1980	1983	1980	1983	1980	1983				
United States	246.8	298.4	254.6	291.7	171.1	184.5	263.3	323.1	249.7	298.4	4.6	2.5	7.1	6.1
Australia	295.5	396.7	291.8	377.9	301.4	367.4	321.8	429.3	(NA)	(NA)	9.0	6.8	10.1	(NA)
Austria	203.3	236.6	186.5	211.5	178.3	194.9	233.2	281.2	216.6	253.3	4.3	3.0	6.4	5.4
Canada	243.5	321.0	289.9	359.2	195.5	229.9	242.9	326.3	233.1	330.6	7.4	5.6	10.6	12.4
France	294.2	408.9	294.8	413.6	267.0	351.8	309.4	442.5	337.4	470.0	11.9	9.6	12.7	11.7
Germany, F.R	175.8	201.9	159.0	181.2	178.9	202.2	192.5	223.8	183.9	212.1	4.5	4.2	5.2	4.9
Italy	403.2	634.2	382.3	581.1	437.3	675.2	385.6	625.0	480.9	773.8	15.0	15.6	17.5	17.2
Japan	261.8	309.4	288.2	315.3	288.7	319.5	226.7	250.1	252.6	272.3	3.0	3.4	3.3	2.5
Netherlands	237.4	276.2	197.8	221.4	256.5	280.5	244.2	311.5	223.9	263.4	3.8	3.0	8.5	5.6
Sweden	270.6	358.8	282.1	406.8	197.2	235.7	314.9	408.7	(NA)	(NA)	13.0	6.1	9.1	(NA)
United Kingdom	423.6	538.3	468.0	564.7	306.4	320.4	421.5	558.4	450.3	571.3	6.5	1.5	9.8	8.3

NA Not available. [1] Includes other items not shown separately. [2] Restaurant meals, alcohol, and tobacco are included for some countries; excluded for others. [3] Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics,* annual.

No. 1492. Labor Force Participation Rates, by Sex, and Females as Percent of Total Labor Force—Selected Countries: 1960 to 1983

Country	Labor force participation rates [1]										Females as percent of total labor force				
	Female					Male									
	1960	1970	1975	1980	1982	1960	1970	1975	1980	1982	1970	1975	1980	1982	1983
United States	42.6	48.9	53.2	59.7	61.4	90.5	85.4	84.7	84.7	84.3	36.7	39.1	41.9	42.8	43.0
Canada	33.7	43.2	50.0	57.2	58.9	91.1	85.7	86.2	86.3	84.9	33.3	36.5	40.0	41.0	41.5
France	*45.4*	*47.5*	49.9	*52.5*	*52.9*	*95.5*	*87.8*	*84.4*	*82.5*	*80.4*	35.4	37.1	40.1	39.3	39.3
Germany, F.R.	49.2	48.1	49.6	50.0	49.8	94.4	92.5	87.0	83.4	81.2	35.9	37.2	38.1	38.3	38.4
Italy	39.6	33.5	34.6	39.8	40.3	95.3	86.8	84.2	82.9	81.8	26.8	28.0	33.4	33.8	34.2
Japan	60.1	55.4	51.7	54.9	55.9	92.2	89.4	89.7	89.0	89.1	39.3	37.3	38.7	39.0	39.5
Sweden	50.1	59.4	67.6	74.1	75.9	98.5	88.8	89.2	87.8	86.3	39.5	42.5	45.2	46.3	46.6
United Kingdom	*46.1*	*50.8*	*55.3*	*58.7*	*57.7*	98.1	94.3	92.2	90.8	90.4	35.3	37.7	39.5	39.1	39.6

[1] Labor force of all ages as percent of population, 15-64 years old.

No. 1493. Labor Force Participation Rates, by Sex and Age-Group—Selected Countries: 1970 and 1983

[Participation rates represent percent of population of each specified group in labor force]

Country	15-19 years old		20-24 years old		25-54 years old		55-64 years old		65 years and over	
	1970	1983	1970	1983	1970	1983	1970	1983	1970	1983
United States: Total	[1] 50.0	[1] 53.8	71.4	77.3	71.8	79.8	60.4	54.1	16.0	11.1
Male	[1] 56.7	[1] 56.7	85.3	84.5	94.8	93.0	80.7	68.8	25.7	16.8
Female	[1] 43.1	[1] 50.7	57.3	70.0	49.7	67.0	42.2	41.2	9.0	7.3
Canada: Total	39.1	51.5	70.9	79.1	67.9	79.4	56.7	52.1	13.0	8.3
Male	43.2	52.9	83.2	84.3	96.2	93.8	84.2	72.3	22.6	13.0
Female	34.9	50.1	58.8	74.0	39.8	65.1	29.8	33.7	5.0	4.6
France: Total	32.6	17.8	73.7	68.0	73.5	81.8	56.8	42.7	12.8	3.5
Male	37.3	20.5	81.5	69.5	96.8	96.0	75.4	53.7	19.5	5.4
Female	27.9	15.0	65.6	66.7	50.1	67.0	40.0	32.7	8.6	2.2
Germany, F.R.: Total	56.3	40.6	78.2	72.0	71.8	73.2	52.0	41.1	11.7	3.8
Male	57.9	44.0	86.3	76.6	97.1	90.9	82.2	62.3	19.9	5.8
Female	54.6	36.9	69.8	67.1	47.6	54.7	29.9	26.0	6.5	2.8
Italy: Total	[2] 33.4	[2] 29.7	55.8	66.9	[3] 60.1	[3] 67.2	(NA)	(NA)	[4] 14.1	[4] 10.7
Male	[2] 38.0	[2] 31.7	68.7	74.6	[3] 93.9	[3] 92.7	(NA)	(NA)	[4] 25.5	[4] 18.1
Female	[2] 28.8	[2] 27.6	43.2	59.3	[3] 28.3	[3] 42.6	(NA)	(NA)	[4] 5.1	[4] 4.8
Japan: Total	32.5	18.9	75.7	71.5	75.7	78.3	64.1	63.7	31.8	25.6
Male	31.4	19.1	80.7	71.0	97.3	97.1	86.6	84.7	49.4	38.9
Female	33.6	18.7	70.6	72.1	55.1	59.5	44.4	46.1	17.9	16.1
Sweden: Total	51.9	46.4	71.1	82.4	79.8	91.0	64.6	68.2	18.0	7.7
Male	52.8	45.4	76.7	84.0	94.8	95.0	85.4	77.1	28.9	12.0
Female	*50.9*	*47.5*	*65.2*	*80.8*	*64.2*	*87.0*	44.5	59.7	8.7	4.1
United Kingdom: Total	55.0	56.1	75.8	77.6	75.5	79.6	63.9	56.2	11.7	5.3
Male	57.5	58.0	90.6	86.1	97.8	95.9	91.3	76.8	20.2	8.1
Female	52.3	54.0	60.6	68.8	53.2	63.4	39.3	37.0	6.4	3.5

NA Not available. [1] Persons 16-19 years old. [2] Persons 14-19 years old. [3] Persons 25-59 years old. [4] Persons 60 years old and over.

Source of tables 1492 and 1493: Organization for Economic Cooperation and Development, Paris, France, *Historical Statistics, 1960-1982,* 1984; and *Labour Force Statistics,* annual.

No. 1494. Labor Force and Unemployment—International Comparisons: 1970 to 1983

[Data on basis of U.S. labor force definitions adopted in 1967 (see text, p. 388) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1975, Great Britain, 16 years; Australia, Canada, Japan, Germany, and, for 1970, Great Britain, 15 years; Italy, 14 years]

Country	Civilian labor force (millions)								Percent unemployed							
	1970	1975	1978	1979	1980	1981	1982	1983	1970	1975	1978	1979	1980	1981	1982	1983
United States	82.8	93.8	102.3	105.0	106.9	108.7	110.2	111.6	4.9	8.5	6.1	5.8	7.1	7.6	9.7	9.6
Australia	*5.5*	*6.2*	*8.4*	6.5	6.7	6.8	6.9	7.0	1.6	4.9	6.3	6.3	6.1	5.8	7.2	10.0
Canada	8.4	10.0	10.9	11.2	11.6	11.9	12.0	12.2	5.7	6.9	8.3	7.4	7.5	7.5	11.0	11.9
France	20.8	21.6	22.3	22.5	22.6	[1] 22.7	[1] 23.0	[1] 22.9	2.4	4.2	5.4	6.1	6.5	[1] 7.7	[1] 8.7	[1] 8.8
Germany, F.R. [2]	26.2	26.1	26.0	26.2	26.5	26.6	[1] 26.7	[1] 26.5	.5	3.4	3.4	3.0	2.9	4.1	[1] 5.9	[1] 7.3
Great Britain	24.5	25.2	25.6	25.8	25.9	[1] 26.0	[1] 25.8	[1] 25.7	3.1	4.6	6.2	5.6	7.0	[1] 10.5	[1] 12.2	[1] 13.4
Italy	19.6	20.1	20.6	20.9	21.2	21.4	21.4	[1] 21.5	2.8	3.0	3.7	3.9	3.9	4.3	4.8	[1] 5.2
Japan	50.7	52.5	54.6	55.2	55.7	56.3	57.0	[1] 58.1	1.2	1.9	2.3	2.1	2.0	2.2	2.4	[1] 2.7
Sweden	3.9	4.1	4.2	4.3	4.3	4.3	4.4	4.4	1.5	1.6	2.2	2.1	2.0	2.5	3.1	3.5

[1] Preliminary estimates based on incomplete data. [2] Federal Republic of Germany. Includes West Berlin.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics,* annual.

No. 1495. Selected Indexes of Manufacturing Activity—Selected Countries: 1970 to 1983

[1977=100. Minus sign (–) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

Activity and year	United States	Canada	Belgium	Denmark	France	Germany [1]	Italy	Japan	Netherlands	Sweden	United Kingdom
Output per hour:											
1970	79.2	76.8	58.9	65.3	69.3	70.1	72.7	61.4	63.0	80.7	77.8
1975	93.4	91.0	85.4	94.4	88.4	90.0	91.1	85.3	85.1	100.2	94.7
1980	101.7	102.0	116.9	109.8	112.3	108.8	116.9	128.6	114.2	112.7	101.3
1982	107.1	102.0	130.0	121.4	121.7	113.3	124.1	146.8	121.4	114.6	111.2
1983 [2]	111.6	109.0	(NA)	125.6	129.1	118.5	124.8	155.2	(NA)	123.9	118.0
Average annual percent change:											
1970–1975	3.4	3.4	7.7	7.6	5.0	5.1	4.6	6.8	6.2	4.4	4.0
1975–1980	1.7	2.3	6.5	3.1	4.9	3.9	5.1	8.6	6.1	2.4	1.4
1980–1983 [2]	3.1	2.2	[3] 5.5	4.6	4.7	2.9	2.2	6.4	[3] 3.1	3.2	5.2
Compensation per hour, national currency basis: [4]											
1970	57.6	46.5	34.9	36.3	36.5	47.6	26.1	33.9	38.5	38.5	31.2
1975	85.5	78.2	79.1	81.0	76.6	85.0	70.2	85.4	81.9	77.3	76.8
1980	132.7	130.6	130.7	136.6	148.1	125.5	160.2	121.2	123.2	133.3	161.6
1982	158.0	169.2	152.0	170.6	201.6	142.6	235.4	136.8	138.5	158.4	206.6
1983 [2]	163.4	181.5	(NA)	181.0	229.6	147.7	274.4	141.4	(NA)	172.8	223.3
Average annual percent change:											
1970–1975	8.2	10.9	17.8	17.4	16.0	12.3	21.9	20.3	16.3	14.9	19.5
1975–1980	9.2	10.8	10.6	11.0	14.1	8.1	17.9	7.2	8.5	11.5	16.3
1980–1983 [2]	7.2	11.6	[3] 7.8	9.8	15.7	5.6	19.7	5.3	[3] 6.0	9.0	11.4
Real hourly compensation: [4] [5]											
1970	89.8	76.9	61.0	68.5	67.2	68.9	82.3	68.8	67.6	71.7	78.4
1975	96.2	90.8	92.5	98.1	92.0	91.8	97.7	101.1	95.1	95.9	103.2
1980	97.6	99.7	112.3	100.8	107.8	112.0	101.6	104.0	106.6	101.8	111.2
1982	99.2	103.7	111.7	102.3	115.7	114.2	108.1	108.9	106.0	99.2	117.0
1983 [2]	99.4	105.1	(NA)	101.6	120.2	114.9	109.9	110.5	(NA)	99.3	121.0
Average annual percent change:											
1970–1975	1.4	3.4	8.7	7.4	6.5	5.9	9.4	8.0	7.0	6.0	5.6
1975–1980	.3	1.9	4.0	.5	3.2	4.1	.8	.6	2.3	1.2	1.5
1980–1983 [2]	.6	1.8	[3] –.3	.3	3.7	.8	2.7	2.0	[3] –.3	–.8	2.8
Unit labor costs, national currency:											
1970	72.7	60.6	59.2	55.6	52.6	67.9	36.0	55.2	61.1	47.7	40.1
1975	91.5	86.0	92.6	85.8	86.7	94.4	77.1	100.1	96.2	77.1	80.1
1980	130.5	128.0	111.9	124.3	131.8	115.3	137.0	94.2	107.8	118.3	159.5
1982	147.6	165.8	116.9	140.5	165.7	125.9	189.8	93.2	114.0	138.3	185.8
1983 [2]	146.4	166.6	(NA)	144.1	177.9	124.7	219.8	91.1	(NA)	139.5	189.3
Average annual percent change:											
1970–1975	4.7	7.3	9.4	9.1	10.5	6.8	16.5	12.6	9.5	10.1	14.8
1975–1980	7.4	8.3	3.8	7.7	8.7	4.1	12.2	–1.2	2.3	8.9	14.8
1980–1983 [2]	3.9	9.2	[3] 2.2	5.1	10.5	2.6	17.1	–1.1	[3] 2.8	5.6	5.9
Unit labor costs, U.S. dollar basis: [6]											
1970	72.7	61.7	42.7	44.5	46.8	43.2	50.6	41.3	41.4	41.1	55.0
1975	91.5	89.8	90.4	89.8	99.5	89.2	104.3	90.4	93.5	83.2	101.9
1980	130.5	116.3	137.3	132.6	153.6	147.5	141.4	111.8	133.2	125.0	212.7
1982	147.6	142.7	91.5	101.1	123.8	120.3	123.7	100.2	104.7	98.3	186.1
1983 [2]	146.4	143.6	(NA)	94.6	114.7	113.3	127.7	102.7	(NA)	81.2	164.5
Average annual percent change:											
1970–1975	4.7	7.8	16.2	15.1	16.3	15.6	15.6	17.0	17.7	15.1	13.1
1975–1980	7.4	5.3	8.7	8.1	9.1	10.6	6.3	4.3	7.3	8.5	15.8
1980–1983 [2]	3.9	7.3	[3] –18.4	–10.7	–9.3	–8.4	–3.3	–2.8	[3] –11.4	–13.4	–8.2
Employment:											
1970	98.2	95.0	114.3	113.5	97.6	112.9	94.8	99.5	116.6	103.8	114.4
1975	93.0	101.6	108.6	100.0	101.5	102.0	99.7	99.8	107.1	103.9	102.7
1980	103.2	106.6	91.2	98.2	95.3	101.2	99.7	100.0	95.3	97.4	93.8
1982	95.8	96.9	82.3	90.5	90.3	95.0	95.6	101.4	88.3	90.6	79.0
1983 [2]	94.4	95.5	(NA)	89.8	88.2	91.0	92.6	101.3	(NA)	87.8	75.0
Average annual percent change:											
1970–1975	–1.1	1.4	–1.0	–2.5	.8	–2.0	1.0	.1	–2.0	–	–2.1
1975–1980	2.1	1.0	–3.4	–.4	–1.3	–.2	–	–	–2.3	–1.3	–1.8
1980–1983 [2]	–2.9	–3.6	[3] –5.0	–2.9	–2.5	–3.5	–2.4	.4	[3] –3.7	–3.4	–7.2
Hours:											
1970	97.3	97.7	130.2	125.1	105.7	122.6	107.4	106.4	131.1	114.6	121.8
1975	91.4	101.4	107.1	100.4	101.9	100.4	95.4	96.4	107.8	105.9	101.6
1980	101.7	105.7	89.7	97.6	94.8	98.0	98.7	101.6	94.0	92.3	90.4
1982	92.7	94.3	79.1	90.2	86.6	89.9	90.7	102.2	86.9	85.9	76.5
1983 [2]	93.5	93.9	(NA)	91.6	82.4	86.7	86.8	102.6	(NA)	84.1	73.2
Average annual percent change:											
1970–1975	–1.2	.7	–3.8	–4.3	–.7	–3.9	–2.3	–1.9	–3.9	–1.6	–3.6
1975–1980	2.2	.8	–3.5	–.6	–1.4	–.5	.7	1.1	–2.7	–2.7	–2.3
1980–1983 [2]	–2.8	–3.9	[3] –6.1	–2.1	–4.6	–4.0	–4.2	.3	[3] –3.8	–3.0	–6.8

– Represents or rounds to zero. NA Not available. [1] Federal Republic of Germany. Includes West Berlin. [2] Preliminary. [3] 1980–1982. [4] Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. [5] Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. [6] Indexes in national currency adjusted for changes in prevailing exchange rates.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

NO. 1496. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—INDEX OF INDUSTRIAL PRODUCTION: 1975 TO 1983

[Minus sign (−) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

COUNTRY	INDEX (1980=100)					AVERAGE ANNUAL PERCENT CHANGE					
	1975	1979	1981	1982	1983	1975–1980	1980–1983	1979–1980	1980–1981	1981–1982	1982–1983
OECD, total	(NA)	(NA)	**100.2**	**96.3**	**99.4**	(NA)	−.2	(NA)	.2	−3.9	3.2
United States	80.1	103.8	102.7	94.3	100.4	4.5	.1	−3.7	2.7	−8.2	6.5
Australia	88	100	102.4	96.8	92.0	2.6	−2.7	-	2.4	−5.5	−5.0
Austria	80.0	97.4	98.4	97.6	98.5	4.6	−.5	3.7	−1.6	−.8	.9
Belgium	87.0	101.2	97.2	97.0	99.4	2.8	−.2	−1.2	−2.8	−.2	2.5
Canada	85.0	101.5	100.9	90.1	95.5	3.3	−1.5	−1.5	.9	−10.7	6.0
Finland	79	93	102.9	103.6	106.8	4.8	2.2	7.5	2.9	.9	2.9
France	85	100	99	97	98	3.3	−.7	-	−1.0	−2.0	1.0
Germany, Fed. Rep.	85	100	99	96	96	3.3	−1.4	-	−1.0	−3.0	-
Greece	77.0	99.0	99.3	94.9	94.3	5.4	−1.9	1.0	−.7	−4.4	−.6
Ireland [1]	75	102	101.4	102.1	108.8	5.9	2.9	−2.0	1.4	.7	6.6
Italy	78.3	95.1	97.8	95.2	90.5	5.0	−3.3	5.2	−2.2	−2.7	−4.9
Japan	72.8	95.6	101.0	101.4	105.0	6.6	1.6	4.6	1.0	.4	3.6
Luxembourg	93.0	103.4	93.2	89.9	89.9	1.5	−3.5	−3.3	−6.8	−3.5	-
Netherlands	89	100	98	94	96	2.4	−1.4	-	−2.0	−4.1	2.1
Norway	76	95	99	99	106	5.6	2.0	5.3	−1.0	-	7.1
Portugal	71	95	100.5	105.1	106.8	7.1	2.2	5.3	.5	4.6	1.6
Spain	86.6	98.8	99.0	97.8	100.5	2.9	.2	1.2	−1.0	−1.2	2.8
Sweden [1]	102	100	98	97	103	−.4	1.0	-	−2.0	−1.0	6.2
Switzerland	87	95	99	96	95	2.8	−1.7	5.3	−1.0	−3.0	−1.0
United Kingdom	92.2	107.0	96.4	98.1	101.3	1.6	.4	−6.5	−3.6	1.8	3.3

- Represents zero. NA Not available. [1] Mining and manufacturing.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators, Historical Statistics, 1964–1983*, 1984; and *Main Economic Indicators*, monthly.

NO. 1497. CRUDE STEEL PRODUCTION AND CONSUMPTION: 1975 TO 1982

[Production data cover both ingots and steel for castings and exclude wrought (puddled) iron. Consumption data represent apparent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks]

COUNTRY	PRODUCTION (mil. metric tons)				CONSUMPTION							
					Total (mil. metric tons)				Per capita (kilograms)			
	1975	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
World	**648.2**	**703.5**	**692.1**	**690.5**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	[1] 105.8	[1] 101.5	[1] 109.6	[1] 67.7	116.8	115.6	129.7	84.3	549	508	565	363
Argentina	2.0	2.6	2.4	2.8	4.3	3.8	3.2	3.4	168	140	114	121
Australia	[2] 7.9	[2] 7.9	[2] 8.0	[2] 7.3	6.3	6.1	7.1	5.6	467	416	478	367
Austria	4.1	4.6	4.7	4.3	2.2	2.7	2.3	2.1	286	354	301	281
Bangladesh	.1	.1	.1	(NA)	.1	.3	.3	.2	1	3	3	2
Belgium	11.6	12.3	12.3	9.9	[3] 3.2	[3] 3.2	[3] 3.3	[3] 5.9	[3] 314	[3] 324	[3] 319	[3] 576
Brazil	7.8	10.2	8.4	7.7	11.2	16.2	17.4	13.4	106	132	141	105
Bulgaria	2.3	2.6	2.5	2.6	2.2	2.6	2.8	3.0	252	312	319	337
Canada	13.0	15.9	14.8	(NA)	13.2	12.9	13.5	9.1	577	541	553	371
China: Mainland	23.9	37.1	35.6	37.2	31.7	43.3	39.4	42.0	38	45	39	41
Czechoslovakia	14.3	15.2	15.3	15.0	10.8	11.2	11.3	11.1	733	729	735	724
France	21.5	23.2	21.3	18.4	18.5	20.0	17.5	17.2	350	373	325	318
German Dem. Rep.	6.5	7.3	7.5	7.2	9.5	9.8	9.7	9.5	566	583	561	569
Germany, Fed. Rep. of	40.4	43.8	41.6	35.9	30.3	33.8	31.0	26.8	489	549	503	436
Greece	[4] 1.0	[4] 1.0	[4] 1.0	[4] 1.0	1.3	2.0	1.5	1.5	143	206	157	150
India	7.9	9.4	10.7	10.9	8.5	11.0	12.6	12.2	14	15	19	17
Indonesia	(NA)	(NA)	(NA)	(NA)	1.4	1.9	2.0	2.2	11	13	13	15
Italy	21.8	26.5	25.0	24.2	17.8	26.1	19.7	20.4	318	458	345	356
Japan	102.3	111.4	101.7	99.5	64.7	73.4	65.4	63.7	580	629	561	538
Korea, Dem. Peo. Rep.	[4] 2.9	[4] 3.5	[4] 3.5	(NA)	3.4	5.9	5.6	5.8	213	328	304	312
Korea, Rep. of	2.0	5.7	5.9	5.7	3.1	10.9	13.1	13.3	88	286	338	339
Mexico	5.2	7.0	7.4	6.9	6.2	10.6	11.7	8.4	103	147	164	114
Netherlands	4.8	5.0	4.3	3.0	4.5	4.6	3.9	3.7	332	328	272	259
Nigeria	(NA)	(z)	(z)	(NA)	1.4	1.9	1.7	1.2	22	25	22	14
Pakistan	(NA)	(NA)	(NA)	(NA)	.5	.6	.7	.6	7	8	8	7
Philippines	(NA)	(NA)	(NA)	(NA)	1.0	1.3	1.1	1.1	22	27	21	22
Poland	14.6	18.6	15.1	14.1	17.8	18.8	15.4	14.4	524	527	429	398
Romania	9.5	13.2	13.0	13.1	9.8	12.1	11.4	11.6	464	544	513	512
South Africa	6.6	9.0	9.0	(NA)	7.5	8.7	6.9	5.6	263	211	201	158
Soviet Union	150.4	147.9	148.4	(NA)	141.0	(NA)	(NA)	(NA)	554	(NA)	(NA)	(NA)
Spain	11.1	12.6	12.9	13.4	10.9	8.7	8.0	8.6	306	233	224	226
Sweden	5.6	4.2	3.8	3.9	6.3	4.1	3.4	3.5	773	497	412	423
Turkey	[4] 1.5	[4] 1.7	[4] 1.5	(NA)	3.1	3.3	3.3	(NA)	80	74	74	(NA)
United Kingdom	20.1	11.3	15.6	13.7	21.5	13.8	14.9	14.2	385	247	267	254
Venezuela	.9	1.8	1.8	(NA)	2.4	3.4	3.1	3.7	196	247	219	251
Vietnam	(NA)	(NA)	(NA)	(NA)	.2	.2	.2	.1	5	4	3	3
Yugoslavia	2.9	2.3	2.3	2.0	5.3	5.7	5.0	5.2	248	254	223	230

NA Not available. Z Less than 50,000 metric tons. [1] Excludes steel for castings made in foundries operated by companies not producing ingots. [2] Year ending June 30. [3] Luxembourg included with Belgium. [4] Data from U.S. Bureau of Mines.

Source: Statistical Office of the United Nations, New York, NY, *Statistical Yearbook*. (Copyright.)

No. 1498. Primary Energy Production by Source of Energy and Region: 1960 to 1982

[In millions of metric tons of coal equivalent. See text, p. 836, for general comments concerning the data]

SOURCE OF ENERGY AND YEAR	World, total	Africa	United States and Canada	Other Western Hemisphere	Asia	Europe	Soviet Union	Oceania
Total primary energy:								
1960	4,200	56	1,492	312	839	804	670	26
1970	7,045	486	2,309	459	1,601	911	1,216	63
1975	8,087	437	2,225	416	2,287	1,047	1,578	99
1980	9,257	585	2,333	565	2,455	1,262	1,938	119
1981	9,048	494	2,309	592	2,281	1,265	1,976	132
1982	8,933	483	2,271	628	2,058	1,318	2,013	162
Coal and lignite:								
1960	1,932	35	389	7	391	697	387	25
1970	2,148	54	526	8	394	662	459	46
1975	2,306	62	535	11	501	635	501	60
1980	2,619	98	657	15	609	655	512	72
1981	2,629	110	651	16	623	640	506	83
1982	2,712	107	659	18	656	667	496	111
Crude petroleum: [1]								
1960	1,586	20	596	285	426	44	215	(Z)
1970	3,433	427	878	398	1,148	56	514	12
1975	3,981	356	801	334	1,674	71	715	29
1980	4,500	445	816	438	1,682	210	879	30
1981	4,247	347	803	464	1,490	226	887	30
1982	4,035	338	803	483	1,228	260	892	30
Natural gas:								
1960	598	(Z)	476	15	10	33	62	(NA)
1970	1,311	3	852	42	39	145	228	2
1975	1,577	14	802	53	81	276	344	6
1980	1,838	35	759	85	119	311	517	12
1981	1,852	31	751	83	119	303	552	15
1982	1,852	32	698	97	123	292	594	16
Hydro and nuclear electricity: [2]								
1960	84	1	31	4	11	29	6	1
1970	154	3	53	10	20	49	16	3
1975	224	5	85	16	30	65	18	4
1980	301	8	102	28	45	86	30	4
1981	320	7	104	29	48	97	31	4
1982	334	7	110	31	51	100	31	4

NA Not available. Z Less than 500,000. [1] Includes natural gas liquids. [2] Includes geothermal.

Source: Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook 1982*, (Copyright.)

No. 1499. Energy Consumption and Production, by Country: 1980 and 1982

[Metric ton = 1.1023 short tons. See text, p. 836, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED [1] (coal equiv.)				ELECTRIC ENERGY PRODUCTION [2] (bil. kWh)		CRUDE PETROLEUM PRODUCTION [3] (mil. metric tons)		COAL PRODUCTION [4] (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)							
	1980	1982	1980	1982	1980	1982	1980	1982	1980	1982
World, total	**8,523.9**	**8,405.4**	**1,914**	**1,825**	**8,228**	**8,436**	**2,979**	**2,646**	**2,730**	**2,825**
United States	2,371.0	2,186.1	10,415	9,431	[5] 2,354	[5] 2,304	424.2	425.6	710.4	707.2
Algeria	24.8	14.7	1,327	737	7.1	7.2	47.4	33.5	(Z)	[6] (Z)
Argentina	49.4	48.2	1,748	1,653	39.7	39.8	25.3	25.2	.4	.5
Australia	90.6	108.4	6,158	7,164	95.9	104.9	18.9	[6] 18.7	73.6	96.8
Austria	30.5	27.8	4,058	3,713	42.0	42.9	1.5	1.3	–	–
Bahrain	4.4	4.3	12,755	11,316	1.7	1.8	2.4	2.2	(NA)	(NA)
Bangladesh	3.9	4.6	44	50	2.7	3.3	(Z)	(Z)	(X)	(X)
Belgium	59.3	52.7	6,011	5,335	53.6	50.7	(X)	(X)	6.3	6.5
Brazil	92.7	89.4	765	704	139.5	152.1	8.8	12.6	5.2	6.4
Bulgaria	47.3	50.9	5,254	5,589	34.8	40.5	[6] .3	[6] .3	.3	.2
Burma	2.2	2.5	64	68	1.3	1.7	1.6	[6] 1.5	(Z)	(Z)
Canada	254.2	239.5	10,547	9,699	377.5	387.5	70.4	62.2	20.2	22.4
Chile	11.4	10.5	1,023	910	11.8	11.9	1.6	2.0	1.0	1.0
China: Mainland	561.8	586.1	570	581	[7] 300.6	[7] 327.7	106.0	102.1	596.0	635.0
Taiwan [8]	37.6	37.0	2,111	2,005	42.0	(NA)	(NA)	.1	2.6	2.6
Colombia	24.2	24.2	938	900	22.9	25.6	6.5	7.3	4.9	5.6
Cuba	13.9	14.1	1,428	1,434	9.9	10.8	.3	.5	(X)	(X)
Czechoslovakia	97.8	96.5	6,388	6,239	72.7	74.7	.1	.1	[9] 28.3	[9] 27.5

See footnotes at end of table.

No. 1499. Energy Consumption and Production, by Country: 1980 and 1982—Continued

[Metric ton=1.1023 short tons. See text, p. 836, for general comments about the data. For additional data qualifications for countries, see source]

Country	Energy consumed [1] (coal equiv.) Total (mil. metric tons)		Energy consumed [1] (coal equiv.) Per capita (kilograms)		Electric energy production [2] (bil. kWh)		Crude petroleum production [3] (mil. metric tons)		Coal production [4] (mil. metric tons)	
	1980	1982	1980	1982	1980	1982	1980	1982	1980	1982
Denmark	27.1	23.9	5,293	4,654	25.4	22.1	.3	1.7	(X)	(X)
Ecuador	5.6	6.0	693	707	3.1	3.4	10.4	10.7	(NA)	(NA)
Egypt	21.5	26.8	521	618	16.9	17.7	29.4	32.8	(X)	(X)
Ethiopia	1.0	1.0	30	30	.7	.7	(X)	(X)	(X)	(X)
Finland	26.4	22.4	5,516	4,636	[5] 38.7	[5] 39.4	(X)	(X)	(X)	(X)
France [10]	235.5	216.4	4,376	3,995	[5] 246.4	[5] 265.9	1.2	1.6	[9] 20.2	[9] 18.6
German Dem. Rep	121.8	123.3	7,276	7,385	98.8	102.9	.1	[6] .1	–	–
Germany, Fed. Rep	359.5	338.5	5,830	5,510	368.8	366.9	4.6	4.3	94.5	96.3
Greece	20.1	20.2	2,086	2,063	22.7	23.3	(NA)	1.0	(X)	(X)
Hong Kong	7.2	8.9	1,426	1,694	[7] 12.6	[7] 14.5	(NA)	(NA)	(X)	(X)
Hungary	40.6	41.3	3,787	3,841	23.9	24.6	2.0	2.0	[9] 3.1	[9] 3.0
India	126.4	143.8	183	200	119.2	138.7	9.4	19.7	109.1	128.3
Indonesia	33.6	35.8	223	229	7.0	7.4	77.6	65.9	.3	.5
Iran	45.2	42.2	1,165	1,025	17.2	17.5	72.7	98.9	[6] .9	[6] .8
Iraq	10.7	9.6	807	680	8.0	6.3	130.1	45.2	(X)	(X)
Ireland	11.1	11.1	3,268	3,183	10.9	10.9	(X)	(X)	.1	.1
Israel	8.8	9.9	2,273	2,458	12.5	13.8	(Z)	(Z)	(X)	(X)
Italy [11]	174.8	163.2	3,112	2,892	185.7	184.4	1.8	1.8	[6] –	–
Japan	428.1	414.1	3,669	3,503	577.5	581.1	.4	.4	18.0	17.6
Korea, Dem. Peo. Rep	48.5	50.2	2,713	2,678	[7] 35.0	[7] 40.0	(X)	(X)	[5] 36.0	[5] 36.5
Korea, Republic of	52.1	56.6	1,368	1,442	40.0	47.2	(X)	(X)	18.5	20.2
Kuwait [12]	6.9	5.9	5,019	3,421	9.4	12.0	84.1	41.6	(NA)	(NA)
Libya	7.3	8.1	2,456	2,509	[7] 4.8	[7] 6.0	88.3	55.4	(X)	(X)
Malaysia	14.1	14.3	1,017	984	10.2	12.4	13.2	[6] 13.5	(X)	(X)
Mexico	115.6	128.8	1,665	1,760	[5] 67.0	[5] 80.6	99.9	142.9	7.0	[5] 8.2
Morocco	6.4	6.3	319	295	4.9	6.1	(Z)	[6] (Z)	.7	[6] .7
Netherlands	86.7	83.6	6,097	5,830	64.8	60.3	1.3	1.6	–	–
Nigeria	11.1	16.8	138	195	6.9	7.5	104.2	63.8	.2	[6] .2
Norway	26.7	25.1	6,530	6,097	84.1	93.1	24.6	24.6	.3	.4
Pakistan	17.3	19.7	198	211	15.3	17.8	.5	.5	1.5	1.8
Peru	11.1	11.1	641	611	9.8	10.4	9.6	9.6	(Z)	[6] .1
Philippines	17.4	16.7	361	329	18.0	19.4	.5	.5	.3	.6
Poland	177.9	163.2	4,967	4,465	121.9	117.6	.3	.2	193.1	189.3
Portugal	11.3	13.1	1,160	1,327	15.3	15.3	(X)	(X)	.2	[6] .2
Romania	100.0	104.6	4,505	4,635	67.5	68.9	11.5	11.7	8.1	7.2
Saudi Arabia [12]	25.3	30.3	2,745	3,026	18.9	25.5	495.9	321.7	(NA)	(NA)
South Africa [13]	90.2	91.0	2,751	2,642	90.4	109.0	(X)	(X)	116.6	137.5
Soviet Union	1,475.0	1,560.7	5,556	5,768	1,293.9	1,367.1	603.2	612.6	492.9	489.0
Spain	88.4	86.8	2,359	2,277	110.5	116.8	1.6	1.5	[9] 13.1	[6] [9] 15.8
Sudan	1.5	1.7	82	86	1.0	1.0	(X)	(X)	(X)	(X)
Sweden	45.3	41.1	5,472	4,956	96.7	100.1	(Z)	(Z)	(Z)	(Z)
Switzerland [14]	23.3	22.2	3,636	3,482	[5] 48.1	[5] 52.3	(X)	(X)	(X)	(X)
Syria	7.3	9.4	835	991	3.8	4.6	8.3	8.2	(X)	(X)
Tanzania	.9	.9	46	45	.7	.7	(X)	(X)	(Z)	[6] (Z)
Thailand	17.0	17.7	367	364	15.1	17.2	(Z)	(Z)	–	(Z)
Trinidad and Tobago	7.5	6.7	6,992	6,222	2.0	2.3	11.0	[6] 9.0	(X)	(X)
Tunisia	4.1	4.1	639	605	2.8	3.1	5.6	5.1	(X)	(X)
Turkey	33.5	36.6	752	787	23.3	26.6	2.3	2.3	3.6	4.0
United Arab Emirates	16.8	21.6	17,188	19,046	[7] 6.0	[7] 6.0	82.8	59.1	(NA)	(NA)
United Kingdom	268.1	253.3	4,799	4,538	284.9	272.2	78.9	103.6	[9] 130.1	[9] 124.7
Venezuela	47.6	52.5	3,050	3,142	35.9	39.0	114.8	99.8	(Z)	(Z)
Vietnam	6.6	7.1	122	127	3.8	4.1	(NA)	(NA)	5.2	6.1
Yugoslavia	48.0	52.9	2,151	2,331	59.4	62.3	4.2	4.3	.4	.4
Zaire	2.0	2.1	69	70	4.2	4.4	1.0	1.1	.1	[6] .1
Zambia	2.3	2.3	400	387	[5] 9.2	[5] 10.6	(X)	(X)	.6	.6

– Represents zero. NA Not available. X Not applicable. Z Less than 50,000 metric tons. [1] Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro, nuclear, and geothermal electricity. [2] Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses. [3] Includes shale oil, but excludes natural gasoline. [4] Excludes lignite and brown coal, except as noted. [5] Net production, i.e. excluding station use. [6] United Nations Statistical Office estimate. [7] Excludes production by industrial establishments for own use. [8] Source: U.S. Bureau of the Census. Data from Republic of China publications. [9] Includes slurries. [10] Includes Monaco. [11] Includes San Marino. [12] Includes share of production and consumption in the Neutral Zone. [13] Includes Botswana, Lesotho, Namibia, and Swaziland. [14] Includes Liechtenstein.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook, 1982.* (copyright.)

NO. 1500. WHEAT, RICE, AND CORN PRODUCTION, BY COUNTRY: 1980 TO 1982

[**In thousands of metric tons.** Rice data cover rough and paddy. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 836, for general comments concerning quality of the data]

COUNTRY	WHEAT			RICE			CORN		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
World, total	**446,107**	**453,705**	**481,050**	**399,112**	**411,714**	**411,897**	**395,949**	**450,557**	**455,351**
United States	64,619	76,170	76,443	6,629	8,289	6,995	168,787	208,330	213,302
Afghanistan	2,750	3,000	[1] 3,008	461	[2] 475	[1] 478	797	[2] 798	[1] 801
Argentina	7,780	7,900	14,500	266	288	413	6,400	12,900	9,600
Australia	10,856	16,372	8,600	613	760	857	151	173	213
Austria	1,201	1,025	1,236	(NA)	(NA)	(NA)	1,293	1,374	1,446
Bangladesh	823	1,093	967	20,821	20,444	21,000	1	1	[1] 1
Belgium [3]	906	926	[2] 1,072	(NA)	(NA)	(NA)	39	38	[2] 36
Brazil	2,702	2,209	1,820	9,776	8,261	9,711	20,372	21,098	21,919
Bulgaria	3,847	4,443	4,901	67	74	74	2,256	2,401	3,218
Burma	91	117	118	13,100	13,900	14,000	127	167	232
Canada	19,292	24,802	27,620	(NA)	(NA)	(NA)	5,753	6,673	6,383
Chile	966	686	650	95	100	131	405	518	484
China: Mainland	[1] 55,213	[1] 59,643	[1] 63,003	[1] 142,993	[1] 147,042	[1] 155,111	[1] 62,715	[1] 59,301	[1] 64,100
Colombia	46	62	[2] 69	1,798	1,799	[2] 2,070	854	880	[2] 895
Cuba	(NA)	(NA)	(NA)	478	461	[1] 480	[1] 95	[1] 95	[1] 96
Czechoslovakia	5,386	4,325	4,606	(NA)	(NA)	(NA)	745	706	941
Denmark	652	835	1,234	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ecuador	31	41	[2] 40	381	435	405	242	281	[2] 264
Egypt	1,796	1,938	[2] 2,017	2,384	2,236	[2] 2,287	3,231	3,308	[2] 2,709
Ethiopia	522	614	[1] 650	(NA)	(NA)	(NA)	948	[1] 1,100	[1] 1,000
Finland	357	235	435	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
France	23,683	22,858	25,342	24	20	27	9,358	8,956	9,833
German Dem. Rep	3,098	2,942	[1] 2,947	(NA)	(NA)	(NA)	4	3	[2] 4
Germany, Fed. Rep	8,156	8,313	8,632	(NA)	(NA)	(NA)	672	632	1,054
Greece	2,970	2,780	2,992	84	78	83	1,279	1,428	[1] 1,310
Hungary	6,077	4,614	[1] 6,000	24	39	[2] 38	6,673	6,998	[1] 7,000
India	31,830	36,313	37,833	80,312	80,362	[1] 68,000	6,957	6,760	[1] 6,500
Indonesia	(NA)	(NA)	(NA)	29,652	32,774	34,104	3,991	4,509	3,800
Iran	[2] 5,700	[1] 6,600	[1] 6,500	1,212	[1] 1,500	[1] 1,400	[1] 60	[1] 50	[1] 53
Iraq	1,300	[2] 1,100	[1] 900	[1] 250	[1] 250	[1] 250	[1] 90	[1] 90	[1] 90
Ireland	239	250	[1] 320	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Israel	253	215	[1] 100	(NA)	(NA)	(NA)	14	[1] 15	[1] 15
Italy	9,156	8,828	8,998	968	837	915	6,377	7,197	6,820
Japan	583	587	742	12,189	12,824	12,838	4	[2] 3	[2] 3
Kampuchea	(NA)	(NA)	(NA)	[2] 1,470	[2] 1,160	[2] 1,500	[1] 100	[1] 98	[1] 110
Korea, Dem. Peo. Rep	[1] 390	[1] 400	[1] 385	[1] 4,960	[1] 4,900	[1] 4,950	[1] 2,200	[1] 2,250	[1] 2,270
Korea, Republic of	92	57	66	5,311	7,149	7,308	154	145	117
Laos	(NA)	(NA)	(NA)	1,053	1,155	1,184	28	33	[1] 33
Madagascar	[4]	[4]	[4]	2,109	2,135	[1] 2,000	127	[2] 126	[1] 127
Malaysia	(NA)	(NA)	(NA)	2,070	2,095	2,062	8	8	9
Mexico	2,785	3,189	4,468	458	644	600	12,383	14,766	12,215
Nepal	440	477	450	2,464	2,060	2,300	743	752	612
Netherlands	882	882	967	(NA)	(NA)	(NA)	[2] 2	[1] 2	[1] 2
New Zealand	306	368	320	(NA)	(NA)	(NA)	156	152	214
Pakistan	10,805	11,303	11,570	4,679	5,145	[2] 5,000	946	931	950
Panama	(NA)	(NA)	(NA)	[2] 162	[2] 192	[1] 150	[2] 63	[2] 63	[1] 63
Peru	77	119	130	420	712	[2] 554	443	587	656
Philippines	(NA)	(NA)	(NA)	7,836	8,158	8,346	3,176	3,290	3,475
Poland	4,175	4,203	4,476	(NA)	(NA)	(NA)	58	65	68
Portugal	433	315	445	155	112	143	489	419	464
Romania	6,427	5,310	6,460	39	49	[1] 65	11,153	11,892	[2] 12,600
South Africa	1,470	2,340	2,300	[1] 3	[1] 3	[1] 3	10,790	14,660	8,320
Soviet Union	98,182	[1] 80,000	[1] 87,000	2,791	[1] 2,400	[1] 2,500	9,454	[1] 8,000	[1] 12,500
Spain	6,040	3,409	4,368	433	444	409	2,314	2,157	2,284
Sri Lanka	(NA)	(NA)	(NA)	2,137	2,233	[1] 2,150	21	[1] 23	[1] 23
Sweden	1,193	1,066	1,377	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Switzerland	395	412	[2] 423	(NA)	(NA)	(NA)	91	135	[2] 143
Syria	2,226	2,086	1,544	[4]	[4]	[4]	47	46	[1] 50
Thailand	(NA)	(NA)	(NA)	17,368	17,774	[2] 17,500	2,998	3,449	3,004
Turkey	16,554	17,000	[1] 17,650	234	330	[1] 350	1,240	1,200	[2] 1,400
United Kingdom	8,470	8,707	10,258	(NA)	(NA)	(NA)	1	[1] 1	[1] 1
Uruguay	307	388	[2] 275	280	330	340	119	196	97
Venezuela	[4]	[2] 1	[2] 1	712	730	670	519	452	[2] 501
Vietnam	(NA)	(NA)	(NA)	11,679	12,570	13,760	418	[1] 460	[1] 487
Yugoslavia	5,091	4,270	5,217	42	42	[1] 43	9,317	9,807	11,137

NA Not available. [1] FAO estimate. [2] Unofficial figure. [3] Includes Luxembourg. [4] None or negligible.

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, *1982 FAO Production Yearbook*, vol. 36, (copyright).

No. 1501. Wheat, Rice and Corn—Exports and Imports of 10 Leading Countries: 1980 to 1982

[In thousands of metric tons. Countries listed are the ten leading exporters or importers in 1982]

Leading exporters	Exports			Leading importers	Imports		
	1980	1981	1982		1980	1981	1982
WHEAT				**WHEAT**			
United States	35,756	43,909	40,522	Soviet Union	14,700	16,500	20,900
Canada	17,016	15,495	19,205	China: Mainland	11,657	13,597	14,707
Australia	14,876	10,552	10,912	Japan	5,682	5,633	5,713
France	9,889	12,785	10,736	Brazil	4,755	4,360	4,224
Argentina	4,495	3,762	3,801	Egypt	4,417	3,949	3,904
United Kingdom	1,057	1,511	2,354	Poland	3,466	3,448	3,802
Soviet Union	1,270	1,600	1,633	Italy	3,134	3,016	3,416
Hungary	814	1,298	1,147	India	344	1,400	2,400
Bulgaria	509	319	1,018	Korea, Rep. of	1,868	1,957	1,928
Germany, Fed. Rep	774	496	925	Germany, Fed. Rep	1,210	1,383	1,611
RICE				**RICE**			
Thailand	2,797	3,027	3,818	Soviet Union	694	1,283	859
United States	3,054	3,133	2,540	Nigeria	400	600	530
Pakistan	1,087	1,244	951	Iran	402	587	475
Burma	653	674	701	Saudi Arabia	356	427	470
India	472	940	600	Malaysia	168	317	390
Australia	457	281	596	Hong Kong	359	360	365
China: Mainland	1,377	685	561	Iraq	345	350	360
Italy	577	579	532	Madagascar	81	193	355
Japan	689	855	318	Ivory Coast	253	335	351
Korea, Dem. Peo. Rep	300	300	300	Senegal	279	322	342
CORN				**CORN**			
United States	63,152	54,656	48,942	Japan	12,830	13,590	13,571
Argentina	3,481	9,163	5,226	Soviet Union	10,000	14,630	11,400
South Africa	3,317	4,400	4,000	Spain	4,533	4,830	5,431
France	3,181	2,355	3,186	China: Mainland	4,433	3,287	4,117
Thailand	2,175	2,559	2,994	Belgium-Luxembourg	2,570	2,576	3,057
Belgium-Luxembourg	1,357	1,486	1,790	Korea, Rep. of	2,351	3,051	2,854
Canada	771	1,207	715	Portugal	2,624	2,644	2,431
Brazil	6	7	544	Netherlands	3,010	2,622	2,278
Romania	1,000	1,395	500	United Kingdom	2,813	2,235	2,122
Hungary	83	123	438	German Dem. Rep	3,161	1,823	2,100

Source: U.S. Dept. of Agriculture, Economic Research Service. Data from Food and Agriculture Organization of the United Nations, Rome, Italy, *FAO Trade Yearbook*.

No. 1502. Meat—Production, by Country: 1980 to 1982

[**In thousands of metric tons.** Covers beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. In terms of carcass weight. Excludes lard, tallow, and edible offals. See text, p. 836, for general comments concerning the data]

Country	1980	1981	1982, est.	Country	1980	1981	1982, est.
World, total	**110,222**	**110,994**	**111,239**	India	654	688	707
				Indonesia	310	312	316
United States	17,680	17,706	17,057	Iran	459	462	471
				Italy	2,305	2,285	2,313
Argentina	3,267	3,302	2,927	Japan	1,893	1,867	1,908
Australia [1]	2,332	2,281	2,307	Kenya	235	255	267
Belgium [2]	985	1,004	994	Mexico	1,145	1,151	1,172
Brazil	3,115	3,141	3,322	Netherlands	1,565	1,648	1,605
Canada	1,852	1,891	1,887	New Zealand [1]	1,091	1,158	1,170
China: Mainland	19,364	19,850	20,570	Nigeria	459	471	484
Czechoslovakia	1,210	1,233	1,130	Pakistan	657	689	704
Denmark	1,218	1,232	1,223	Poland	2,397	1,881	2,048
France	3,880	3,925	3,815	Romania	1,359	1,361	1,374
German Dem. Rep	1,612	1,705	1,663	Soviet Union	12,609	12,657	12,562
Germany, Fed. Rep. of	4,800	4,771	4,647	Spain	1,545	1,579	1,640
Hungary	1,065	1,054	1,080	United Kingdom	2,307	2,263	2,187
				Yugoslavia	1,117	1,133	1,154

[1] Year ending June 30 for Australia and September 30 for New Zealand. [2] Includes Luxembourg.

Source: Statistical Office of the United Nations, New York, NY, *Statistical Yearbook*. (Copyright.)

No. 1503. Transportation—Shipping, Railways, and Aviation, by Country: 1982

[See text, p. 836, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

Country	Merchant shipping fleets,[1] (1,000 gross tons)	Rail traffic[2]		Civil aviation, kilometers flown,[3] (mil.)
		Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)	
World, total	**424,742**	(NA)	(NA)	[4] 9,010
United States	[5] 19,111	[6 7] 17,695	[6 7] 1,341,717	4,137.1
Algeria	1,365	(NA)	(NA)	29.8
Angola	90	(NA)	(NA)	11.4
Argentina	2,256	10,153	11,472	75.9
Australia	1,875	(NA)	[8] 37,320	201.2
Austria	101	7,217	10,104	23.1
Belgium	2,271	6,879	6,774	49.8
Brazil	5,678	[9] 13,133	[9 10] 79,269	203.4
Bulgaria	1,248	7,092	[10] 18,276	16.4
Canada	[5] 3,213	[10] 1,608	[10] 200,844	329.9
Chile	495	1,506	1,773	26.3
China:				
Mainland	8,057	[9] 146,987	[9] 570,134	64.7
Taiwan[11]	2,481	8,173	2,175	34.8
Colombia	314	[9] 230	[9 10] 625	70.8
Cuba	949	2,073	2,550	15.6
Czechoslovakia	185	19,043	71,585	19.5
Denmark	5,214	[9 12] 4,003	[9 12] 1,574	34.8
Dominican Republic	35	(NA)	(NA)	5.5
Ecuador	354	[14] 69	[14] 29	19.4
Egypt	636	[6] 10,995	[14] 2,472	34.9
Finland	2,377	3,326	8,000	37.1
France	10,771	56,854	[15] 60,554	270.7
German Dem. Rep	1,439	24,785	63,009	(NA)
Germany, Fed. Rep. of	7,707	36,828	57,264	198.7
Ghana	257	[9] 314	[9] 92	3.0
Greece	40,035	1,501	[16] 586	40.4
Hong Kong	3,499	407	60	(NA)
Hungary	82	11,871	22,725	17.6
India	6,214	[9 17] 220,787	[9 17] 164,253	92.5
Indonesia	1,847	6,293	885	101.2
Iran	1,313	[9] 2,526	[9] 3,861	14.9
Iraq	1,521	(NA)	(NA)	13.3
Ireland	239	887	670	19.7
Israel	676	221	827	27.6
Italy	10,375	40,224	16,836	129.4
Ivory Coast	152	888	[10] 612	4.5
Jamaica	(NA)	(NA)	(NA)	14.5
Japan	41,594	314,940	31,320	373.2
Korea, Rep. of	5,529	[9] 21,528	10,716	74.0
Kuwait	2,014	(NA)	(NA)	23.6
Lebanon	368	(NA)	(NA)	32.1
Liberia	70,718	(NA)	(NA)	(NA)
Libya	912	(NA)	(NA)	14.9
Malaysia	1,195	[18 19] 1,615	[18 19] 1,091	44.3
Mexico	1,252	5,316	37,600	155.5
Morocco	394	[9] 1,197	[9] 3,967	17.7
Netherlands	5,393	9,376	2,867	[20] 112.1
New Zealand	250	[21] 396	[21] 3,265	45.2
Nigeria	463	(NA)	[10 17] 972	22.4
Norway	21,862	2,242	2,479	56.1
Pakistan	580	[22] 16,325	[23] 6,931	44.0
Panama	32,600	(NA)	(NA)	7.4
Peru	836	(NA)	(NA)	27.6
Philippines	2,774	284	21	45.7
Poland	3,651	49,266	112,689	11.8
Portugal	1,402	5,412	1,056	39.2
Romania	2,203	[16] 25,578	[10] 71,110	17.1
Saudi Arabia	4,302	105	393	99.4
Singapore	7,183	[18]	[18]	68.5
South Africa	776	(NA)	[21 23] 82,026	72.1
Soviet Union	23,789	347,852	3,464,480	125.1
Spain	8,131	14,703	10,038	160.5
Sri Lanka	125	[24] 3,121	[24] 217	10.1
Sweden	3,788	6,550	14,250	69.1
Switzerland	315	10,310	6,504	98.3
Syria	43	408	708	9.6
Thailand	442	[24] 9,231	[24] 2,421	50.8
Trinidad and Tobago	(NA)	(NA)	(NA)	13.9
Tunisia	136	[16] 944	[10] 1,575	15.3
Turkey	2,128	5,436	6,012	12.2
United Kingdom	22,505	[25] 27,780	[25] 15,876	[26] 367.5
Uruguay	202	[9] 339	[9] 205	5.5
Venezuela	911	19	29	58.1
Yugoslavia	2,532	10,824	25,812	28.5
Zaire	92	(NA)	(NA)	8.3
Zambia	(NA)	(NA)	(NA)	8.4

NA Not available. [1] As of June 30. Represents gross registered tons (see text, p. 614). Excludes vessels without mechanical means of propulsion, includes sailing vessels with auxiliary power. Estimated. [2] Relates to domestic and international traffic on all railway lines within each country shown, excluding railways entirely within an urban unit and plantation, industrial mining, funicular, and cable railways. In general, passenger-kilometers include all passengers except military, government, and railway personnel when carried without revenue; ton-kilometers relate to freight net ton-kilometers and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage, and nonrevenue governmental stores. [3] Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services. [4] Excludes Soviet Union. [5] Includes the Great Lakes. [6] For 1980. [7] Class I railways only. [8] Year ending June 30. [9] For 1981. [10] Includes service traffic. [11] Source: U.S. Bureau of the Census. Data from Republic of China publications. [12] Includes ferry traffic. [13] Includes passengers' baggage and parcel post. [14] For 1979. [15] Includes passengers' baggage. [16] Includes military traffic. [17] Year beginning Apr. 1. [18] Data for Singapore included in Malaysia. [19] West Malaysia only. [20] Includes data for airlines based in the Netherlands territories and dependencies. [21] Year ending March 31. [22] Year beginning July 1. [23] Includes Namibia. [24] Year ending Sept. 30. [25] Excludes Northern Ireland. [26] Includes data for airlines based in the United Kingdom territories and dependencies.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Statistical Yearbook* (copyright).

No. 1504. Foreign Trade of Selected Countries—Source of Imports and Destination of Exports: 1983

[In billions of dollars, except percent. All exports are f.o.b. (free on board) and all imports are c.i.f. (cost insurance freight) except for U.S., Australian and Canadian imports, which are f.o.b.]

COUNTRY	Total [1]	O.E.C.D.[2] Total	O.E.C.D.[2] E.E.C.[3]	Soviet Union and Eastern Europe	China: Mainland, Vietnam, Dem. Peo. Rep. of Korea	O.P.E.C.[4]	Other developing countries [5]	Africa	America [6]	Middle East [7]	Far East [8]
IMPORTS											
United States	258.0	149.7	43.9	1.4	2.2	25.1	77.6	14.4	41.7	7.1	40.9
Australia	19.4	14.4	4.1	.1	.2	1.6	2.8	.1	.2	1.5	2.5
Austria	19.4	15.3	12.2	2.0	(Z)	.7	1.3	.7	.4	.3	.4
Belgium [9]	54.1	46.0	36.5	1.5	.1	2.4	3.8	2.5	1.3	1.6	1.0
Canada	61.3	54.1	4.8	.2	.2	1.7	5.0	.6	3.0	.6	2.6
Denmark	16.2	13.6	7.8	.7	.1	.5	1.2	.3	.6	.4	.4
France	105.0	75.1	52.2	4.0	.4	13.3	10.6	10.7	3.5	7.4	2.4
Germany, F.R.	151.9	116.4	75.0	7.6	.8	10.7	15.5	8.9	5.8	4.2	6.3
Italy	80.3	49.0	34.3	5.3	.4	14.8	9.5	9.9	3.8	9.2	1.7
Japan	126.4	47.8	8.1	1.7	5.3	42.1	27.8	3.3	6.4	33.4	28.0
Netherlands	61.4	45.6	32.8	3.3	.2	6.0	6.2	3.9	2.3	3.3	2.6
Spain	29.1	15.6	9.4	.9	.1	7.2	5.1	3.5	3.6	4.8	.5
Sweden	26.1	21.8	13.7	1.7	.1	.9	1.6	.6	.7	.2	.8
Switzerland	29.1	25.2	19.1	1.0	.1	1.0	1.8	1.1	.5	.4	.8
United Kingdom	100.1	81.7	45.7	2.0	.4	4.0	10.7	4.2	2.6	2.9	5.6
PERCENT											
United States	100.0	58.0	17.0	.5	.9	9.7	30.1	5.6	16.2	2.8	15.8
Australia	100.0	74.2	21.0	.5	1.2	8.5	14.7	.6	1.0	7.8	13.0
Austria	100.0	78.7	62.7	10.5	.2	3.8	6.5	3.4	2.3	1.7	2.1
Belgium [9]	100.0	85.0	67.4	2.8	.2	4.4	7.0	4.5	2.4	2.9	1.9
Canada	100.0	88.3	7.9	.3	.3	2.8	8.1	1.0	4.9	1.0	4.2
Denmark	100.0	83.9	48.1	4.1	.6	3.2	7.3	2.1	3.4	2.5	2.7
France	100.0	71.6	49.8	3.9	.4	12.7	10.1	10.2	3.4	7.0	2.3
Germany, F.R.	100.0	76.6	49.3	5.0	.5	7.0	10.2	5.9	3.8	2.8	4.1
Italy	100.0	61.0	42.8	6.6	.5	18.4	11.8	12.3	4.7	11.4	2.1
Japan	100.0	37.8	6.4	1.4	4.2	33.3	22.0	2.6	5.0	26.4	22.1
Netherlands	100.0	74.3	53.4	5.4	.3	9.8	10.1	6.4	3.7	5.4	4.2
Spain	100.0	53.7	32.3	3.0	.3	24.9	17.6	12.1	12.2	16.4	1.8
Sweden	100.0	83.5	52.3	6.6	.3	3.3	6.1	2.5	2.9	.9	2.9
Switzerland	100.0	86.5	65.6	3.4	.3	3.5	6.0	3.7	1.8	1.3	2.6
United Kingdom	100.0	81.6	45.6	2.0	.4	4.0	10.6	4.2	2.6	2.9	5.6
EXPORTS											
United States	200.5	120.1	44.3	2.9	2.2	16.9	56.0	8.6	25.7	13.8	25.9
Australia	20.8	12.5	3.0	.7	.4	1.3	5.0	.5	.2	1.1	3.9
Austria	15.4	11.1	8.3	1.9	(Z)	1.1	1.3	.6	.2	1.0	.3
Belgium [9]	51.8	43.8	36.3	1.1	.2	2.1	3.9	1.8	.4	2.1	1.6
Canada	73.8	64.7	5.5	1.7	1.3	1.6	4.4	1.0	2.3	.9	1.9
Denmark	16.0	13.2	7.7	.2	.1	.9	1.6	.6	.4	.8	.5
France	91.2	63.3	44.8	3.3	.5	8.7	14.7	11.3	3.6	5.3	2.7
Germany, F.R.	168.7	129.1	81.2	7.7	1.1	12.3	16.0	7.5	3.9	10.9	5.7
Italy	72.8	49.8	33.6	2.7	.3	9.9	8.8	6.4	1.9	7.5	2.0
Japan	147.0	75.4	18.5	3.6	5.4	19.1	41.8	5.9	5.9	15.6	34.5
Netherlands	65.4	55.7	47.2	1.1	.1	3.0	4.1	2.4	.8	2.4	1.4
Spain	19.8	12.9	9.6	.5	.1	2.8	3.3	2.6	1.3	1.5	.6
Sweden	27.4	22.5	13.4	.7	.1	1.8	2.1	.9	.6	1.6	.9
Switzerland	25.6	19.0	12.6	.8	.1	2.1	3.4	1.2	.9	2.1	1.4
United Kingdom	91.8	68.6	40.2	1.4	.2	8.0	11.6	5.9	1.8	7.7	5.2
PERCENT											
United States	100.0	59.9	22.1	1.4	1.1	8.4	27.9	4.3	12.8	6.9	12.9
Australia	100.0	60.2	14.4	3.3	2.0	6.0	24.0	2.2	.8	5.1	18.6
Austria	100.0	71.7	53.7	12.1	.3	7.3	8.1	4.1	1.0	6.2	1.9
Belgium [9]	100.0	84.5	70.0	2.1	.4	4.0	7.6	3.6	.9	4.0	3.2
Canada	100.0	87.7	7.5	2.3	1.8	2.2	5.9	1.3	3.1	1.2	2.6
Denmark	100.0	82.4	47.9	1.5	.4	5.4	9.7	3.6	2.7	4.8	3.2
France	100.0	69.4	49.2	3.7	.6	9.6	16.1	12.4	4.0	5.8	3.0
Germany, F.R.	100.0	76.5	48.1	4.6	.7	7.3	9.5	4.4	2.3	6.4	3.4
Italy	100.0	68.5	46.2	3.7	.4	13.6	12.1	8.9	2.6	10.3	2.7
Japan	100.0	51.3	12.6	2.4	3.6	13.0	28.4	4.0	4.0	10.6	23.5
Netherlands	100.0	85.1	72.2	1.6	.2	4.5	6.2	3.6	1.2	3.7	2.1
Spain	100.0	64.9	48.3	2.6	.5	13.9	16.7	13.1	6.5	7.6	2.9
Sweden	100.0	82.1	48.7	2.5	.5	6.6	7.8	3.1	2.1	5.9	3.2
Switzerland	100.0	74.1	49.2	3.0	.5	8.2	13.2	4.5	3.5	8.1	5.4
United Kingdom	100.0	74.8	43.8	1.6	.3	8.7	12.7	6.4	2.0	8.4	5.7

Z Less than $50 million. [1] Includes other areas not shown separately. [2] Organization for Economic Cooperation and Development. For member countries, see text, pp. 835 and 836. [3] European Economic Community comprises Belgium-Luxembourg, Denmark, France, Federal Republic of Germany, Greece, Ireland, Italy, Netherlands, and United Kingdom. [4] Organization of Petroleum Exporting Countries. For member countries, see footnote 4, table 1511. [5] Comprises trade with all countries other than China: Mainland, Democratic People's Republic of Korea, Vietnam, South Africa, Soviet Union, Eastern Europe, and members of O.P.E.C. and O.E.C.D. [6] All countries comprising the continent except Canada and the United States. [7] Comprises Syria, Lebanon, Israel, Gaza Strip, Jordan, Iraq, Saudi Arabia, People's Democratic Republic of Yemen, Yemen Arab Republic, Kuwait, Bahrain, United Arab Emirates, Qatar, Oman, and Iran. [8] All countries comprising the continent except Japan, China: Mainland, Democratic People's Republic of Korea, and Vietnam. [9] Includes Luxembourg.

Source: Organization for Economic Cooperation and Development, Paris, France. Data derived from *Monthly Statistics of Foreign Trade*, series A, June 1984.

No. 1505. Reserve Assets and Current Account and Merchandise Trade Balances: 1980 to 1983

[**In millions of U.S. dollars.** Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (–) indicates debits]

Country	Total reserve assets				Current account balance			Merchandise trade balance		
			1983							
	1980	1982	Total	Currency holdings [1]	1980	1982	1983	1980	1982	1983
United States	15,600	22,810	22,630	6,290	480	–11,200	–40,840	–25,530	–28,050	–60,550
Algeria	3,773	2,422	1,880	1,593	249	–183	(NA)	4,056	3,620	(NA)
Argentina	6,719	2,506	1,172	1,172	–4,774	–2,477	(NA)	–1,373	2,726	(NA)
Australia	1,690	6,371	8,869	8,675	–3,668	–7,848	–5,114	1,378	–2,614	214
Austria	5,280	5,300	4,515	3,886	–1,725	385	–119	–6,471	–3,292	–3,429
Belgium	7,823	3,927	4,714	3,776	–4,945	–2,804	(NA)	–5,154	3,727	(NA)
Brazil	5,769	3,928	4,355	4,355	–12,806	–16,312	(NA)	–2,823	778	(NA)
Canada	3,041	3,000	3,465	2,741	–915	2,398	1,274	8,013	15,417	15,166
Chile	3,123	1,815	2,036	2,031	–438	–2,216	(NA)	–2,960	–3,715	(NA)
Colombia	4,831	3,861	1,901	1,429	–159	–2,895	(NA)	–238	–2,189	(NA)
Denmark	3,387	2,266	3,621	3,282	–2,466	–2,259	–1,176	–2,023	–794	236
Ecuador	1,013	304	645	632	–642	–1,195	(NA)	302	162	(NA)
Egypt	1,046	698	771	739	–438	–2,216	(NA)	–2,960	–3,715	(NA)
Finland	1,870	1,518	1,238	1,070	–1,394	–920	–942	–378	301	223
France	27,340	16,531	19,851	18,057	–4,208	–12,084	(NA)	–13,418	–15,784	–8,022
Germany, Fed. Rep. of	48,592	44,762	42,674	37,313	–15,960	3,440	3,910	8,990	25,260	21,870
Greece	1,346	861	901	810	–2,209	–1,892	–2,432	–5,557	–4,769	–4,295
India	6,944	4,315	4,937	4,318	–1,785	(NA)	(NA)	–5,644	(NA)	(NA)
Indonesia	5,392	3,144	3,718	3,639	2,864	–5,950	(NA)	9,170	1,355	(NA)
Ireland	2,860	2,622	2,640	2,450	–1,744	(NA)	(NA)	–2,223	(NA)	(NA)
Israel	3,351	3,839	3,651	3,613	–809	–2,208	–2,177	–3,182	–3,297	–3,180
Italy	23,140	14,090	20,105	18,524	–9,801	–5,767	(NA)	–16,417	–8,130	(NA)
Japan	24,636	23,334	24,602	20,364	–10,750	6,850	21,030	2,130	18,080	31,660
Jordan	1,143	884	824	798	374	–333	(NA)	–1,561	–2,127	(NA)
Korea, Republic of	2,925	2,807	2,347	2,230	–5,321	–2,650	–1,607	–4,384	–2,594	–1,700
Kuwait	3,929	5,913	5,192	4,425	15,272	5,787	(NA)	13,848	3,501	(NA)
Libya	13,091	7,059	5,219	4,856	8,240	(NA)	(NA)	11,028	(NA)	(NA)
Malaysia	4,387	3,768	3,784	3,509	–285	–3,428	–2,847	2,406	–727	663
Mexico	2,960	834	3,913	3,795	–8,162	–2,943	(NA)	–2,830	6,885	(NA)
Netherlands	11,645	10,132	10,171	8,702	–2,974	3,697	3,551	–1,415	4,615	4,060
Nigeria	10,235	1,613	990	963	4,247	–7,321	(NA)	11,106	–3,908	(NA)
Norway	6,048	6,874	6,629	5,930	1,098	675	(NA)	1,896	2,350	(NA)
Pakistan	496	969	1,973	1,879	–924	–822	(NA)	–2,876	–3,389	(NA)
Peru	1,979	1,348	(NA)	(NA)	62	–1,647	(NA)	837	–557	(NA)
Philippines	2,846	1,720	786	785	–2,046	–3,368	(NA)	–1,938	–2,646	(NA)
Portugal	795	447	385	353	–1,064	–3,250	(NA)	–4,029	–4,863	(NA)
Saudi Arabia	23,437	29,549	27,287	17,457	41,401	(NA)	(NA)	72,479	(NA)	(NA)
Singapore	6,567	8,480	9,264	9,130	–1,564	–1,300	–956	–4,229	–6,816	–5,879
South Africa	726	485	823	721	3,506	–3,059	320	7,288	584	3,921
Spain	11,863	7,655	7,402	6,997	–5,173	–4,279	–2,474	–11,728	–9,250	–7,387
Sweden	3,418	3,513	4,034	3,653	–4,404	–3,450	–1,061	–2,198	–377	1,825
Switzerland	15,656	15,460	15,034	14,355	–148	3,624	(NA)	–5,902	–2,110	(NA)
Thailand	1,560	1,538	1,607	1,561	–2,070	–1,006	(NA)	–1,902	–731	(NA)
Trinidad and Tobago	2,781	3,081	2,105	1,882	397	(NA)	(NA)	837	(NA)	(NA)
Turkey	1,274	923	1,270	1,235	–3,233	–790	(NA)	–4,010	–1,991	(NA)
United Kingdom	20,650	12,400	11,340	8,720	8,741	9,529	3,047	3,714	3,999	–812
Venezuela	6,604	6,579	7,617	6,346	4,728	–4,246	(NA)	8,174	2,748	(NA)
Yemen Arab Republic	1,283	554	366	351	–685	–607	–559	–1,855	–1,921	–1,756
Yugoslavia	1,384	775	976	921	–2,316	–475	(NA)	–4,889	–2,023	(NA)

NA Not available. [1] Holdings of convertible foreign currencies.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly with annual supplements.

No. 1506. Foreign Exchange Rates: 1970 to 1984

[In U.S. cents per unit of foreign currency. Except as indicated, figures are annual averages]

COUNTRY	Currency unit	1970	1975	1978	1979	1980	1981	1982	1983	1984, Aug.
Australia	Dollar	111.36	130.77	114.82	111.77	114.00	114.95	101.65	90.14	89.58
Austria	Schilling	3.87	5.75	6.90	7.48	7.73	6.29	5.86	5.57	5.17
Belgium	Franc	2.01	2.73	3.18	3.41	3.42	2.70	2.18	1.96	1.79
Canada	Dollar	95.80	98.30	87.73	85.39	85.53	83.41	81.01	81.14	77.83
Denmark	Krone	13.33	17.44	18.16	19.01	17.77	14.08	11.98	10.93	9.95
France	*Franc*	*18.09*	*23.35*	*22.22*	*23.50*	*23.69*	*18.49*	*15.20*	*13.12*	*11.84*
Germany, Fed. Rep	Deutsche Mark	27.42	40.73	49.87	54.56	55.09	44.36	41.19	39.16	36.37
India	Rupee	13.23	11.93	12.21	12.27	12.69	11.55	10.54	9.90	9.07
Ireland	Pound	239.59	222.16	191.84	204.65	205.77	161.32	142.05	124.81	111.76
Italy	*Lira*	*.16*	*.15*	*.12*	*.12*	*.12*	*.09*	*.07*	*.07*	*.06*
Japan	Yen	.28	.34	.48	.46	.44	.45	.40	.42	.43
Mexico	Peso	8.01	8.00	4.39	4.38	4.35	4.08	1.37	.65	.54
Netherlands	Guilder	27.65	39.63	46.28	49.84	50.37	40.19	37.43	35.03	32.26
Norway	Krone	13.99	19.18	19.08	19.75	20.26	17.46	15.49	13.70	12.72
Portugal	Escudo	3.50	3.93	2.28	2.04	2.00	1.63	1.25	.90	.71
South Africa	Rand	139.24	136.47	115.01	118.72	128.54	114.77	92.30	89.85	754.49
Spain	*Peseta*	*1.43*	*1.74*	*1.31*	*1.49*	*1.40*	*1.09*	*.91*	*.70*	*.64*
Sweden	Krona	19.28	24.14	22.14	23.32	23.65	19.86	15.91	13.03	12.38
Switzerland	Franc	23.20	38.74	56.28	60.12	59.70	51.03	49.20	47.61	44.01
United Kingdom	Pound	239.59	222.16	191.84	212.24	232.58	202.43	174.80	151.59	138.69

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1507. Foreign Exchange Rates, by Country: 1981 to 1983

[National currency units per U.S. dollar. As of **December 31.** Represents mid-point market quotations to extent available. For countries with fixed relationships to a third currency, represents exchange rates of the third currency, times the fixed relationships. *For currencies not quoted in exchange markets,* represents official rates. For countries with multiple exchange rate systems, represents rate applicable to principal trade transactions]

COUNTRY	Currency unit	EXCHANGE RATE			COUNTRY	Currency unit	EXCHANGE RATE		
		1981	1982	1983			1981	1982	1983
Algeria	Dinar	4.38	4.64	4.92	Korea, Rep. of	Won	701	749	796
Argentina	Peso Argentino	.725	4.855	23.26	Kuwait	Dinar	.281	.289	.293
Australia	Dollar	.887	1.020	1.120	Liberia	Dollar	1.00	1.00	1.00
Austria	Schilling	15.9	16.7	19.3	Libya	Dinar	.296	.296	.296
Belgium	Franc	38.5	46.9	55.6	Malaysia	Ringgit	2.24	2.32	2.34
Bolivia [1]	Peso Boliviano	24.5	196.0	500.0	Mexico	Peso	26.2	96.5	143.8
Brazil [2]	Cruzeiro	127.8	252.7	984.0	Netherlands	Guilder	2.47	2.62	3.06
Canada	Dollar	1.19	1.23	1.24	New Zealand	NZ Dollar	1.21	1.37	1.53
Chile	Peso	39.0	73.4	87.5	Nicaragua	Cordoba	10.05	10.05	10.05
Colombia [3]	Peso	59.1	70.3	88.8	Nigeria	Naira	.637	.670	.749
Costa Rica	Colon	36.1	40.3	43.4	Norway	Krone	5.81	7.05	7.74
Denmark	Krone	7.33	8.38	9.88	Pakistan [1]	Rupee	9.90	12.84	13.50
Egypt [1]	Pound	.700	.700	.700	Peru	Sol	506.2	989.7	2.272
Finland	Markka	4.36	5.29	5.81	Philippines	Peso	8.20	9.17	14.00
France	Franc	5.75	6.73	8.35	Portugal	Escudo	65.2	89.1	131.5
Germany, F. R. of	D. Mark	2.25	2.38	2.72	Saudi Arabia	Riyal	3.42	3.44	3.50
Ghana [3]	Cedi	2.75	2.75	30.0	Singapore	Dollar	2.05	2.11	2.13
Greece	Drachma	57.6	70.6	98.7	South Africa	Rand	.957	1.074	1.222
Honduras	Lempira	2.00	2.00	2.00	Spain	Peseta	97.5	125.6	156.7
					Sri Lanka	Rupee	20.55	21.32	25.00
India	Rupee	9.10	9.63	10.5	Sweden	Krona	5.57	7.29	8.00
Indonesia	Rupiah	644	693	994	Switzerland	Franc	1.80	1.99	2.18
Iran	Rial	79.5	83.4	86.2	Tanzania	Shilling	8.32	9.57	12.46
Iraq	Dinar	.295	.311	.311	Thailand	Baht	23.0	23.0	23.0
Ireland	Pound	.633	.716	.881	Turkey	Lira	133.6	186.8	282.8
Israel	Shekel	15.60	33.65	107.8	United Kingdom	Pound	.524	.619	.689
Italy	Lira	1,200	1,370	1,660	Uruguay [2]	New Peso	11.59	33.75	43.25
Ivory Coast	CFA Franc	287	336	417	Venezuela	Bolivar	[2] 4.29	[2] 4.29	4.30
Jamaica [3]	Dollar	1.781	1.781	3.278	Yugoslavia	Dinar	41.8	62.5	125.7
Japan	Yen	220	235	232	Zaire	Zaire	5.465	5.746	30.1
Jordan	Dinar	.339	.351	.371	Zambia	Kwacha	.883	.930	1.511
Kenya	Shilling	10.29	12.73	13.80					

[1] Buying rates: The rates at which the monetary authorities (or the commercial banks) buy foreign exchange for national currency from recipients of foreign exchange. [2] *Selling rates: The rates* at which monetary authorities (or commercial banks) sell foreign exchange for national currency to those making payments abroad. [3] Represents official rate.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly.

No. 1508. Money Supply—Annual Percent Changes, by Country: 1978 to 1983

[See text, p. 836, for general comments concerning the data. Money supply as shown here is composed of currency plus demand deposits (M-1). For additional qualifications of the data for individual countries, see source. Minus sign (–) indicates decrease]

COUNTRY	1978–1979	1979–1980	1980–1981	1981–1982	1982–1983	COUNTRY	1978–1979	1979–1980	1980–1981	1981–1982	1982–1983
United States	7.6	9.1	5.1	4.8	9.0	Italy	23.9	15.9	11.1	11.5	15.4
						Japan	9.9	.8	3.7	7.1	3.0
Algeria	17.8	15.9	17.2	(NA)	(NA)	Kenya	9.3	10.8	1.8	10.7	11.1
Argentina	131.4	115.8	53.9	195.7	287.7	Korea, Republic of	18.0	18.0	11.2	28.6	27.1
Australia	16.4	14.6	9.7	1.7	6.6	Libya	24.7	23.2	32.9	(NA)	(NA)
Austria	–6.1	7.4	3.7	3.1	12.0	Malaysia	18.0	17.1	13.3	11.0	11.3
Bangladesh	18.4	18.7	20.4	3.3	29.4	Mexico	31.4	31.1	36.7	43.8	43.8
Belgium	3.8	–.1	3.5	3.3	4.6	Morocco	17.0	9.9	9.0	14.8	(NA)
Bolivia	13.8	38.4	15.1	120.6	(NA)	Netherlands	2.7	4.2	2.6	4.9	10.5
Brazil	53.2	76.4	65.1	75.4	87.6	Nigeria	12.0	23.0	20.1	3.9	12.8
Burma	13.8	12.2	15.4	9.5	9.0	Norway	8.7	8.5	12.4	10.8	10.7
Canada	4.9	3.9	2.9	.4	13.5	Pakistan	22.5	18.5	14.0	12.9	19.0
Chile	60.0	62.6	23.4	–5.5	28.3	Peru	59.6	71.1	43.4	33.7	75.4
Colombia	25.2	24.8	24.6	23.1	20.5	Philippines	11.9	14.1	11.0	1.8	11.1
Denmark	13.4	6.0	13.1	11.4	20.3	Portugal	18.4	24.5	19.4	13.3	12.8
Ecuador	20.1	25.7	21.7	21.6	22.3	Romania	10.4	30.3	27.0	20.1	(NA)
Egypt	23.9	21.0	12.0	27.5	24.6	South Africa	15.3	29.7	38.7	24.0	24.7
El Salvador	12.0	25.2	–2.7	7.4	–1.0	Spain	13.8	10.2	11.5	14.7	8.3
Ethiopia	14.8	9.7	2.3	9.5	15.4	Sri Lanka	17.8	22.2	12.4	18.9	15.7
Finland	16.5	10.9	10.4	17.5	14.6	Sweden	12.6	19.0	12.1	9.8	(NA)
France	12.3	8.0	12.3	14.8	11.2	Switzerland	8.9	–6.8	–2.2	4.3	10.8
Germany, Fed. Rep. of	7.2	2.4	.9	3.2	10.3	Syria	19.8	27.0	27.4	14.0	(NA)
Ghana	30.3	34.5	35.2	29.3	56.8	Thailand	16.6	15.8	5.1	6.5	7.4
Greece	19.7	20.3	18.3	24.8	12.5	Tunisia	15.0	16.0	25.9	18.5	18.5
Guatemala	11.0	5.7	1.0	6.6	.1	Turkey	54.8	54.2	37.3	27.5	(NA)
India	20.8	12.3	15.7	10.8	14.1	United Kingdom	12.2	4.4	10.2	8.2	14.2
Indonesia	31.4	43.4	32.6	25.5	4.1	Venezuela	7.4	14.1	11.4	9.9	11.6
Iran	48.1	31.5	30.7	(NA)	(NA)	Yugoslavia	17.1	32.4	24.9	24.5	25.1
Ireland	24.0	4.6	13.0	7.2	(NA)	Zaire	54.1	23.3	53.6	56.3	(NA)
Israel	34.0	69.6	93.9	100.6	121.5	Zambia	11.9	10.8	12.7	10.1	15.4

NA Not available.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly, with annual yearbooks.

No. 1509. Central Bank Discount Rates, Money Market Rates, and Government Bond Yields—Selected Countries: 1978 to 1984

[**In percent per annum. Central bank discount rates** refer to the rate at which the monetary authority lends or discounts eligible paper for deposit money banks. **Money market rates** refer to the rate at which short-term borrowings are effected between financial institutions, except for Canada, Switzerland, and United Kingdom, refer to the rate at which short-term government paper is issued or traded in the market. **Government bond yields** refer to one or more series representing average yields to maturity of government bonds or other bonds that would be indicative of longer term rates]

NATIONAL INTEREST RATE AND YEAR	United States	Canada	Japan	France	Germany, Fed. Rep.	Italy	Netherlands	Sweden	Switzerland	United Kingdom
Central bank discount rates:[1]										
1978	9.50	10.75	3.50	9.50	3.00	10.50	6.50	6.50	1.00	12.50
1979	12.00	14.00	6.25	9.50	6.00	15.00	9.50	9.00	2.00	17.00
1980	13.00	17.26	7.25	9.50	7.50	16.50	8.00	10.00	3.00	14.00
1981	12.00	14.66	5.50	9.50	7.50	19.00	9.00	11.00	6.00	(2)
1982	8.50	10.05	5.50	9.50	5.00	18.00	5.00	10.00	4.50	(2)
1983	8.50	9.96	5.00	9.50	4.00	17.00	5.00	8.50	4.00	(2)
1984, May	9.00	11.54	(NA)	9.50	4.00	15.50	5.00	8.50	4.00	(2)
Money market rates:[3]										
1978	7.93	8.67	(NA)	8.16	3.70	11.49	6.24	7.16	(NA)	8.74
1979	11.20	11.68	(NA)	9.48	6.69	11.86	9.03	8.19	(NA)	13.59
1980	13.36	12.80	(NA)	12.20	9.54	17.17	10.13	12.17	5.15	16.10
1981	16.38	17.72	7.69	15.26	12.11	19.60	11.01	14.35	7.82	13.29
1982	12.26	13.64	7.12	14.73	8.88	20.18	8.06	13.29	3.87	11.57
1983	9.09	9.30	6.72	12.63	5.78	18.47	5.28	10.85	3.04	9.57
1984, May	10.32	11.29	(NA)	12.37	6.10	17.32	5.61	11.19	3.06	8.97
Government bond yields:										
1978	8.49	9.30	6.09	8.96	5.80	13.70	7.74	10.09	3.33	12.47
1979	9.33	10.26	7.69	9.48	7.40	14.05	8.76	10.47	3.45	12.99
1980	11.39	12.49	9.22	12.99	8.50	16.11	10.21	11.74	4.77	13.79
1981	13.72	15.22	8.66	15.66	10.38	20.58	11.55	13.49	5.57	14.74
1982	12.92	14.26	8.06	15.56	8.95	20.90	10.10	13.04	4.83	12.68
1983	11.34	11.79	7.42	13.61	7.89	18.02	8.61	12.30	4.52	10.81
1984, May	13.43	13.93	(NA)	12.76	8.00	15.15	8.52	11.55	4.77	10.93

NA Not available. [1] End of period. [2] Minimum lending rate suspended as of August 20, 1981. [3] Period averages.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly.

No. 1510. Total External Public Debt, 1975 to 1982, and by Type of Creditor, 1982, and Debt Service Payments and Ratio, 1975 to 1982

[External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt]

Country	Total external public debt (mil. dol.)							Debt service payments (mil. dol.)			Debt service ratio [3] (percent)		
				1982									
	1975	1980	1981	Total [1]	Bilateral official	Banks [2]	International organizations	1975	1980	1982	1975	1980	1982
Algeria	4,477	16,334	15,359	13,897	2,294	7,840	280	457	3,849	4,261	8.7	25.8	(NA)
Argentina [4]	3,121	10,177	10,562	15,780	668	10,762	1,321	789	1,987	2,342	22.0	17.7	24.5
Bangladesh	1,613	3,521	3,852	4,353	2,330	46	1,878	67	76	111	16.3	5.5	8.3
Bolivia	813	2,195	2,509	2,556	774	1,026	613	75	288	260	15.2	27.2	28.2
Brazil	13,831	39,523	44,513	47,589	4,160	25,586	4,018	1,691	8,035	9,903	17.0	34.5	42.2
Burma [5]	281	1,453	1,639	1,960	1,083	222	498	34	112	120	17.4	22.6	(NA)
Cameroon	372	1,999	2,021	1,912	757	496	553	36	183	264	5.3	8.7	15.6
Chile	3,732	4,722	4,495	5,239	866	3,442	439	502	1,375	1,033	27.2	21.9	18.7
Colombia	2,372	4,070	5,091	6,004	1,145	2,653	1,860	236	529	874	10.6	9.0	17.5
Congo	374	970	1,133	1,370	413	562	206	37	99	273	13.2	9.6	22.6
Costa Rica	421	1,697	2,252	2,475	581	810	521	64	205	137	10.7	16.8	12.5
Dominican Rep	411	1,185	1,368	1,620	946	325	348	49	154	250	4.7	104	16.7
Ecuador	462	3,327	4,218	3,912	1,013	2,087	548	51	557	1,101	4.5	18.7	(NA)
Egypt	4,850	12,786	14,271	15,468	9,052	503	3,252	595	1,411	1,878	22.5	15.3	20.2
Ethiopia	344	701	801	875	352	25	441	25	34	55	7.3	6.0	9.5
Gabon [6]	797	1,356	1,044	871	269	456	52	64	409	288	5.2	16.8	12.6
Ghana	676	1,105	1,105	1,116	547	(NA)	402	48	93	65	5.3	7.3	6.8
Greece	2,633	4,782	5,828	6,783	537	5,144	893	457	914	1,184	10.5	9.7	13.3
Guatemala	143	549	810	1,119	485	110	524	14	45	88	1.8	2.4	6.6
Guinea	762	1,018	1,245	1,230	851	45	194	35	95	79	(NA)	(NA)	(NA)
Honduras	264	991	1,234	1,385	365	309	638	17	98	147	4.7	10.1	18.8
India [5]	12,244	17,576	17,995	19,487	9,235	1,012	9,126	754	1,056	1,151	12.4	7.0	(NA)
Indonesia	7,994	14,882	15,737	18,421	8,126	5,015	2,863	524	1,772	2,309	7.5	8.0	(NA)
Israel	5,915	12,633	14,259	14,900	10,202	1,767	118	712	1,175	2,119	19.3	12.0	20.8
Ivory Coast [6]	936	4,280	4,358	4,861	586	3,086	837	132	820	975	8.8	22.4	36.9
Jamaica	688	1,314	1,434	1,511	568	417	486	81	202	243	6.9	13.7	16.8
Jordan	340	1,265	1,481	1,686	1,201	187	264	21	134	193	3.6	5.4	6.1
Kenya	563	2,131	2,244	2,359	645	654	940	38	233	325	3.8	11.3	20.3
Korea, Rep. of	5,545	15,808	18,279	20,061	4,995	9,453	3,340	667	2,708	3,716	11.3	12.0	13.1
Lebanon	46	194	246	213	46	81	87	11	13	64	(NA)	(NA)	(NA)
Malaysia	1,336	9,587	5,192	7,671	793	4,696	982	144	367	720	3.3	2.5	5.1
Mali	332	668	734	822	520	9	288	3	9	8	2.7	2.7	3.5
Mauritania	188	723	826	1,001	638	46	253	40	30	40	20.8	10.9	11.6
Mexico	11,537	33,591	42,736	50,412	2,136	38,555	4,967	1,593	7,868	8,964	25.0	31.9	29.5
Morocco	1,753	7,087	7,969	9,030	3,730	3,727	1,169	145	1,192	1,394	5.7	27.6	26.7
Nicaragua	600	1,697	2,097	2,810	1,414	801	583	56	77	288	12.3	(NA)	(NA)
Nigeria	1,066	4,087	4,946	6,085	405	4,938	739	247	542	1,340	2.7	2.0	9.5
Oman	270	466	534	677	300	333	42	35	254	108	2.4	6.6	2.2
Pakistan	5,097	8,780	8,812	9,178	6,586	313	2,158	250	592	539	15.5	11.1	9.2
Panama	771	2,266	2,379	2,820	291	1,771	432	72	465	614	5.9	12.8	13.8
Peru	3,021	6,167	5,977	6,900	2,330	2,864	834	441	1,501	1,530	25.6	30.9	36.7
Philippines	1,377	6,464	7,578	8,836	1,548	3,790	2,300	220	585	1,029	6.9	7.2	12.9
Portugal	1,101	6,659	7,501	9,598	1,360	6,638	1,168	113	1,042	1,702	2.8	10.7	20.0
Senegal [6]	296	863	945	1,329	690	220	392	39	177	102	5.5	(NA)	(NA)
Singapore	550	1,320	1,318	1,423	304	542	169	55	263	236	.7	1.0	.8
Somalia	230	714	867	944	574	60	311	4	9	20	3.4	3.4	7.2
Sri Lanka	598	1,333	1,601	1,969	981	385	445	138	82	136	21.5	5.5	8.3
Sudan	1,273	3,891	4,806	5,094	2,673	1,138	1,099	112	89	79	21.7	6.9	7.5
Syria	675	2,406	2,512	2,616	2,151	24	379	104	374	373	7.6	11.2	14.2
Tanzania	798	1,338	1,497	1,659	737	115	793	29	51	53	5.9	7.1	(NA)
Thailand	616	4,123	5,187	6,206	1,564	2,369	1,931	72	434	788	2.4	5.1	8.4
Trinidad and Tobago	159	606	660	651	192	359	58	27	222	160	2.0	6.5	(NA)
Tunisia	1,024	3,229	3,282	3,472	1,742	918	588	101	431	486	6.8	13.0	15.1
Turkey	3,165	15,136	15,435	15,933	7,862	4,270	3,079	263	1,020	1,818	7.9	17.8	18.6
Uruguay	618	1,116	1,334	1,830	165	1,029	201	229	193	226	41.2	12.1	13.4
Venezuela	1,262	10,873	11,352	12,122	149	10,446	151	539	2,964	3,150	5.3	13.3	15.6
Yemen Arab Rep	244	900	1,117	1,312	1,014	13	278	5	21	55	1.3	1.3	3.8
Yugoslavia [7]	2,325	4,584	5,223	5,626	2,394	1,491	1,730	452	614	899	5.8	3.5	4.6
Zambia	1,156	2,209	2,274	2,381	1,213	312	519	97	295	184	11.0	20.1	17.4

NA Not available. [1] Includes other types of creditors, not shown separately. [2] Includes other private financial institutions. [3] Debt service payments as percent of exports. [4] The increase in debt outstanding from 1981 to 1982 includes the refinancing of short-term private debt by public debt, which matures in 1986-87. [5] Fiscal year basis. [6] Data reflect the declining U.S. dollar value of French franc denominated debt in 1980-82. [7] The bulk of the debt of Yugoslavian enterprises is reported as nonguaranteed.

Source: The World Bank, Washington, DC, *World Debt Tables*, periodic.

No. 1511. Net Flow of Financial Resources to Developing Countries, by Origin and Type of Resource: 1970 to 1983

[**In billions of U.S. dollars.** Net flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are excluded. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1475) by the inclusion of Greece, Malta, Portugal, Spain (through 1981), and Yugoslavia and the exclusion of South Africa. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector]

ORIGIN AND TYPE OF RESOURCE	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Development Assistance Committee countries [1]	15.9	44.8	46.5	51.8	71.2	75.8	75.6	89.6	83.9	69.6
Official development assistance	6.9	13.8	13.9	15.7	20.0	22.8	27.3	25.5	27.7	27.5
Bilateral grants [2]	3.3	6.3	6.5	7.2	9.4	11.7	14.1	13.2	13.4	14.1
Bilateral loans	2.4	3.5	3.0	2.9	3.7	4.6	4.0	5.0	5.0	4.4
Multilateral contributions [3]	1.3	4.0	4.4	5.6	6.9	6.5	9.2	7.3	9.3	8.9
Other official flows	1.1	3.9	4.1	3.3	5.4	2.9	5.3	6.6	7.4	5.0
Private flows at market terms	7.0	25.7	27.0	31.2	44.1	48.1	40.7	55.5	46.4	34.8
Direct investment	3.7	10.3	7.5	9.5	10.9	12.4	10.5	15.7	10.3	6.3
Private export credits	2.2	3.5	6.2	8.3	9.9	9.4	11.5	10.5	7.3	5.3
Portfolio investment	1.2	11.9	13.3	13.4	23.3	26.3	18.7	29.2	28.8	23.2
Private voluntary agencies	.9	1.3	1.4	1.5	1.7	2.0	2.4	2.0	2.3	2.3
Organization of Petroleum Exporting Countries [4]	.6	7.8	7.8	7.3	9.3	9.0	11.8	11.5	8.9	(NA)
Official development assistance	.4	6.2	6.1	6.1	8.1	7.8	9.7	8.5	5.9	5.4
Other official flows	.2	1.6	1.7	1.2	1.2	1.2	2.1	3.0	3.0	(NA)
Centrally-planned economies [5]	1.1	.8	1.2	1.2	1.3	(NA)	(NA)	(NA)	(NA)	(NA)
Official development assistance	1.0	.7	1.1	1.1	1.2	1.8	2.7	3.0	2.9	2.9
Other official flows	.1	.1	.1	.1	.1	(NA)	(NA)	(NA)	(NA)	(NA)
Total net flow to developing countries, by DAC country [1]	15.9	44.8	46.5	51.8	71.2	75.8	75.6	89.6	83.9	69.6
United States	6.4	17.7	12.4	12.4	16.2	18.8	13.9	26.4	30.2	22.9
Official development assistance	3.2	4.2	4.4	4.7	5.7	4.7	7.1	5.8	8.2	8.0
Bilateral grants [2]	1.4	1.7	1.7	1.7	2.1	2.5	3.0	3.2	3.8	4.5
Bilateral loans	1.3	1.2	1.2	1.2	1.4	1.6	1.4	1.2	1.1	1.0
Multilateral contributions [3]	.5	1.2	1.5	1.8	2.2	.6	2.8	1.5	3.3	2.5
Other official flows	.1	.9	.8	.8	1.3	1.1	1.1	.9	1.6	(Z)
Private flows at market terms	2.5	11.8	6.4	6.2	8.3	12.0	4.3	18.7	19.1	13.6
Direct investment	1.9	7.2	3.1	4.9	5.6	8.0	3.4	6.5	5.5	2.3
Private export credits and portfolio investment	.6	4.6	3.3	1.3	2.7	4.0	.9	12.2	13.6	11.3
Private voluntary agencies	.6	.8	.8	.8	.9	1.0	1.3	1.0	1.3	1.3
Australia	.4	.6	.5	.6	.7	.9	.9	.8	1.2	1.0
Austria	.1	.2	.4	.5	.5	.3	.3	.3	.1	.2
Belgium	.3	.9	1.2	1.3	2.8	2.3	2.9	2.8	.7	1.0
Canada	.6	2.0	2.3	2.3	2.4	2.3	3.5	4.1	1.7	2.4
Denmark	.1	.3	.5	.5	.7	.8	.8	.9	.8	1.1
Finland	(Z)	.1	.1	.1	.1	.2	.2	.2	.2	.1
France	1.8	3.9	5.3	5.2	7.9	8.8	11.6	11.5	13.6	9.3
Germany, Fed. Rep. of	1.5	5.0	5.5	6.1	7.6	7.3	10.6	8.1	7.0	7.0
Italy	.7	1.6	1.5	2.0	3.2	4.1	4.0	3.7	5.0	2.2
Japan	1.8	2.9	4.0	5.5	10.7	7.6	6.8	12.2	8.8	8.7
Netherlands	.4	1.3	1.7	2.1	2.7	2.0	2.4	2.2	2.5	2.2
New Zealand	(Z)	.1	.1	.1	.1	.1	.1	.1	.1	.1
Norway	.1	.3	.5	.5	.6	.8	.9	.7	.8	.7
Sweden	.2	.8	1.1	1.6	1.3	1.2	1.9	1.4	1.8	1.3
Switzerland	.1	.7	1.4	3.9	3.7	5.0	2.7	2.3	3.2	3.6
United Kingdom	1.3	6.6	8.1	7.1	9.9	13.5	12.2	11.9	6.3	5.7

NA Not available. Z Less than $50 million. [1] Includes flows to OPEC countries (see footnote 4). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, and United States. [2] Includes "grant-like" flows (i.e., loans repayable in recipients' currencies). [3] Includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of issue. [4] Algeria, Ecuador, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. [5] Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and Soviet Union.

No. 1512. Per Capita Public and Private Aid to Developing Countries: 1980 to 1983

[**In dollars.** See headnote, table 1511. Private aid figures exclude government subsidies to voluntary agencies. Countries are ranked by per capita gross national product in 1982]

COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID			COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID		
	1980	1982	1983	1980	1982	1983		1980	1982	1983	1980	1982	1983
Switzerland	40	39	49	10	8	8	Finland	23	30	32	3	3	3
Norway	119	136	141	8	9	10	Netherlands	115	103	83	6	8	7
United States	**31**	**35**	**34**	**6**	**6**	**6**	Japan	29	25	32	(Z)	(Z)	2
Sweden	116	118	91	7	7	7	Austria	24	31	21	3	2	2
Canada	45	49	57	4	5	5	Belgium	60	51	48	5	3	3
Germany, F.R	58	51	52	7	6	6	United Kingdom	33	32	29	2	2	1
Denmark	92	81	77	3	2	2	New Zealand	23	21	19	2	1	2
Australia	45	58	49	3	2	2	Italy	12	14	14	(Z)	(Z)	1
France	77	74	72	1	1	1							

Z Less than 50 cents.

Source of tables 1511 and 1512: Organization for Economic Cooperation and Development, Paris, France, unpublished data.

No. 1513. Military Expenditures in Current and Constant (1981) Dollars: 1975 to 1982

[**In millions of dollars, except as indicated.** See also table 549. Data for expenditures and for GNP were based on local currencies which were deflated to constant 1981 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1981 average par/market exchange rates as supplied by IBRD (International Bank for Reconstruction and Development)]

Country	Current dollars					Constant (1981) dollars			Per capita (dollars)		Percent of GNP [1]	
	1975	1979	1980	1981	1982	1975	1980	1982	1975	1982	1975	1982
United States	90,948	122,279	143,981	169,888	196,345	141,213	157,413	185,205	659	798	5.8	6.4
Algeria [2]	467	1,063	1,061	1,784	(NA)	725	1,160	(NA)	45	[3] 92	2.6	[3] 4.4
Argentina	1,658	2,758	2,739	3,186	(NA)	2,575	2,995	(NA)	101	[3] 111	2.2	[3] 2.6
Australia	2,017	2,970	3,428	3,988	4,415	3,133	3,748	4,165	227	275	2.2	2.5
Austria	396	635	688	749	[2] 808	615	752	[2] 762	82	100	1.1	1.2
Belgium	1,682	2,643	3,000	3,385	3,507	2,612	3,280	3,308	266	334	3.0	3.4
Brazil	1,446	1,629	1,796	1,837	(NA)	2,245	1,964	(NA)	20	[3] 14	1.1	[3] .7
Bulgaria [2]	2,021	2,556	2,820	3,148	3,761	3,138	3,083	3,547	360	398	9.9	10.0
Canada	2,829	4,120	4,619	5,245	6,139	4,392	5,050	5,790	193	235	1.9	2.2
Chile	649	861	996	1,175	1,391	1,007	1,088	1,312	98	116	4.8	4.8
China:												
Mainland [2]	31,500	45,000	44,000	48,500	49,500	48,909	48,105	46,691	51	44	11.6	7.1
Taiwan	1,255	(NA)	(NA)	[2] 3,066	[2] 3,660	1,949	(NA)	[2] 3,452	121	186	7.3	7.2
Cuba	393	1,160	1,140	1,199	1,109	610	1,246	1,046	65	106	3.7	5.0
Czechoslovakia [2]	4,227	5,407	6,129	6,852	7,634	6,563	6,700	7,200	443	467	5.2	5.2
Denmark	806	1,131	1,297	1,446	1,575	1,252	1,419	1,485	245	291	2.5	2.6
Egypt [2]	2,864	2,044	2,279	(NA)	2,395	4,447	2,492	2,259	120	50	30.9	8.2
El Salvador	27	53	83	116	142	42	90	134	10	29	1.2	4.1
Finland	390	555	719	736	897	606	787	846	129	176	1.5	1.8
France	11,956	18,625	21,046	23,865	25,612	18,564	23,010	24,159	352	444	3.8	4.2
German Dem. Rep [2]	5,191	7,217	7,995	9,107	10,236	8,060	8,740	9,655	476	578	5.6	5.8
Germany, Fed. Rep	13,476	18,395	20,427	23,094	24,351	20,924	22,333	22,970	338	372	3.6	3.4
Greece	1,324	1,934	1,923	2,578	2,782	2,056	2,102	2,624	228	267	6.6	6.9
Hungary [2]	1,820	2,197	2,613	2,884	3,108	2,825	2,656	2,931	269	274	4.9	4.5
India	2,832	3,843	4,303	5,151	6,223	4,398	4,704	5,870	7	8	3.3	3.5
Indonesia	1,385	2,026	2,320	2,867	[2] 2,876	2,151	2,537	[2] 2,713	15	17	4.1	3.2
Iran	9,607	[2] 5,907	[2] 6,519	[2] 7,145	(NA)	14,917	[2] 7,127	(NA)	448	[3] 178	14.7	[3] 10.6
Iraq [2]	2,398	5,147	6,658	11,864	11,689	3,723	9,466	11,026	332	787	16.9	46.4
Israel	3,780	5,232	5,424	[2] 4,374	[2] 5,638	5,869	5,930	[2] 5,507	1,726	1,412	31.9	25.5
Italy	4,630	6,782	7,761	8,680	9,778	7,189	8,486	9,223	128	163	2.5	2.6
Japan	4,958	8,439	9,510	10,877	12,159	7,698	10,397	11,469	69	96	.9	1.0
Korea, Dem. Peo. Rep	1,080	1,320	[2] 3,000	(NA)	[2] 3,500	1,676	[2] 3,279	[2] 3,301	105	176	10.7	21.6
Korea, Rep. of	1,266	2,878	3,513	4,157	[2] 4,783	1,967	3,841	[2] 4,511	53	110	4.6	6.9
Kuwait	724	1,168	1,301	[2] 1,254	[2] 1,638	1,124	1,422	[2] 1,545	1,124	965	5.4	6.0
Malaysia	466	678	922	1,446	1,613	724	1,009	1,522	56	103	4.9	6.2
Mexico	788	817	827	1,196	[2] 1,261	1,223	904	[2] 1,190	20	16	.8	.6
Morocco	341	685	1,007	1,060	1,492	529	1,101	1,408	29	63	4.4	6.8
Netherlands	2,593	3,782	4,056	4,527	4,755	4,026	4,434	4,486	293	313	3.2	3.3
Nicaragua	31	55	[2] 119	[2] 169	(NA)	49	[2] 130	(NA)	22	[3] 65	1.8	[3] 6.9
Nigeria	2,383	1,897	2,031	2,148	1,792	3,701	2,220	1,691	56	20	5.4	2.3
Norway	932	1,413	1,508	1,649	1,823	1,447	1,648	1,719	361	419	3.3	3.1
Oman	698	779	1,179	1,512	1,685	1,084	1,289	1,589	1,355	1,766	40.9	28.5
Pakistan	816	1,092	[2] 1,292	[2] 1,761	[2] 2,033	1,268	[2] 1,412	[2] 1,918	16	20	6.1	6.1
Peru	506	539	[2] 994	[2] 1,026	[2] 1,078	786	[2] 1,087	[2] 1,017	50	54	4.1	4.7
Philippines	546	673	653	[2] 848	[2] 1,033	849	714	[2] 974	19	18	3.1	2.5
Poland [2]	6,417	8,704	9,615	10,266	13,494	9,963	10,512	12,728	293	351	5.3	7.2
Portugal	618	641	763	843	900	960	834	849	102	84	5.2	3.7
Qatar	84	474	604	(NA)	(NA)	131	660	(NA)	659	[4] 3,303	3.5	[4] 9.1
Romania [2]	2,851	3,644	3,776	4,057	4,793	4,426	4,128	4,521	208	200	5.6	4.6
Saudi Arabia	6,556	13,914	16,640	20,679	24,754	10,183	18,411	23,349	1,395	2,311	17.4	15.4
Singapore	256	452	584	708	[2] 869	398	639	[2] 820	173	328	4.9	5.9
South Africa	1,617	2,494	2,288	[2] 2,673	[2] 3,161	2,510	2,501	[2] 2,982	98	98	3.8	3.6
Soviet Union	132,900	190,900	213,200	236,700	257,000	206,351	233,090	242,419	810	897	14.9	15.0
Spain	2,890	2,734	3,203	3,655	4,123	4,487	3,502	3,889	126	102	2.7	2.1
Sweden	2,226	2,955	3,194	3,537	3,878	3,457	3,492	3,658	421	440	3.3	3.3
Switzerland	1,101	1,602	1,758	1,912	[2] 2,017	1,710	1,922	[2] 1,903	267	297	1.9	2.0
Syria	1,100	1,722	2,189	2,437	[2] 2,528	1,708	2,393	[2] 2,385	230	253	15.7	14.4
Thailand	398	1,119	1,228	1,335	1,562	619	1,343	1,473	14	29	2.6	4.0
Turkey	1,807	2,035	2,166	2,814	3,375	2,807	2,368	3,183	69	66	5.6	5.2
United Arab Emirates	33	1,196	1,724	2,043	[2] 2,179	52	1,885	[2] 2,055	87	1,713	.4	8.0
United Kingdom	14,857	20,282	23,692	24,385	27,366	23,066	25,902	25,815	411	481	4.9	5.1
Venezuela	723	750	780	[2] 1,059	[2] 1,638	1,123	853	[2] 1,545	88	88	2.0	2.3
Yugoslavia	1,685	2,413	2,798	2,891	(NA)	2,616	3,059	(NA)	122	(NA)	5.1	(NA)

NA Not available. [1] Military expenditure as percent of gross national product. For additional information on comparisons between communist and noncommunist countries, see footnote 4, table 549. [2] Estimated. [3] 1981 data. [4] 1980 data.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

NO. 1514. ARMED FORCES PERSONNEL—NUMBER AND RATE, BY COUNTRY: 1975 TO 1982

[**Personnel data as of July.** Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included]

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1975	1978	1979	1980	1981	1982	1975	1978	1979	1980	1981	1982
United States	2,128	2,062	2,027	2,050	2,082	2,108	9.9	9.4	9.2	9.0	9.1	9.1
Algeria	80	76	88	101	101	120	5.0	4.3	4.9	5.4	5.2	6.0
Argentina	160	155	155	155	155	175	6.3	5.8	5.7	5.6	5.4	6.0
Australia	70	70	70	71	71	73	5.1	4.9	4.9	4.9	4.8	4.8
Austria	50	40	40	40	40	40	6.7	5.3	5.3	5.3	5.3	5.3
Belgium	87	90	85	86	86	85	8.9	9.2	8.7	8.7	8.7	8.6
Brazil	455	450	450	450	450	460	4.2	3.9	3.8	3.7	3.6	3.6
Bulgaria	175	164	163	162	165	175	20.1	18.6	18.5	18.2	18.5	19.7
Canada	77	79	78	80	82	82	3.4	3.4	3.3	3.3	3.4	3.3
Chile	110	111	111	116	116	116	10.8	10.4	10.3	10.5	10.4	10.3
China:												
Mainland	4,300	4,500	4,500	4,450	4,450	4,490	4.6	4.6	4.5	4.4	4.3	4.3
Taiwan	504	471	468	504	504	504	31.3	27.5	26.7	28.3	27.8	27.2
Cuba	120	210	210	220	225	230	12.9	21.6	21.4	22.9	23.2	23.5
Czechoslovakia	210	212	211	212	212	213	14.2	14.0	13.9	13.9	13.9	13.8
Denmark	35	34	35	33	32	31	6.9	6.8	6.9	6.5	6.3	6.1
Egypt	400	447	447	447	447	447	10.8	11.2	10.9	10.6	10.3	10.0
El Salvador	8	10	11	12	13	25	2.0	2.3	2.3	2.5	2.6	5.4
Finland	40	39	36	36	36	36	8.5	8.3	7.5	7.5	7.5	7.5
France	575	502	505	486	485	485	10.9	9.4	9.4	9.1	9.0	8.9
German Dem. Rep	220	228	227	231	232	233	13.0	13.6	13.6	13.8	13.9	14.0
Germany, Fed. Rep	495	489	485	480	480	480	8.0	8.0	7.9	7.8	7.8	7.8
Greece	191	184	180	185	185	186	21.2	19.6	19.1	19.3	19.1	19.0
Honduras	12	13	14	14	15	16	3.8	3.9	3.9	3.7	3.8	3.9
Hungary	118	110	110	119	121	112	11.2	10.3	10.3	11.1	11.3	10.5
India	1,670	1,300	1,286	1,104	1,104	1,120	2.7	2.0	1.9	1.6	1.6	1.6
Indonesia	260	250	250	250	260	270	1.9	1.7	1.7	1.7	1.7	1.7
Iran	385	350	415	305	440	470	11.6	9.6	11.1	7.9	11.0	11.4
Iraq	155	140	212	350	400	450	13.8	11.2	16.4	26.7	29.4	32.1
Israel	190	165	165	180	180	180	55.9	45.8	44.6	47.4	47.4	46.2
Italy	500	365	306	363	363	391	9.0	6.4	5.4	6.4	6.5	6.9
Japan	237	239	239	242	241	241	2.1	2.1	2.1	2.1	2.0	2.0
Korea, Dem. People's Rep. of	470	632	692	700	710	710	29.6	37.0	39.5	39.1	38.8	38.0
Korea, Rep. of	630	600	638	600	600	600	17.2	15.6	16.3	15.1	15.0	14.7
Kuwait	25	10	11	12	12	13	25.0	8.3	8.5	8.6	9.0	8.1
Malaysia	76	82	82	83	100	100	6.1	6.2	6.0	5.9	7.0	6.8
Mexico	95	145	145	145	145	145	1.6	2.3	2.2	2.1	2.0	2.0
Morocco	75	85	98	117	120	125	4.1	4.3	4.8	5.6	5.6	5.6
Netherlands	112	100	107	108	108	108	8.2	7.2	7.6	7.7	7.6	7.6
Nicaragua	5	(NA)	(NA)	15	40	75	2.3	(NA)	(NA)	6.0	15.4	27.8
Nigeria	270	204	164	150	140	132	4.1	2.8	2.2	1.9	1.8	1.6
Norway	35	39	39	37	37	37	8.8	9.5	9.5	9.0	9.0	9.0
Oman	12	12	19	15	15	15	15.0	15.0	21.1	16.7	16.7	16.7
Pakistan	502	518	544	467	467	478	6.7	6.3	6.5	5.4	5.2	5.2
Peru	95	125	125	151	157	164	6.1	7.5	7.3	8.6	8.7	8.8
Phillippines	120	156	156	155	155	155	2.8	3.4	3.3	3.2	3.1	3.0
Poland	435	430	425	421	425	429	12.8	12.3	12.0	11.8	11.8	11.9
Portugal	217	68	68	68	68	68	23.1	6.9	6.9	6.9	6.9	6.8
Qatar	5	5	5	6	6	6	25.0	25.0	25.0	30.0	30.0	20.0
Romania	220	218	219	215	214	237	10.4	10.0	10.0	9.7	9.6	10.5
Saudi Arabia	95	50	50	54	54	55	13.0	5.7	5.4	5.8	5.5	5.4
Singapore	27	64	57	50	50	50	11.7	27.8	23.8	20.8	20.8	20.0
South Africa	50	78	70	70	70	70	2.0	2.9	2.5	2.8	2.4	2.3
Soviet Union	4,100	4,200	4,300	4,300	4,300	4,400	16.1	16.1	16.3	16.2	16.1	16.3
Spain	375	321	349	341	341	353	10.6	8.7	9.4	9.1	9.0	9.3
Sweden	75	68	68	70	70	70	9.1	8.3	8.2	8.4	8.4	8.4
Switzerland	25	18	23	23	23	23	3.9	2.9	3.7	3.6	3.6	3.6
Syria	230	225	250	250	270	290	31.1	27.4	29.4	28.4	29.7	30.9
Thailand	227	250	250	234	238	241	5.4	5.5	5.4	4.9	4.9	4.8
Turkey	453	582	577	517	583	636	11.2	13.4	12.9	11.2	12.4	13.3
United Arab Emirates	21	25	25	44	44	44	35.0	31.3	27.8	44.0	40.0	36.7
United Kingdom	345	318	328	326	333	322	6.2	5.7	5.9	5.8	5.9	5.8
Venezuela	55	55	55	55	55	56	4.3	3.9	3.8	3.2	3.3	3.2
Vietnam	643	660	650	900	1,000	1,200	26.5	12.9	12.4	16.8	18.3	21.5
Yugoslavia	270	260	258	258	259	247	12.6	11.8	11.6	11.5	11.5	10.9

NA Not available.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers,* annual.

No. 1515. Military Ships of Selected Countries, by Type: 1975 to 1983

[Includes vessels in reserve, ships under construction, and vessels belonging to Coast Guard services where applicable. Figures for oilers, supply ships, miscellaneous craft, and total craft are based on different criteria from country to country and from year to year]

Country and year	Total	Aircraft carriers	Submarines	Cruisers	Destroyers and frigates	Corvettes, fast attack, and patrol craft	Mine warfare forces	Amphibious forces	Oilers and supply ships	Miscellaneous
U.S.: 1975	1,039	25	150	39	185	29	37	201	264	109
1980	1,947	23	155	30	204	6	25	231	90	1,183
1982	2,015	23	158	38	201	3	25	195	66	1,306
1983	**2,142**	**21**	**159**	**43**	**202**	**4**	**27**	**158**	**89**	**1,439**
China: Mainland: 1975	1,983	–	64	–	20	865	28	515	41	450
1980	2,207	–	92	–	29	997	97	538	54	400
1982	2,336	–	114	–	36	1,048	103	551	54	430
1983	**2,489**	**–**	**125**	**–**	**44**	**1,076**	**104**	**574**	**56**	**510**
France: 1975	458	3	29	2	62	59	60	32	38	173
1980	404	2	29	2	57	23	50	71	12	158
1982	431	4	32	2	53	22	45	91	11	171
1983	**422**	**4**	**30**	**2**	**53**	**18**	**30**	**59**	**9**	**217**
Soviet Union: 1975	2,390	2	403	37	217	566	412	153	259	341
1980	3,025	5	490	50	240	639	389	378	58	776
1982	2,752	5	482	50	287	500	396	321	62	649
1983	**2,633**	**5**	**444**	**44**	**301**	**501**	**432**	**123**	**66**	**717**
United Kingdom: 1975	615	3	36	14	73	15	48	63	54	309
1980	527	5	35	8	74	19	51	66	31	218
1982	501	4	36	4	72	27	58	82	23	195
1983	**487**	**4**	**36**	**–**	**65**	**27**	**49**	**68**	**25**	**213**
1983:										
Argentina	147	1	6	–	18	71	6	13	6	26
Australia	155	–	6	–	13	24	3	7	2	100
Belgium	65	–	–	–	4	3	38	–	–	20
Brazil	181	1	7	–	10	22	6	37	5	93
Bulgaria	114	–	2	–	2	25	30	25	4	26
Canada	86	–	3	–	19	13	–	–	–	51
Chile	61	–	4	–	2	16	–	15	–	24
China: Taiwan	621	–	4	–	36	68	–	458	–	55
Colombia	70	–	4	–	5	24	–	–	1	36
Cuba	163	–	4	–	3	97	12	9	–	38
Denmark	137	–	7	–	10	83	13	–	2	22
Ecuador	53	–	2	–	1	16	–	2	1	31
Egypt	226	–	14	–	5	85	12	27	–	83
Finland	135	–	–	–	–	27	15	14	–	79
German Dem. Republic [1]	231	–	–	–	2	89	47	16	14	63
Germany, Fed. Rep. of	291	–	24	–	16	54	59	28	20	90
Greece	292	–	10	–	20	35	17	91	6	113
India	171	1	15	1	30	27	20	11	7	59
Indonesia	190	–	3	–	10	34	6	77	5	55
Israel	107	–	3	–	–	75	–	12	–	17
Italy	220	2	12	2	16	16	34	9	9	120
Japan	767	–	17	–	18	19	36	45	26	606
Korea, Dem. People's Rep. of	672	–	20	–	2	422	–	113	–	115
Korea, Rep. of [1]	122	–	–	–	21	50	9	31	8	3
Libya	107	–	6	–	1	55	6	26	–	11
Malaysia	108	–	–	–	2	40	2	2	–	62
Mexico	117	–	–	–	6	90	–	2	2	17
Netherlands	116	–	8	–	24	9	29	10	2	34
Nigeria	182	–	–	–	2	24	–	4	–	152
Norway	124	–	16	–	5	52	13	7	–	31
Pakistan	51	–	9	1	–	25	3	2	1	10
Peru	89	–	12	2	4	17	–	4	7	43
Philippines	230	–	–	–	7	84	–	102	2	35
Poland	246	–	4	–	–	91	49	41	7	54
Portugal	80	–	3	–	17	30	4	14	2	10
Romania	176	–	–	–	2	112	45	8	2	7
Saudi Arabia	587	–	–	–	4	52	4	16	1	510
South Africa	75	–	3	–	1	45	10	–	–	16
Spain	445	2	10	–	29	98	12	150	13	131
Sweden	500	–	16	–	–	77	77	148	4	178
Syria	43	–	–	–	2	34	6	–	–	1
Thailand	205	–	–	–	6	105	9	63	3	19
Turkey	298	–	18	–	9	54	41	69	10	97
Venezuela	58	–	3	–	8	11	–	21	–	15
Yugoslavia	190	–	7	–	2	67	37	34	6	37

– Represents zero. [1] 1982 data.

Source: Jane's Publishing, Inc., New York, NY, *Jane's Fighting Ships*, annual. (Copyright by Jane's Publishing Company Ltd., London, England.)

APPENDIX I

Historical Series—Index to Tables in Which *Historical Statistics* Series Appear

[The most recent historical supplement to the *Statistical Abstract* is the bicentennial edition, *Historical Statistics of the United States, Colonial Times to 1970* (see inside back cover). Listed below are statistical time series (identified by number) appearing in this edition, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where related or comparable data are available for one or more years later than 1970. In a few instances, it may be necessary to combine figures shown in the *Abstract* to obtain totals comparable to the series shown in *Historical Statistics*]

Historical Statistics series	1985 *Abstract* table number
A	
A 6–8	2
A 9–22	5
A 23–25	27
A 29–41	27
A 43–72	23
A 73–90	24
A 119–134	30
A 143–149	29
A 158–159	120
A 160–171	44
A 172	12
A 195–198	12
A 199–201	34
A 204–209	31
A 210–263	326
A 264–275	19
A 276–287	20
A 288–319	54
A 320–334	55
A 335–349	56
A 353–358	63
A 359–371	72
B	
B 1–5	80
B 5–10	82
B 11	81
B 12–20	82
B 20–27	83
B 28–35	94
B 49–66	91
B 107–115	102
B 116–125	103
B 136–147	108
B 142	80
B 149–166	110
B 163–165	116
B 167–173	105
B 181–192	105
B 214–220	120
B 221–235	144
B 222–232	145
B 248–261	143
B 262–272	151
B 275–290	157
B 291–303	161
B 305–318	166
B 331–344	166
B 359–362	167
B 384–387	170
B 401–412	154
B 413–422	166
C	
C 1–10	41
C 25–75	13
C 76	1105
C 89	123
C—Con.	
C 143–157	124
C 144	134
C 149–157	137
C 158–160	134
C 162–167	140
C 168	139
C 169–179	141
C 180	139
C 296–331	400
D	
D 11–19	654
D 29–41	656
D 42–48	655
D 49–62	670
D 85–86	654
D 87–101	680
D 116–126	661
D 127–141	688
D 142–151	690
D 233–682	676
D 689–704	692
D 739–764	693
D 802–810	690
D 877–892	690
D 893–904	693
D 918–919	164
D 921–926	574
E	
E 1–22	779
E 23–29	783
E 73–86	781
E 123–134	785
E 135–173	789
E 203–211	803
F	
F 1	715
F 5	715
F 6–9	717
F 10–16	721
F 17–30	719
F 31	720
F 32–70	714
F 130–143	718
F 144–162	717
F 163–185	725
F 192–209	726
F 226–237	727
F 262–286	729
F 297–348	730
F 480–527	892
F 528–534	1309
F 552–565	732
F—Con.	
F 566–594	733
G	
G 1–8	742
G 16–23	742
G 31–138	745
G 179–188	747
G 190–192	742
G 197–199	742
G 205–256	750
G 257–268	754
G 416–469	724
G 851–856	195
G 881–915	196
H	
H 1–47	589
H 51–56	597
H 57–69	598
H 115–124	621
H 125–171	596
H 172–185	602
H 197–229	606
H 238–242	605
H 245–259	608
H 262–270	619
H 271–286	610
H 305–317	634
H 332–345	632
H 346–354	637
H 355–367	638
H 392–397	636
H 398–411	650
H 421–429	202
H 442–476	211
H 513–519	204
H 531–534	231
H 535–544	236
H 598–601	244
H 602–617	214
H 690–692	253
H 699–705	247
H 705	253
H 710	247
H 729–738	256
H 747–749	256
H 751–763	265
H 767–771	1009
H 774	1009
H 776–780	1009
H 793–799	75
H 806–828	371
H 829–835	374
H 862–864	383
H 865–870	382
H 871	383
H 872	382
H 874	383
H—Con.	
H 875–876	387
H 877	383
H 878–893	377
H 899–920	397
H 921–940	399
H 946–951	398
H 952–961	275
H 971–978	283
H 979–986	119
H 987–998	289
H 999–1011	292
H 1012–1027	298
H 1028–1062	300
H 1063–1078	302
H 1079–1096	303
H 1097–1111	305
H 1112–1118	304
H 1119–1124	311
H 1135–1140	316
H 1155–1167	321
J	
J 1–2	327
J 3–6	329
J 10–15	535
J 16–19	332
J 26–32	535
J 33–34	1196
J 41–42	536
J 50–66	328
J 71	328
J 76	328
J 85–91	1123
J 92–103	339
J 110–136	359
J 164–267	359
J 268–278	358
K	
K 1–2	1105
K 4–7	1109
K 16	1127
K 17–81	1110
K 82–113	1114
K 142–146	1113
K 162–173	1112
K 174–176	1105
K 184–191	1152
K 192	1133
K 193	1154
K 195–203	1147
K 204–219	1128
K 220–239	1129
K 251–255	1159
K 256–258	1134
K 259–260	1133
K 261–263	1134
K 264–285	1133

Historical Series—Index to Tables in Which *Historical Statistics* Series Appear—Continued

[See headnote, p. 869]

Historical Statistics series	1985 *Abstract* table number
K—Con.	
K 286-302	1136
K 326-329	1135
K 330-343	1143
K 344-353	1139
K 358-360	1150
K 361-367	1130
K 376-380	1130
K 407-413	1157
K 414-429	1158
K 430-444	1157
K 445-485	1156
K 486-495	1151
K 496-499	1165
K 502-505	1170
K 506-563	1166
K 559-560	1169
K 561-563	1179
K 564-569	1167
K 575-582	1189
K 583-594	1188
K 595-608	1191
K 609-623	1193
K 611	1194
K 614	1194
K 617	1194
K 621	1194
L	
L 10-14	1195
L 15-31	1196
L 44-55	1200
L 72-86	1202
L 87-97	1203
L 98-112	1206
L 113-121	1207
L 122-137	1206
L 138-150	1214
L 151-165	1215
L 166	1209
L 168	1209
L 169-170	1213
L 172	1212
L 174	1212
L 175	1211
L 178-191	1212
L 192-198	1210
L 199-205	1205
L 206-210	1204
L 212-223	1201
L 224-226	1216
L 227-228	1232
L 229	1216
L 230-235	1232
L 236-253	1218
L 254-261	1217
L 262-293	1228
L 294-304	1224
L 305-310	1220
L 312-318	1233
L 321-337	1223
L 338-358	1230

Historical Statistics series	1985 *Abstract* table number
L—Con.	
L 362-365	1231
M	
M 1-12	1237
M 13-37	1238
M 68-71	1236
M 76-92	950
M 93-126	1265
M 127	965
M 128	965
M 138-142	1252
M 143-146	1264
M 147-161	1263
M 162-177	1253
M 178	1252
M 181	1252
M 188-194	1267
M 195-199	1269
M 201-202	1268
M 203-204	1267
M 205-211	1271
M 225-226	1278
M 227-228	1274
M 231-234	1276
M 235-241	1273
M 242-248	1270
M 249-250	1280
M 256-257	1281
M 258-262	1282
M 266-267	1279
M 268-269	1272
M 271-286	1247
N	
N 1-29	1293
N 66-69	1293
N 78-100	1296
N 118-137	1291
N 140-155	1290
N 156-163	1301
N 170	1301
N 186-191	1323
N 200-223	1309
N 238-245	1315
N 249-258	1325
N 266-267	838
N 273	839
N 276	839
N 291-297	1334
N 300	836
N 302-307	1330
P	
P 1-12	1337
P 13	1339
P 18-39	1339
P 56-67	1342
P 74-92	1345

Historical Statistics series	1985 *Abstract* table number
P—Con.	
P 93-106	909
P 107-122	1350
P 177-180	1361
P 205-211	1347
P 229-230	1367
P 233-234	1185
P 235	1364
P 236a	1364
P 239-241	1386
P 242-243	1371
P 248-249	1374
P 251	1374
P 260-261	1372
P 265-269	1379
Q	
Q 1-22	1022
Q 36-42	1020
Q 50-51	1025
Q 55	1025
Q 69-75	1059
Q 90-94	1030
Q 136-147	1033
Q 148-155	1036
Q 156-162	1047
Q 163-174	865
Q 199-207	1046
Q 208	1041
Q 224-232	1041
Q 233-234	1032
Q 238-250	1056
Q 284-312	1061
Q 319	1063
Q 330	1061
Q 332	1065
Q 356-363	1061
Q 364-366	1062
Q 367-377	1061
Q 378	1062
Q 385-387	1067
Q 400-401	1067
Q 414-416	1100
Q 438-448	1096
Q 449-458	1098
Q 473-480	1102
Q 487-502	1097
Q 507-517	1094
Q 524-529	1091
Q 530-541	1085
Q 577-590	1071
Q 591-603	1070
Q 604-623	1074
Q 624-633	1071
R	
R 17-30	926
R 31-45	922
R 46-70	925
R 75-88	925
R 140-148	929

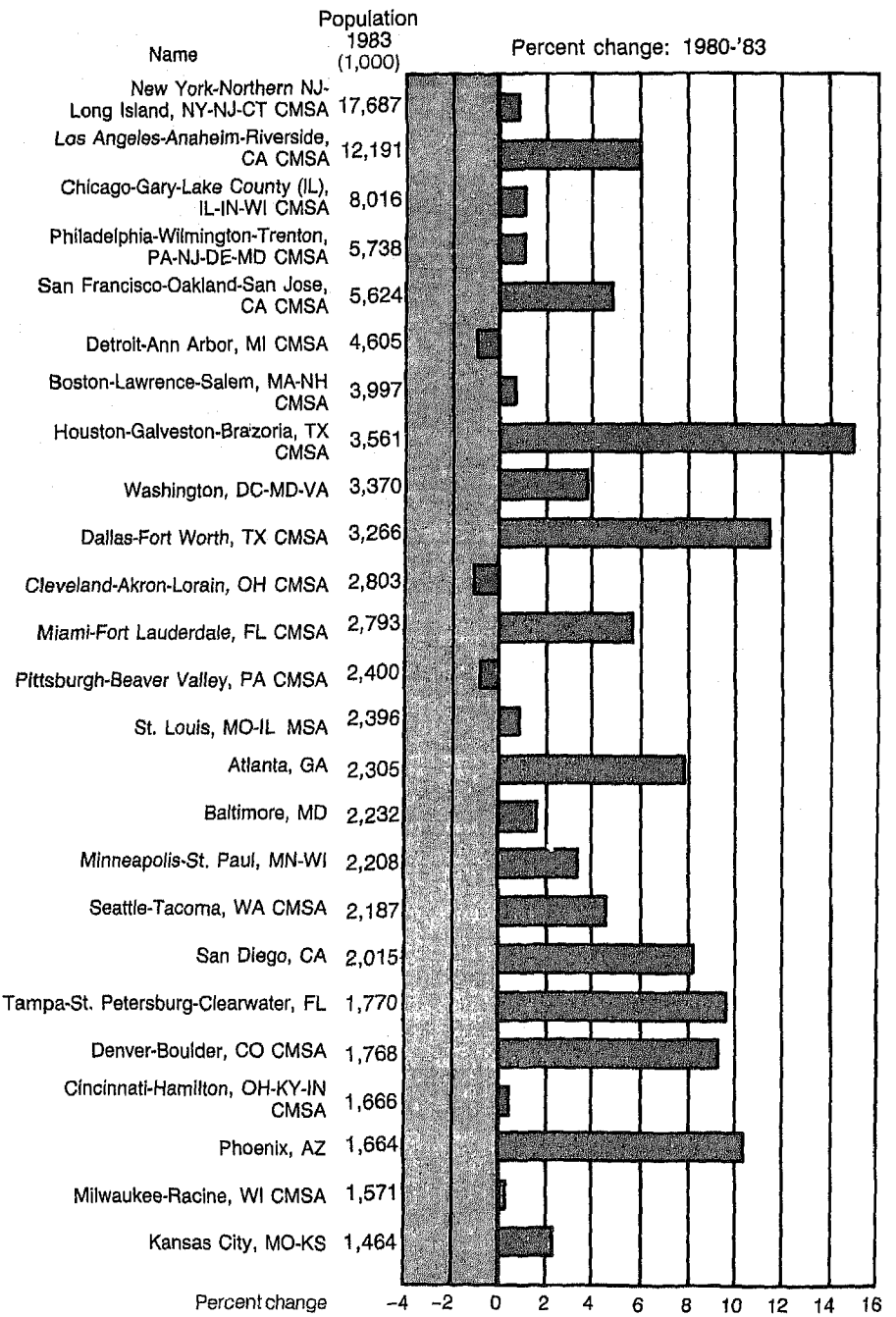
Historical Statistics series	1985 *Abstract* table number
R—Con.	
R 163-171	916
R 172-186	921
R 187	920
R 188-191	922
R 191-216	379
R224-231	938
R 232-243	937
S	
S 1-14	949
S 32-52	972
S 76-82	972
S 86-107	972
S 133-146	978
S 160-175	986
S 190-204	983
S 205-216	982
T	
T 1-14	1395
T 15-28	1396
T 43-47	1397
T 79-196	1406
T 197-219	1400
T 245-271	1399
T 274-287	1415
T 280-371	1414
T 375-383	1413
T 391-401	1417
T 444-471	944
T 472-484	943
U	
U 1-25	1425
U 26-39	1428
U 41-46	1434
U 47-74	1430
U 75-186	1436
U 190-195	1441
U 207-212	1450
U 225-248	1442
U 264-273	1443
U 274-294	1448
U 295-316	1449
U 317-352	1446
V	
V 1-12	668
V 20-30	877
V 21-24	876
V 42-53	871
V 78-107	901
V 108-127	890
V 129-136	888
V 137	518
V 141-166	882

Historical Series—Index to Tables in Which *Historical Statistics* Series Appear—Continued

[See headnote, p. 869]

Historical Statistics series	1985 *Abstract* table number	*Historical Statistics* series	1985 *Abstract* table number	*Historical Statistics* series	1985 *Abstract* table number	*Historical Statistics* series	1985 *Abstract* table number
V-Con.		X		X-Con.		Y-Con.	
V 167–183	891	X 114–147	810	X 879–889	860	Y 308–317	527
V 182–196	518	X 192	809	X 890–907	859	Y 318–331	524
V 197–212	978	X 229	809	X 908–917	862	Y 335–338	485
V 306–332	896	X 410–417	844	X 918	864	Y 339–342	483
		X 444–453	847	X 923	864	Y 343–351	488
		X 454–455	848	X 928	864	Y 358–373	506
W		X 474–491	850	X 933	864	Y 381–392	517
		X 492–498	851	X 940	864	Y 393–411	508
		X 499–500	852	X 957–962	866	Y 412–439	512
		X 505–506	852			Y 458–460	539
W 14	691	X 517–530	853			Y 461	496
W 17	691	X 536–539	858	Y		Y 466–487	492
W 19	691	X 551–560	840			Y 493–494	496
W 22–25	692	X 588–609	824			Y 497	499
W 30–54	691	X 687–688	831	Y 79–83	401	Y 500–504	499
W 62–65	691	X 716–724	819	Y 84–134	402	Y 505–637	438
W 67–81	1157	X 741	822	Y 135–186	403	Y 638–651	443
W 82–95	941	X 748	822	Y 189–198	409	Y 652–848	438
W 96–108	917	X 756	822	Y 199–203	410	Y 856–903	566
W 109–125	990	X 761	822	Y 204–210	408	Y 904–916	559
W 126	991	X 796–805	815	Y 211–214	406	Y 943–956	579
W 142	993	X 821–833	831	Y 220–271	405	Y 971–983	582
W 144–160	994	X 834–844	832	Y 272–307	472	Y 998–999	583
W 167	1003	X 864–878	835				

Top 25 Metropolitan Areas: 1983



Note: Metropolitan statistical areas (MSA) defined as of June 30, 1984.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 22.

Appendix II

Metropolitan Area Concepts and Components

Statistics for metropolitan areas shown in the *Statistical Abstract* represent areas designated by the U.S. Office of Management and Budget (OMB) as standard metropolitan statistical areas (SMSA's) or metropolitan statistical areas (MSA's). Effective June 30, 1983, OMB changed the basic term from SMSA to MSA and revised the geographic definitions of many individual metropolitan areas; some new areas were defined, and some areas were redesignated as PMSA's or CMSA's (see further explanation below). The revised definitions appear in OMB press release 83–20 of June 27, 1983. The official standards for defining MSA's appeared in the Federal Register, January 3, 1980 (part 6). Revisions of MSA definitions affecting two existing areas and recognizing two new MSA's were made by OMB effective June 30, 1984.

The list of areas which follows (see p. 876) specifies components and population totals and refers to the definitions in effect on October 12, 1984. On that date, there were 261 MSA's, as well as 21 CMSA's comprising 73 PMSA's (including 4 MSA's, 1 CMSA, and 2 PMSA's in Puerto Rico). The figures in tables A, B, and C below (see pp. 874 and 875), exclude the areas in Puerto Rico.

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. Standard definitions of metropolitan statistical areas were first issued in 1949 by the then Bureau of the Budget (predecessor of OMB), under the designation "Standard Metropolitan Areas"; the term was changed to SMSA in 1959. From 1977 to 1981, the SMSA's were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The criteria for the establishment and definition of SMSA's were modified in 1958, 1971, and 1975. The current standards were adopted in January 1980; they provide that each MSA must include at least:

(a) One city with 50,000 or more inhabitants, or

(b) A Census Bureau-defined urbanized area of at least 50,000 inhabitants *and* a total MSA population of at least 100,000 (75,000 in New England).

The standards provide that the MSA include as "central county(ies)" the county in which the central city is located, and adjacent counties, if any, with at least 50 percent of their population in the urbanized area. Additional "outlying counties" are included if they meet specified requirements of commuting to the central counties and of metropolitan character (such as population density and percent urban). In New England the MSA's are defined in terms of cities and towns rather than counties.

The 1980 standards provide that within metropolitan complexes of 1 million or more population, separate component areas are defined if specified criteria are met. Such areas are designated primary metropolitan statistical areas (PMSA's); and any area containing PMSA's is designated a consolidated metropolitan statistical area (CMSA). Besides the 21 CMSA's, there are 14 MSA's of 1 million or more within which no component PMSA's are established. Of the 73 PMSA's most were formerly SMSA's, but 14 were newly established in 1983.

Of the 21 CMSA's most were previously recognized as standard consolidated statistical areas (SCSA's), but 5 were formerly SMSA's within which PMSA's were newly qualified in 1983.

The standards adopted in 1980 were implemented in two stages. First, they were used to define a group of 36 new areas in June 1981. The 323 SMSA's as of June 30, 1981 were reported in the 1980 census tabulations and publications. Next, the boundaries of all SMSA's were reviewed in 1982–83 under the new standards after 1980 commuting data became available.

Revised 1980 standards for determining central cities and titles were implemented as part of the 1982–83 review. The largest city in each MSA is designated a "central city"; in addition there may be additional central cities if specified requirements are met. The title of each MSA consists of the name(s) of up to three of its central cities and the name of each State into which the MSA extends. However, a central city is generally not included in an MSA title unless it has at least one-third the population of the area's largest city. Prior to 1983, virtually all central cities appeared in area titles. An MSA may include other cities of 50,000 or more besides its central or title cities.

Two 1980 census reports relating to the new MSA definitions were in preparation at the time this text was drafted. Both will appear in the Supplementary Report series, PC80-S1; they should be published by the spring of 1985. The first, "Metropolitan Statistical Areas," contains complete-count data on population and housing for all MSA's, their central cities, and their component counties or New England cities and towns. The second "Sample Characteristics for Metropolitan Statistical Areas," provides copious population data for MSA's and their central cities.

New England MSA's and NECMA's.—Because MSA's in New England are defined in terms of cities and towns rather than counties, some statistical data that are available only for counties cannot be compiled for individual New England MSA's. Therefore, for New England areas, data are shown for both New England County Metropolitan Areas (NECMA's) and MSA's wherever possible. The NECMA's provide a county version of the New England areas, but do not replace New England MSA's as the standard areas. NECMA's are defined corresponding to the 3 CMSA's in New England and for the portion of the New York–Northern New Jersey–Long Island CMSA in Connecticut. There are no NECMA definitions corresponding to New England PMSA's.

Effect of changes in MSA definition.—Changes in the definitions of MSA's since 1949 have consisted chiefly of (1) the recognition of new areas as, for example, cities reached 50,000 population; and (2) the addition of counties (or towns in New England) to existing MSA's as new census data showed them to qualify. Also, several formerly separate MSA's have been merged, and occasionally territory has been transferred from one MSA to another or from an MSA to nonmetropolitan territory. Comparisons of MSA figures over time may be affected in cases where the MSA definitions were changed. To maintain comparability, data for an earlier period have been revised in this volume where possible, to reflect the MSA boundaries of the more recent period. However, this could not always be done; for data based on a sample survey, in particular, it is usually not possible to revise the data to reflect changes in MSA definitions that occurred after the survey was made.

In tables A, B, and C that follow, data are given for MSA's as defined for specified dates, thereby indicating the extent of change in population and land area resulting from revisions in definitions.

TABLE A. NUMBER, POPULATION, AND LAND AREA OF MSA'S AS DEFINED AT SPECIFIED DATES: 1940 TO 1980

[The differences in population shown here for each year in the successive columns of the table result entirely from net expansion of metropolitan territory through changes in the MSA definitions. The differences in population shown for each MSA definition (on the successive lines of the table) result entirely from population changes within that territory, unaffected by changes in MSA definitions. The changes in 1980 land area result entirely from net expansion of MSA territory. All data include Alaska and Hawaii and exclude Puerto Rico. Subtraction of any line of the table from the line below will show the net effect of change in population and land area undergone by the MSA's as the result of changes in definitions between the specified dates. Such changes typically occurred throughout the period, not on any single date, and may have included subtractions from, as well as additions to, MSA territory. Census population data for 1970 include corrections made since publication. The area data for the 1950 and 1960 census definitions of MSA's differ from the data published in those censuses because they are based on a remeasurement of land areas made during the 1960's, and also reflect changes in inland water area occurring up to 1970]

MSA DEFINITION AS OF—	Number of MSA's	POPULATION					Land area, 1980 (sq. mi)
		1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952)	169	[1] 69,534,737	[2] 84,853,700	106,344,548	122,184,836	128,839,422	207,146
1960 census (Nov. 1960)	212	[3] 72,844,551	89,316,903	[4] 112,885,139	130,982,661	140,793,427	309,112
1964 (Aug. 31) [5]	217	74,869,415	91,644,188	115,876,343	134,700,911	145,503,863	348,861
1968 (Jan. 31) [6]	230	76,408,154	93,629,986	118,413,604	137,976,252	149,811,057	377,581
1970 census (Feb. 28, 1971)	243	77,154,671	94,579,008	[7] 119,593,498	[8] 139,479,806	151,662,221	386,686
1974 (Apr. 30) [9]	265	[10] 82,037,746	[11] 100,219,707	[12] 126,613,710	148,198,993	162,753,335	491,249
1977 (Dec. 31) [13]	277	82,804,912	101,109,145	127,674,818	149,482,664	164,383,496	510,581
1980 census (June 30, 1981)	318	85,398,406	104,172,853	131,318,714	153,693,767	169,430,623	566,157
1983 (June 30)	[14] 275	86,299,457	105,214,181	132,633,988	155,410,542	171,776,970	560,900
1984 (June 30)	[14] 277	[15] 86,335,502	105,269,298	132,707,748	155,519,340	171,955,900	564,908

[1] Corresponds to total 1940 population for 1950 MSA's published in 1950 census (69,279,675), with addition of Honolulu MSA, and corrected by subtracting population (3,194) of Colonial Heights town erroneously included in Richmond MSA. [2] Corresponds to total MSA population for 1950 published in 1950 census (84,500,660) plus Honolulu MSA. [3] Corresponds to total 1940 population for 1960 MSA's published in 1960 census (72,834,468), corrected by adding population (13,277) erroneously omitted from Stamford MSA (remainder of Stamford town), and subtracting population (3,194) of Colonial Heights town erroneously included in Richmond MSA. [4] Corresponds to total MSA population for 1960 published in 1960 census (112,885,178), corrected by subtracting population (39) erroneously included in Franklin County, Ohio (Columbus MSA). [5] MSA's as defined for the 1963 economic censuses. [6] MSA's as defined for the 1967 economic censuses. [7] Corresponds to total 1960 population for 1970 MSA's published in 1970 census (119,594,754), corrected by subtracting 1,256 population from Lawrence-Haverhill MSA; this represented an addition to the 1960 population of Andover town made subsequent to the original census tabulations, and therefore not reflected in State or national totals. [8] Corresponds to total MSA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication. [9] MSA's as defined for the 1972 economic censuses. [10] Includes estimated 1939 population (4,429) of Anchorage Census Division, as defined in 1970. [11] Includes estimated 1950 population (32,060) of Anchorage Census Division, as defined in 1970. [12] Includes 1960 population (82,833) of Anchorage Census Division, as defined in 1970. [13] MSA's as defined for the 1977 economic censuses. [14] MSA's and CMSA's. [15] Includes the population of precinct 17, Sandoval County, NM, which approximates the area covered by Los Alamos County, organized in 1949.

Source: U.S. Bureau of the Census, 1940–1970, *U.S. Census of Population*, vol. I; *1980 Census of Population*, vol. I, chapters A and B and *Supplementary Report, PC80-S1, Metropolitan Statistical Areas;* and unpublished data.

TABLE B. NONMETROPOLITAN POPULATION AND LAND AREA AT SPECIFIED DATES: 1940 TO 1980

[See headnote for table A, p. 874. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within MSA's at the dates specified]

MSA DEFINITION AS OF—	POPULATION					Land area, 1980 (sq. mi.)
	1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952)	62,629,832	66,472,098	72,978,627	81,117,195	97,706,383	3,332,143
1960 census (Nov. 1960)	59,320,018	62,008,895	66,438,036	72,319,370	85,752,378	3,230,177
1964 (Aug. 31)	57,295,154	59,681,610	63,446,832	68,601,120	81,041,942	3,190,428
1968 (Jan. 31)	55,756,415	57,695,812	60,909,571	65,325,779	76,734,748	3,161,708
1970 census (Feb. 28, 1971)	55,009,698	56,746,790	59,729,677	63,822,225	74,883,584	3,152,403
1974 (Apr. 30)	50,126,823	51,016,091	52,709,465	55,103,038	63,792,470	3,048,040
1977 (Dec. 31)	49,359,657	50,216,653	51,648,357	53,819,367	62,162,309	3,028,708
1980 census (June 30, 1981)	46,766,163	47,152,945	48,004,461	49,608,264	57,115,182	2,973,132
1983 (June 30)	45,865,112	46,111,617	46,689,187	47,891,489	54,768,827	2,978,389
1984 (Oct. 12)	45,829,067	46,056,500	46,615,427	47,782,691	54,589,905	2,974,381

Source: U.S. Bureau of the Census, 1940–1970, *U.S. Census of Population*, vol. I; *1980 Census of Population*, vol. 1, chapters A and B and *Supplementary Report, Metropolitan Statistical Areas*, (PC80-S1), forthcoming report and unpublished data.

TABLE C. PERCENT OF TOTAL U.S. POPULATION AND PERCENT OF LAND AREA INSIDE MSA'S AS DEFINED AT SPECIFIED DATES: 1940 TO 1980

[See headnote for table A, p. 874]

MSA DEFINITION AS OF—	PERCENT OF POPULATION					Percent of land area, 1980
	1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952)	52.6	56.1	59.3	60.1	56.9	5.9
1960 census (Nov. 1960)	55.1	59.0	63.0	64.4	62.2	8.7
1964 (Aug. 31)	56.6	60.6	64.6	66.3	64.2	9.9
1968 (Jan. 31)	57.8	61.9	66.0	67.9	66.1	10.7
1970 census (Feb. 28, 1971)	58.4	62.5	66.7	68.6	67.0	10.9
1974 (Apr. 30)	62.1	66.2	70.6	72.9	71.8	13.9
1977 (Dec. 31)	62.7	66.8	71.2	73.5	72.6	14.4
1980 census (June 30, 1981)	64.6	68.8	73.2	75.6	74.8	16.0
1983 (June 30)	65.3	69.5	74.0	76.4	75.8	15.8
1984 (Oct. 12)	65.3	69.6	74.0	76.5	75.9	16.0

Source: U.S. Bureau of the Census, 1940–1970, *U.S. Census of Population*, vol. I; *1980 Census of Population*, vol. 1, chapters A and B, and *Supplementary Report Metropolitan Statistical Areas*, (PC80-S1), forthcoming report and unpublished data.

New England County Metropolitan Statistical Areas (NECMA's)

	1983 Population [1] (1,000)
Bangor, ME	137
Penobscot County	137
Boston-Lawrence-Salem-Lowell-Brockton, MA	3,673
Essex County	641
Middlesex County	1,366
Norfolk County	604
Plymouth County	418
Suffolk County	644
Bridgeport-Stanford-Norwalk-Danbury, CT	817
Fairfield County	817
Burlington, VT	124
Chittenden County	119
Grand Isle County	5
Hartford-New Britain-Middletown-Bristol, CT	1,058
Hartford County	809
Middlesex County	131
Tolland County	118
Lewiston-Auburn, ME	99
Androscoggin County	99
Manchester-Nashua, NH	290
Hillsborough County	290
New Bedford-Fall River-Attleboro, MA	481
Bristol County	481
New Haven-Waterbury-Meriden, CT	765
New Haven County	765
New London-Norwich, CT	243
New London County	243
Pittsfield, MA	141
Berkshire County	141
Portland, ME	222
Cumberland County	222
Portsmouth-Dover-Rochester, NH	291
Rockingham County	202
Strafford County	89
Providence-Pawtucket-Woonsocket, RI	871
Bristol County	47
Kent County	156
Providence County	571
Washington County	96
Springfield, MA	582
Hampden County	443
Hampshire County	139
Worcester-Fitchburg-Leominster, MA	651
Worcester County	651

[1] As of July 1.

Source: U.S. Bureau of the Census, unpublished data.

APPENDIX II

Metropolitan Statistical Areas and their Components as of June 30, 1984

[Population estimated as of July 1, 1983. All MSA's are arranged alphabetically. For relationship of PMSA's to their CMSA's, see CMSA entry]

	1983 Population (1,000)
Abilene, TX MSA	121
Taylor County	121
Akron, OH PMSA	652
Portage County	137
Summit County	515
Albany, GA MSA	116
Dougherty County	103
Lee County	13
Albany-Schenectady-Troy, NY MSA	841
Albany County	286
Greene County	41
Montgomery County	53
Rensselaer County	152
Saratoga County	159
Schenectady County	150
Albuquerque, NM MSA	443
Bernalillo County	443
Alexandria, LA MSA	137
Rapides Parish	137
Allentown-Bethlehem, PA-NJ MSA	643
Warren County, NJ	66
Carbon County, PA	54
Lehigh County, PA	274
Northampton County, PA	229
Altoona, PA MSA	135
Blair County	135
Amarillo, TX MSA	166
Potter County	104
Randall County	62
Anaheim-Santa Ana, CA PMSA	2,059
Orange County	2,059
Anchorage, AK MSA	211
Anchorage Borough	211
Anderson, IN MSA	135
Madison County	135
Anderson, SC MSA	138
Anderson County	138
Ann Arbor, MI PMSA	258
Washtenaw County	258
Anniston, AL MSA	124
Calhoun County	124
Appleton-Oshkosh-Neenah, WI MSA	297
Calumet County	32
Outagamie County	132
Winnebago County	132
Asheville, NC MSA	165
Buncombe County	165
Athens, GA MSA	135
Clarke County	76
Jackson County	27
Madison County	19
Oconee County	14
Atlanta, GA MSA	2,305
Barrow County	23
Butts County	15
Cherokee County	60
Clayton County	158
Cobb County	335
Coweta County	42
De Kalb County	500
Douglas County	61
Fayette County	36
Forsyth County	31
Fulton County	607
Gwinnett County	209
Henry County	40
Newton County	38
Paulding County	28
Rockdale County	40
Spalding County	51
Walton County	31
Atlantic City, NJ MSA	284
Atlantic County	198
Cape May County	87
Augusta, GA-SC MSA	361
Columbia County, GA	46
McDuffie County, GA	19
Richmond County, GA	185
Aiken County, SC	110
Aurora-Elgin, IL PMSA	320
Kane County	283
Kendall County	37
Austin, TX MSA	618
Hays County	47
Travis County	478
Williamson County	93
Bakersfield, CA MSA	447
Kern County	447
Baltimore, MD MSA	2,232
Anne Arundel County	383
Baltimore County	661
Carroll County	104
Harford County	151
Howard County	130
Queen Anne's County	27
Baltimore City	776
Bangor, ME MSA	84
Penobscot County (pt)	(NA)
Waldo County (pt)	(NA)
Baton Rouge, LA MSA	531
Ascension Parish	56
East Baton Rouge Parish	386
Livingston Parish	68
West Baton Rouge Parish	21
Battle Creek, MI MSA	138
Calhoun County	138
Beaumont-Port Arthur, TX MSA	388
Hardin County	44
Jefferson County	262
Orange County	83
Beaver County, PA PMSA	202
Beaver County	202
Bellingham, WA MSA	110
Whatcom County	110
Benton Harbor, MI MSA	164
Berrien County	164
Bergen-Passaic, NJ PMSA	1,291
Bergen County	841
Passaic County	450
Billings, MT MSA	116
Yellowstone County	116
Biloxi-Gulfport, MS MSA	193
Hancock County	27
Harrison County	165
Binghamton, NY MSA	265
Broome County	215
Tioga County	50
Birmingham, AL MSA	891
Blount County	36
Jefferson County	672
St. Clair County	43
Shelby County	70
Walker County	69
Bismarck, ND MSA	84
Burleigh County	58
Morton County	26
Bloomington, IN MSA	100
Monroe County	100
Bloomington-Normal, IL MSA	121
McLean County	121
Boise City, ID MSA	184
Ada County	184
Boston, MA PMSA	2,804
Bristol County (pt.)	(NA)
Essex County (pt.)	(NA)
Middlesex County (pt.)	(NA)
Norfolk County (pt.)	(NA)
Plymouth County (pt.)	(NA)
Suffolk County	(NA)
Worcester County (pt.)	(NA)
Boston-Lawrence-Salem, MA-NH CMSA	3,997
Boston, MA PMSA	2,804
Brockton, MA PMSA	187
Lawrence-Haverhill, MA-NH PMSA	350
Lowell, MA-NH PMSA	247
Nashua, NH PMSA	151
Salem-Gloucester, MA PMSA	259

See footnote on page 882.

[See headnote, p. 876]

	1983 Population (1,000)
Boulder-Longmont, CO PMSA	206
Boulder County	206
Bradenton, FL MSA	166
Manatee County	166
Brazoria, TX PMSA	186
Brazoria County	186
Bremerton, WA MSA	160
Kitsap County	160
Bridgeport-Milford, CT PMSA	442
Fairfield County (pt.)	(NA)
New Haven County (pt.)	(NA)
Bristol, CT PMSA	74
Hartford County (pt.)	(NA)
Litchfield County (pt.)	(NA)
Brockton, MA PMSA	187
Bristol County (pt.)	(NA)
Norfolk County (pt.)	(NA)
Plymouth County (pt.)	(NA)
Brownsville-Harlingen, TX MSA	233
Cameron County	233
Bryan-College Station, TX MSA	111
Brazos County	111
Buffalo, NY PMSA	1,002
Erie County	1,002
Buffalo-Niagara Falls, NY CMSA	1,226
Buffalo, NY PMSA	1,002
Niagara Falls, NY PMSA	225
Burlington, NC MSA	102
Alamance County	102
Burlington, VT MSA	119
Chittenden County (pt.)	(NA)
Franklin County (pt.)	(NA)
Grand Isle County (pt.)	(NA)
Canton, OH MSA	403
Carroll County	26
Stark County	377
Casper, WY MSA	77
Natrona County	77
Cedar Rapids, IA MSA	169
Linn County	169
Champaign-Urbana-Rantoul, IL MSA	169
Champaign County	169
Charleston, SC MSA	464
Berkeley County	105
Charleston County	292
Dorchester County	67
Charleston, WV MSA	269
Kanawha County	229
Putnam County	40
Charlotte-Gastonia-Rock Hill, NC-SC MSA	1,019
Cabarrus County, NC	90
Gaston County, NC	169
Lincoln County, NC	44
Mecklenburg County, NC	427
Rowan County, NC	101
Union County, NC	75
York County, SC	113
Charlottesville, VA MSA	117
Albemarle County	57
Fluvanna County	11
Greene County	8
Charlottesville city	41
Chattanooga, TN-GA MSA	427
Catoosa County GA	38
Dade County, GA	12
Walker County, GA	57
Hamilton County, TN	286
Marion County, TN	24
Sequatchie County, TN	9
Chicago, IL PMSA	6,119
Cook County	5,276
Du Page County	690
McHenry County	153
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	8,016
Aurora-Elgin, IL PMSA	320
Chicago, IL PMSA	6,119
Gary-Hammond, IN PMSA	640
Joliet, IL PMSA	360
Kenosha, WI PMSA	122
Lake County, IL PMSA	455
Chico, CA MSA	155
Butte County	155
Cincinnati, OH-KY-IN PMSA	1,405
Dearborn County, IN	36
Boone County, KY	49
Campbell County, KY	82
Kenton County, KY	138
Clermont County, OH	135
Hamilton County, OH	862
Warren County, OH	102
Cincinnati-Hamilton, OH-KY-IN CMSA	1,666
Cincinnati, OH-KY-IN PMSA	1,405
Hamilton-Middletown, OH PMSA	261
Clarksville-Hopkinsville, TN-KY MSA	151
Christian County, KY	63
Montgomery County, TN	88
Cleveland, OH PMSA	1,878
Cuyahoga County	1,471
Geauga County	75
Lake County	216
Medina County	116
Cleveland-Akron-Lorain, OH CMSA	2,803
Akron, OH PMSA	652
Cleveland, OH PMSA	1,878
Lorain-Elyria, OH PMSA	273
Colorado Springs, CO MSA	340
El Paso County	340
Columbia, MO MSA	104
Boone County	104
Columbia, SC MSA	428
Lexington County	148
Richland County	280
Columbus, GA-AL MSA	242
Russell County, AL	47
Chattahoochee County, GA	20
Muscogee County, GA	175
Columbus, OH MSA	1,263
Delaware County	56
Fairfield County	95
Franklin County	880
Licking County	124
Madison County	34
Pickaway County	43
Union County	30
Corpus Christi, TX MSA	356
Nueces County	292
San Patricio County	64
Cumberland, MD-WV MSA	106
Allegany County, MD	78
Mineral County, WV	28
Dallas, TX PMSA	2,170
Collin County	176
Dallas County	1,687
Denton County	178
Ellis County	66
Kaufman County	45
Rockwall County	17
Dallas-Fort Worth, TX CMSA	3,266
Dallas, TX PMSA	2,170
Fort Worth-Arlington, TX PMSA	1,096
Danbury, CT PMSA	176
Fairfield County (pt.)	(NA)
Litchfield County (pt.)	(NA)
Danville, VA MSA	111
Pittsylvania County	66
Danville city	44
Davenport-Rock Island-Moline, IA-IL MSA	384
Henry County, IL	57
Rock Island County, IL	166
Scott County, IA	161
Dayton-Springfield, OH MSA	936
Clark County	148
Greene County	131
Miami County	90
Montgomery County	567
Daytona Beach, FL MSA	290
Volusia County	290
Decatur, IL MSA	130
Macon County	130
Denver, CO PMSA	1,561
Adams County	270
Arapahoe County	350
Denver County	508
Douglas County	31
Jefferson County	403
Denver-Boulder, CO CMSA	1,768
Boulder-Longmont, CO PMSA	206
Denver, CO PMSA	1,561
Des Moines, IA MSA	375
Dallas County	30
Polk County	310
Warren County	36
Detroit, MI PMSA	4,347
Lapeer County	69

See footnote on page 882.

[See headnote, p. 876]

	1983 Population (1,000)
Livingston County	100
Macomb County	688
Monroe County	132
Oakland County	999
St. Clair County	137
Wayne County	2,222
Detroit-Ann Arbor, MI CMSA	**4,605**
Ann Arbor, MI PMSA	258
Detroit, MI PMSA	4,347
Dothan, AL MSA	**125**
Dale County	48
Houston County	77
Dubuque, IA MSA	**92**
Dubuque County	92
Duluth, MN-WI MSA	**258**
St. Louis County, MN	214
Douglas County, WI	44
Eau Claire, WI MSA	**134**
Chippewa County	53
Eau Claire County	81
El Paso, TX MSA	**510**
El Paso County	510
Elkhart-Goshen, IN MSA	**139**
Elkhart County	139
Elmira, NY MSA	**96**
Chemung County	96
Enid, OK MSA	**68**
Garfield County	68
Erie, PA MSA	**280**
Erie County	280
Eugene-Springfield, OR MSA	**269**
Lane County	269
Evansville, IN-KY MSA	**279**
Posey County, IN	26
Vanderburgh County, IN	167
Warrick County, IN	44
Henderson County, KY	42
Fall River, MA-RI PMSA	**159**
Bristol County, MA (pt.)	(NA)
Newport County, RI (pt.)	(NA)
Fargo-Moorhead, ND-MN MSA	**140**
Clay County, MN	49
Cass County, ND	92
Fayetteville, NC MSA	**249**
Cumberland County	249
Fayetteville-Springdale, AR MSA	**103**
Washington County	103
Fitchburg-Leominster, MA MSA	**95**
Middlesex County (pt.)	(NA)
Worcester County (pt.)	(NA)
Flint, MI MSA	**438**
Genesee County	438
Florence, AL MSA	**136**
Colbert County	54
Lauderdale County	82
Florence, SC MSA	**113**
Florence County	113
Fort Collins-Loveland, CO MSA	**162**
Larimer County	162
Fort Lauderdale-Hollywood—Pompano Beach, FL PMSA	**1,073**
Broward County	1,073
Fort Myers-Cape Coral, FL MSA	**241**
Lee County	241
Fort Pierce, FL MSA	**180**
Martin County	76
St. Lucie County	104
Fort Smith, AR-OK MSA	**167**
Crawford County, AR	39
Sebastian County, AR	96
Sequoyah County, OK	33
Fort Walton Beach, FL MSA	**120**
Okaloosa County	120
Fort Wayne, IN MSA	**349**
Allen County	290
De Kalb County	33
Whitley County	26
Fort Worth-Arlington, TX PMSA	**1,096**
Johnson County	78
Parker County	51
Tarrant County	967
Fresno, CA MSA	**545**
Fresno County	545
Gadsden, AL MSA	**104**
Etowah County	104
Gainesville, FL MSA	**184**
Alachua County	163
Bradford County	21
Galveston-Texas City, TX PMSA	**213**
Galveston County	213
Gary-Hammond IN PMSA	**640**
Lake County	516
Porter County	124
Glens Falls, NY MSA	**112**
Warren County	56
Washington County	56
Grand Forks, ND MSA	**67**
Grand Forks County	67
Grand Rapids, MI MSA	**611**
Kent County	451
Ottawa County	160
Great Falls, MT MSA	**81**
Cascade County	81
Greeley, CO MSA	**130**
Weld County	130
Green Bay, WI MSA	**180**
Brown County	180
Greensboro-Winston-Salem-High Point, NC MSA	**876**
Davidson County	117
Davie County	25
Forsyth County	252
Guilford County	324
Randolph County	95
Stokes County	34
Yadkin County	29
Greenville-Spartanburg, SC MSA	**590**
Greenville County	299
Pickens County	89
Spartanburg County	208
Hagerstown, MD MSA	**113**
Washington County	113
Hamilton-Middletown, OH PMSA	**261**
Butler County	261
Harrisburg-Lebanon-Carlisle, PA MSA	**564**
Cumberland County	182
Dauphin County	235
Lebanon County	111
Perry County	37
Hartford, CT PMSA	**721**
Hartford County (pt.)	(NA)
Litchfield County (pt.)	(NA)
Middlesex County (pt.)	(NA)
New London County (pt.)	(NA)
Tolland County (pt.)	(NA)
Hartford-New Britain-Middletown, CT CMSA	**1,019**
Bristol, CT PMSA	74
Hartford, CT PMSA	721
Middletown, CT PMSA	82
New Britain, CT PMSA	142
Hickory, NC MSA	**209**
Alexander County	26
Burke County	74
Catawba County	109
Honolulu, HI MSA	**799**
Honolulu County	799
Houma-Thibodaux, LA MSA	**190**
Lafourche Parish	88
Terrebonne Parish	103
Houston, TX PMSA	**3,161**
Fort Bend County	177
Harris County	2,733
Liberty County	54
Montgomery County	173
Waller County	23
Houston-Galveston-Brazoria, TX CMSA	**3,561**
Brazoria, TX PMSA	186
Galveston-Texas City, TX PMSA	213
Houston, TX PMSA	3,161
Huntington-Ashland, WV-KY-OH MSA	**336**
Boyd County, KY	55
Carter County, KY	26
Greenup County, KY	39
Lawrence County, OH	63
Cabell County, WV	106
Wayne County, WV	47

See footnote on page 882.

[See headnote, p. 876]

	1983 Population (1,000)
Huntsville, AL MSA	207
Madison County	207
Indianapolis, IN MSA	1,182
Boone County	37
Hamilton County	86
Hancock County	44
Hendricks County	71
Johnson County	80
Marion County	772
Morgan County	53
Shelby County	40
Iowa City, IA MSA	83
Johnson County	83
Jackson, MI MSA	147
Jackson County	147
Jackson, MS MSA	374
Hinds County	254
Madison County	44
Rankin County	75
Jacksonville, FL MSA	773
Clay County	77
Duval County	600
Nassau County	36
St. Johns County	59
Jacksonville, NC MSA	119
Onslow County	119
Janesville-Beloit, WI MSA	139
Rock County	139
Jersey City, NJ PMSA	562
Hudson County	562
Johnson City-Kingsport-Bristol, TN-VA MSA	440
Carter County, TN	51
Hawkins County, TN	44
Sullivan County, TN	146
Unicoi County, TN	17
Washington County, TN	92
Scott County, VA	26
Washington County, VA	47
Bristol city, VA	19
Johnstown, PA MSA	260
Cambria County	179
Somerset County	81
Joliet, IL PMSA	360
Grundy County	31
Will County	330
Joplin, MO MSA	130
Jasper County	89
Newton County	41
Kalamazoo, MI MSA	211
Kalamazoo County	211
Kankakee, IL MSA	102
Kankakee County	102
Kansas City, MO-KS MSA	1,464
Johnson County, KS	289
Leavenworth County, KS	59
Miami County, KS	22
Wyandotte County, KS	173
Cass County, MO	53
Clay County, MO	140
Jackson County, MO	629
Lafayette, County, MO	30
Platte County, MO	49
Ray County, MO	21
Kenosha, WI PMSA	122
Kenosha County	122
Killeen-Temple, TX MSA	216
Bell County	158
Coryell County	58
Knoxville, TN MSA	579
Anderson County	68
Blount County	81
Grainger County	17
Jefferson County	33
Knox County	324
Sevier County	44
Union County	12
Kokomo, IN MSA	102
Howard County	86
Tipton County	17
La Crosse, WI MSA	92
La Crosse County	92
Lafayette, LA MSA	216
Lafayette Parish	171
St. Martin Parish	45
Lafayette, IN MSA	123
Tippecanoe County	123
Lake Charles, LA MSA	177
Calcasieu Parish	177
Lake County, IL PMSA	455
Lake County	455
Lakeland-Winter Haven, FL MSA	346
Polk County	346
Lancaster, PA MSA	372
Lancaster County	372
Lansing-East Lansing, MI MSA	411
Clinton County	55
Eaton County	87
Ingham County	268
Laredo, TX MSA	111
Webb County	111
Las Cruces, NM MSA	102
Dona Ana County	102
Las Vegas, NV MSA	521
Clark County	521
Lawrence, KS MSA	70
Douglas County	70
Lawrence-Haverhill, MA-NH PMSA	350
Essex County, MA (pt.)	(NA)
Rockingham County, NH (pt.)	(NA)
Lawton, OK MSA	122
Comanche County	122
Lewiston-Auburn, ME MSA	85
Androscoggin County (pt.)	(NA)
Lexington-Fayette, KY MSA	323
Bourbon County	19
Clark County	29
Fayette County	207
Jessamine County	27
Scott County	22
Woodford County	18
Lima, OH MSA	153
Allen County	110
Auglaize County	43
Lincoln, NE MSA	200
Lancaster County	200
Little Rock-North Little Rock, AR MSA	487
Faulkner County	48
Lonoke County	36
Pulaski County	348
Saline County	55
Longview-Marshall, TX MSA	169
Gregg County	112
Harrison County	57
Lorain-Elyria, OH PMSA	273
Lorain County	273
Los Angeles-Anaheim-Riverside, CA CMSA	12,191
Anaheim-Santa Ana, CA PMSA	2,059
Los Angeles-Long Beach, CA PMSA	7,818
Oxnard-Ventura, CA PMSA	576
Riverside-San Bernardino, CA PMSA	1,738
Los Angeles-Long Beach, CA PMSA	7,818
Los Angeles County	7,818
Louisville, KY-IN MSA	958
Clark County, IN	90
Floyd County, IN	62
Harrison County, IN	28
Bullitt County, KY	45
Jefferson County, KY	678
Oldham County, KY	29
Shelby County, KY	24
Lowell, MA-NH PMSA	247
Middlesex County, MA (pt.)	(NA)
Hillsborough County, NH (pt.)	(NA)
Lubbock, TX MSA	219
Lubbock County	219
Lynchburg, VA MSA	142
Amherst County	29
Campbell County	46
Lynchburg city	67
Macon-Warner Robins, GA MSA	274
Bibb County	155
Houston County	82
Jones County	18
Peach County	19
Madison, WI MSA	330
Dane County	330
Manchester, NH MSA	134
Hillsborough County (pt.)	(NA)
Merrimack County (pt.)	(NA)
Rockingham County (pt.)	(NA)
Mansfield, OH MSA	129
Richland County	129
McAllen-Edinburg-Mission, TX MSA	323
Hidalgo County	323

See footnote on page 882.

[See headnote, p. 876]

	1983 Population (1,000)
Medford, OR MSA	134
Jackson County	134
Melbourne-Titusville-Palm Bay, FL MSA	307
Brevard County	307
Memphis, TN-AR-MS MSA	930
Crittenden County, AR	50
De Soto County MS	57
Shelby County, TN	789
Tipton County, TN	34
Miami-Fort Lauderdale, FL CMSA	2,793
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	1,073
Miami-Hialeah, FL PMSA	1,719
Miami-Hialeah, FL PMSA	1,719
Dade County	1,719
Middlesex-Somerset-Hunterdon, NJ PMSA	908
Hunterdon County	91
Middlesex County	609
Somerset County	207
Middletown, CT PMSA	82
Middlesex County (pt)	(NA)
Midland, TX MSA	107
Midland County	107
Milwaukee, WI PMSA	1,397
Milwaukee County	960
Ozaukee County	67
Washington County	87
Waukesha County	283
Milwaukee-Racine, WI CMSA	1,571
Milwaukee, WI PMSA	1,397
Racine, WI PMSA	173
Minneapolis-St. Paul, MN-WI MSA	2,208
Anoka County, MN	209
Carver County, MN	39
Chisago County, MN	27
Dakota County, MN	209
Hennepin County, MN	959
Isanti County, MN	24
Ramsey County, MN	467
Scott County, MN	46
Washington County, MN	121
Wright County, MN	62
St. Croix County, WI	45
Mobile, AL MSA	459
Baldwin County	84
Mobile County	375
Modesto, CA MSA	287
Stanislaus County	287
Monmouth-Ocean, NJ PMSA	884
Monmouth County	518
Ocean County	366
Monroe, LA MSA	142
Ouachita Parish	142
Montgomery, AL MSA	281
Autauga County	33
Elmore County	45
Montgomery County	202
Muncie, IN MSA	125
Delaware County	125
Muskegon, MI MSA	154
Muskegon County	154
Naples, FL MSA	104
Collier County	104
Nashua, NH PMSA	151
Hillsborough County (pt.)	(NA)
Rockingham County (pt.)	(NA)
Nashville, TN MSA	878
Cheatham County	23
Davidson County	485
Dickson County	31
Robertson County	38
Rutherford County	91
Sumner County	89
Williamson County	63
Wilson County	58
Nassau-Suffolk, NY PMSA	2,655
Nassau County	1,338
Suffolk County	1,317
New Bedford, MA MSA	169
Bristol County (pt.)	(NA)
Plymouth County (pt.)	(NA)
New Britain, CT PMSA	142
Hartford County (pt.)	(NA)
New Haven-Meriden, CT MSA	503
Middlesex County (pt.)	(NA)
New Haven County (pt.)	(NA)
New London-Norwich, CT-RI MSA	256
New London County, CT (pt.)	(NA)
Windham County, CT (pt.)	(NA)
Washington County, RI (pt.)	(NA)
New Orleans, LA MSA	1,316
Jefferson Parish	474
Orleans Parish	562
St. Bernard Parish	67
St. Charles Parish	42
St. John The Baptist Parish	39
St. Tammany Parish	132
New York, NY PMSA	8,291
Bronx County	1,154
Kings County	2,227
New York County	1,425
Putnam County	80
Queens County	1,901
Richmond County	367
Rockland County	266
Westchester County	871
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	17,687
Bergen-Passaic, NJ PMSA	1,291
Bridgeport-Milford, CT PMSA	442
Danbury, CT PMSA	176
Jersey City, NJ PMSA	562
Middlesex-Somerset-Hunterdon, NJ PMSA	908
Monmouth-Ocean, NJ PMSA	884
Nassau-Suffolk, NY PMSA	2,655
New York, NY PMSA	8,291
Newark, NJ PMSA	1,882
Norwalk, CT PMSA	128
Orange County, NY PMSA	268
Stamford, CT PMSA	200
Newark, NJ PMSA	1,882
Essex County	840
Morris County	416
Sussex County	123
Union County	503
Niagara Falls, NY PMSA	225
Niagara County	225
Norfolk-Virginia Beach-Newport News, VA MSA	1,227
Gloucester County	23
James City County	24
York County	37
Chesapeake city	122
Hampton city	126
Newport News city	153
Norfolk city	271
Poquoson city	10
Portsmouth city	107
Suffolk city	48
Virginia Beach city	295
Williamsburg city	11
Norwalk, CT PMSA	128
Fairfield County (pt.)	(NA)
Oakland, CA PMSA	1,863
Alameda County	1,163
Contra Costa County	700
Ocala, FL MSA	148
Marion County	148
Odessa, TX MSA	137
Ector County	137
Oklahoma City, OK MSA	957
Canadian County	67
Cleveland County	153
Logan County	30
McClain County	24
Oklahoma County	623
Pottawatomie County	60
Olympia, WA MSA	137
Thurston County	137
Omaha, NE-IA MSA	604
Pottawattamie County, IA	87
Douglas County, NE	408
Sarpy County, NE	92
Washington County, NE	16
Orange County, NY PMSA	268
Orange County	268
Orlando, FL MSA	793
Orange County	521
Osceola County	64
Seminole County	209
Owensboro, KY MSA	87
Daviess County	87
Oxnard-Ventura, CA PMSA	576
Ventura County	576
Panama City, FL MSA	103
Bay County	103
Parkersburg-Marietta, WV-OH MSA	159
Washington County, OH	65
Wood County, WV	94
Pascagoula, MS MSA	126
Jackson County	126

See footnote on page 882.

[See headnote, p. 876]

	1983 Population (1,000)
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	**309**
Bristol County, MA (pt.)	(NA)
Norfolk County, MA (pt.)	(NA)
Worcester County, MA (pt.)	(NA)
Providence County, RI (pt.)	(NA)
Pensacola, FL MSA	**313**
Escambia County	252
Santa Rosa County	61
Peoria, IL MSA	**362**
Peoria County	197
Tazewell County	131
Woodford County	34
Philadelphia, PA-NJ PMSA	**4,760**
Burlington County, NJ	373
Camden County, NJ	480
Gloucester County, NJ	207
Bucks County, PA	498
Chester County, PA	331
Delaware County, PA	553
Montgomery County, PA	653
Philadelphia County, PA	1,663
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	**5,738**
Philadelphia, PA-NJ PMSA	4,760
Trenton, NJ PMSA	311
Vineland-Millville-Bridgeton, NJ PMSA	133
Wilmington, DE-NJ-MD PMSA	534
Phoenix, AZ MSA	**1,664**
Maricopa County	1,664
Pine Bluff, AR MSA	**90**
Jefferson County	90
Pittsburgh, PA PMSA	**2,198**
Allegheny County	1,429
Fayette County	160
Washington County	217
Westmoreland County	392
Pittsburgh-Beaver Valley, PA CMSA	**2,400**
Beaver County, PA PMSA	202
Pittsburgh, PA PMSA	2,198
Pittsfield, MA MSA	**81**
Berkshire County (pt.)	(NA)
Portland, ME MSA	**200**
Cumberland County (pt.)	(NA)
York County (pt.)	(NA)
Portland, OR PMSA	**1,129**
Clackamas County	250
Multnomah County	562
Washington County	261
Yamhill County	57
Portland-Vancouver, OR-WA CMSA	**1,331**
Portland, OR PMSA	1,129
Vancouver, WA PMSA	202
Portsmouth-Dover-Rochester, NH-ME MSA	**201**
York County, ME (pt.)	(NA)
Rockingham County, NH (pt.)	(NA)
Stafford County, NH (pt.)	(NA)
Poughkeepsie, NY MSA	**250**
Dutchess County	250
Providence, RI PMSA	**623**
Bristol County	(NA)
Kent County (pt.)	(NA)
Newport County (pt.)	(NA)
Providence County (pt.)	(NA)
Washington County (pt.)	(NA)
Providence-Pawtucket-Fall River, RI-MA CMSA	**1,091**
Fall River, MA-RI PMSA	159
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	309
Providence, RI PMSA	623
Provo-Orem, UT MSA	**236**
Utah County	236
Pueblo, CO MSA	**124**
Pueblo County	124
Racine, WI PMSA	**173**
Racine County	173
Raleigh-Durham, NC MSA	**590**
Durham County	156
Franklin County	31
Orange County	79
Wake County	324
Reading, PA MSA	**315**
Berks County	315
Redding, CA MSA	**125**
Shasta County	125
Reno, NV MSA	**209**
Washoe County	209
Richland-Kennewick-Pasco, WA MSA	**151**
Benton County	114
Franklin County	36
Richmond-Petersburg, VA MSA	**785**
Charles City County	7
Chesterfield County	152
Dinwiddie County	22
Goochland County	12
Hanover County	52
Henrico County	189
New Kent County	9
Powhatan County	13
Prince George County	25
Colonial Heights city	17
Hopewell city	24
Petersburg city	41
Richmond city	221
Riverside-San Bernardino, CA PMSA	**1,738**
Riverside County	740
San Bernardino County	997
Roanoke, VA MSA	**221**
Botetourt County	24
Roanoke County	73
Roanoke city	100
Salem city	24
Rochester, MN MSA	**93**
Olmsted County	93
Rochester, NY MSA	**990**
Livingston County	58
Monroe County	714
Ontario County	91
Orleans County	39
Wayne County	88
Rockford, IL MSA	**280**
Boone County	29
Winnebago County	251
Sacramento, CA MSA	**1,197**
El Dorado County	97
Placer County	130
Sacramento County	853
Yolo County	117
Saginaw-Bay City-Midland, MI MSA	**414**
Bay County	117
Midland County	74
Saginaw County	222
St. Cloud, MN MSA	**169**
Benton County	26
Sherburne County	32
Stearns County	111
St. Joseph, MO MSA	**86**
Buchanan County	86
St. Louis, MO-IL MSA	**2,396**
Franklin County, MO	74
Jefferson County, MO	152
St. Charles County, MO	157
St. Louis County, MO	985
St. Louis city, MO	440
Clinton County, IL	33
Jersey County, IL	20
Madison County, IL	246
Monroe County, IL	20
St. Clair, County, IL	269
Salem, OR MSA	**255**
Marion County	209
Polk County	46
Salem-Gloucester, MA PMSA	**259**
Essex County (pt)	(NA)
Salinas-Seaside-Monterey, CA MSA	**311**
Monterey County	311
Salt Lake City-Ogden, UT MSA	**1,006**
Davis County	165
Salt Lake County	685
Weber County	156
San Angelo, TX MSA	**94**
Tom Green County	94
San Antonio, TX MSA	**1,169**
Bexar County	1,076
Comal County	42
Guadalupe County	51
San Diego, CA MSA	**2,015**
San Diego County	2,015
San Francisco, CA PMSA	**1,518**
Marin County	226
San Francisco County	684
San Mateo County	606
San Francisco-Oakland-San Jose, CA CMSA	**5,624**
Oakland, CA PMSA	1,863
San Francisco, CA PMSA	1,518
San Jose, CA PMSA	1,360
Santa Cruz, CA PMSA	200
Santa Rosa-Petaluma, CA PMSA	321
Vallejo-Fairfield-Napa, CA PMSA	362

See footnote on page 882.

[See headnote, p. 876]

	1983 Population (1,000)
San Jose, CA PMSA	1,360
Santa Clara County	1,360
Santa Barbara-Santa Maria-Lompoc, CA MSA	317
Santa Barbara County	317
Santa Cruz, CA PMSA	200
Santa Cruz County	200
Santa Fe, NM MSA	102
Los Alamos County	21
Santa Fe County	80
Santa Rosa-Petaluma, CA PMSA	321
Sonoma County	321
Sarasota, FL MSA	227
Sarasota County	227
Savannah, GA MSA	231
Chatham County	211
Effingham County	20
Scranton-Wilkes-Barre, PA MSA	727
Columbia County	62
Lackawanna County	225
Luzerne County	339
Monroe County	74
Wyoming County	27
Seattle, WA PMSA	1,677
King County	1,315
Snohomish County	362
Seattle-Tacoma, WA CMSA	2,187
Seattle, WA PMSA	1,677
Tacoma, WA PMSA	510
Sharon, PA MSA	127
Mercer County	127
Sheboygan, WI MSA	101
Sheboygan County	101
Sherman-Denison, TX MSA	94
Grayson County	94
Shreveport, LA MSA	353
Bossier Parish	87
Caddo Parish	265
Sioux City, IA-NE MSA	118
Woodbury County, IA	101
Dakota County, NE	17
Sioux Falls, SD MSA	114
Minnehaha County	114
South Bend-Mishawaka, IN MSA	239
St. Joseph County	239
Spokane, WA MSA	348
Spokane County	348
Springfield, IL MSA	188
Menard County	12
Sangamon County	176
Springfield, MA MSA	515
Hampden County (pt)	(NA)
Hampshire County (pt)	(NA)
Springfield, MO MSA	213
Christian County	24
Greene County	190
Stamford, CT PMSA	200
Fairfield County (pt)	(NA)
State College, PA MSA	113
Centre County	113
Steubenville-Weirton, OH-WV MSA	158
Jefferson County, OH	89
Brooke County, WV	30
Hancock County, WV	39
Stockton, CA MSA	379
San Joaquin County	379
Syracuse, NY MSA	650
Madison County	67
Onondaga County	466
Oswego County	117
Tacoma, WA PMSA	510
Pierce County	510
Tallahassee, FL MSA	203
Gadsden County	43
Leon County	160
Tampa-St. Petersburg-Clearwater, FL MSA	1,770
Hernando County	63
Hillsborough County	710
Pasco County	225
Pinellas County	773
Terre Haute, IN MSA	136
Clay County	25
Vigo County	111
Texarkana, TX-Texarkana, AR MSA	117
Miller County, AR	39
Bowie County, TX	78
Toledo, OH MSA	608
Fulton County	38
Lucas County	463
Wood County	107
Topeka, KS MSA	158
Shawnee County	158
Trenton, NJ PMSA	311
Mercer County	311
Tucson, AZ MSA	572
Pima County	572
Tulsa, OK MSA	721
Creek County	66
Osage County	43
Rogers County	54
Tulsa County	511
Wagoner County	48
Tuscaloosa, AL MSA	138
Tuscaloosa County	138
Tyler, TX MSA	141
Smith County	141
Utica-Rome, NY MSA	321
Herkimer County	67
Oneida County	254
Vallejo-Fairfield-Napa, CA PMSA	362
Napa County	101
Solano County	260
Vancouver, WA PMSA	202
Clark County	202
Victoria, TX MSA	76
Victoria County	76
Vineland-Millville-Bridgeton, NJ PMSA	133
Cumberland County	133
Visalia-Tulare-Porterville, CA MSA	265
Tulare County	265
Waco, TX MSA	178
McLennan County	178
Washington, DC-MD-VA MSA	3,370
Washington, DC	623
Calvert County, MD	38
Charles County, MD	79
Frederick County, MD	120
Montgomery County, MD	604
Prince Georges County, MD	674
Arlington County, VA	152
Fairfax County, VA	649
Loudoun County, VA	61
Prince William County, VA	160
Stafford County, VA	47
Alexandria city, VA	106
Fairfax city, VA	21
Falls Church city, VA	9
Manassas city, VA	17
Manassas Park city, VA	7
Waterbury, CT MSA	206
Litchfield County (pt.)	(NA)
New Haven County (pt.)	(NA)
Waterloo-Cedar Falls, IA MSA	163
Black Hawk County	138
Bremer County	25
Wausau, WI MSA	112
Marathon County	112
West Palm Beach-Boca Raton-Delray Beach, FL MSA	659
Palm Beach County	659
Wheeling, WV-OH MSA	182
Belmont County, OH	81
Marshall County, WV	41
Ohio County, WV	60
Wichita, KS MSA	429
Butler County	47
Sedgwick County	381
Wichita Falls, TX MSA	128
Wichita County	128
Williamsport, PA MSA	118
Lycoming County	118
Wilmington, DE-NJ-MD PMSA	534
New Castle County, DE	404
Cecil County, MD	64
Salem County, NJ	66
Wilmington, NC MSA	109
New Hanover County	109
Worcester, MA MSA	404
Worcester County (pt.)	(NA)
Yakima, WA MSA	177
Yakima County	177
York, PA MSA	388
Adams County	70
York County	318
Youngstown-Warren, OH MSA	522
Mahoning County	282
Trumbull County	240
Yuba City, CA MSA	108
Sutter County	56
Yuba County	52

NA Not available.

Source: U.S. Bureau of the Census, unpublished data.

APPENDIX III

Statistical Methodology and Reliability

Introduction.—The data presented in this *Statistical Abstract* came from many sources. The sources include not only Federal statistical bureaus and other organizations that collect and issue statistics as their principal activity, but also governmental administrative and regulatory agencies, private research bodies, trade associations, insurance companies, health associations, and private organizations such as the American Red Cross and philanthropic foundations. Consequently, the data vary considerably as to reference periods, definitions of terms and, for ongoing series, the number and frequency of time periods for which data are available.

The statistics presented were obtained and tabulated by various means. Some statistics are based on complete enumerations or censuses while others are based on samples. Some information is extracted from records kept for administrative or regulatory purposes (school enrollment, hospital records, securities registration, financial accounts, social security records, income tax returns, etc.), while other information is obtained explicitly for statistical purposes through interviews or by mail. The estimation procedures used vary from highly sophisticated scientific techniques, to crude "informed guesses".

Each set of data relates to a group of individuals or units of interest referred to as the *target universe* or *target population,* or simply as the *universe* or *population.* Prior to data collection the target universe should be clearly defined. For example, if data are to be collected for the universe of households in the United States, it is necessary to define a "household". The target universe may not be completely tractable. Cost and other considerations may restrict data collection to a *survey universe* of households on some available list, such list being inaccurate, out of date, defining "household" slightly differently, etc. This list is called a *survey frame* or *sampling frame.*

The data in many tables are based on data obtained for all population units, *a census,* or on data obtained for only a portion, or *sample,* of the population units. When the data presented are based on a sample, the sample is usually a scientifically selected *probability sample.* This is a sample selected from a list or sampling frame in such a way that every possible sample has a known chance of selection, and usually each unit selected can be assigned a number, between zero and one, representing its likelihood or probability of selection.

For large-scale sample surveys, the probability sample of units is often selected as a multistage sample. The first stage of a multistage sample is the selection of a probability sample of large groups of population members, referred to as primary sampling units (PSU's). For example, in a national multistage household sample, PSU's are often counties or groups of counties. The second stage of a multistage sample is the selection, within each PSU selected at the first stage, of smaller groups of population units, referred to as secondary sampling units. In subsequent stages of selection, smaller and smaller nested groups are chosen until the ultimate sample of population units is obtained. To qualify a multistage sample as a probability sample, all stages of sampling must be carried out using probability sampling methods.

Prior to selection at each stage of a multistage (or a single-stage) sample, a list of the sampling units or sampling frame for that stage must be obtained. For example, for the first stage of selection of a national household sample, a list of the counties and county groups that form the PSU's must be obtained. For the final stage of selection, lists of households, and sometimes persons within the households, have to be compiled in the field. If a single-stage sample of the Nation's hospitals is to be selected, a list of hospitals must be obtained to use as the sampling frame. Unfortunately, it is virtually impossible to obtain a complete, up-to-date frame for a hospital survey. This is a problem incurred for most surveys of institutions and for many other types of surveys as well.

Wherever the quantities in a table refer to an entire universe, but are constructed from data collected in a sample survey, the table quantities are referred to as *sample estimates.* In constructing a sample estimate, an attempt is made to come as close as is feasible to the corresponding universe quantity that would be obtained from a complete census of the universe. Estimates based on a sample will, however, generally differ from the hypothetical census figures. Two classifications of errors are associated with estimates based on sample surveys: (1) *sampling error*—the error arising from the use of a sample, rather than a census, to estimate population quantities and (2) *nonsampling error*—those errors arising from nonsampling sources. As discussed below, the magnitude of the sampling error for an estimate can usually be estimated from the sample data. However, the magnitude of the nonsampling error for an estimate can rarely be estimated. Consequently, actual error in an estimate exceeds the estimated error in the estimate.

The particular sample used in a survey is only one of a large number of possible samples of the same size which could have been selected using the same sampling procedure. Estimates derived from the different samples would, in general, differ from each other. The *standard error* (SE) is a measure of the variation among the estimates derived from all possible samples. The standard error is the most commonly used measure of the sampling error of an estimate. Valid estimates of the standard errors of survey estimates can usually be calculated from the data collected in a probability sample. For convenience, the standard error is sometimes expressed as a percent of the estimate and is called the relative standard error or *coefficient of variation* (CV). For example, an estimate of 200 units with an estimated standard error of 10 units has an estimated CV of 5 percent.

A sample estimate and an estimate of its standard error or CV can be used to construct interval estimates that have a prescribed confidence that the interval includes the average of the estimates derived from all possible samples with a known probability. To illustrate, if all possible samples were selected under essentially the same general conditions, and using the same sample design, and if an estimate and its estimated standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average estimate derived from all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimates to 1.6 standard errors above the estimate would include the average estimate derived from all possible samples.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average estimate derived from all possible samples.

Thus, for a particular sample, one can say with the appropriate level of confidence (e.g., 90% or 95%) that the average of all possible samples is included in the constructed interval. Example of a confidence interval: An estimate is 200 units with a standard error of 10 units. An approximately 90 percent confidence interval (plus or minus 1.6 standard errors) is from 184 to 216.

All surveys and censuses are subject to nonsampling errors. Nonsampling errors are two kinds—*random* and *nonrandom*. Random nonsampling errors arise because of the varying interpretation of questions (by respondents or interviewers) and varying actions of coders, keyers, and other processors. Some randomness is also introduced when respondents must estimate values. These same errors usually have a nonrandom component. Nonrandom nonsampling errors result from total nonresponse (no usable data obtained for a sampled unit), partial or item nonresponse (only a portion of a response may be usable), in ability or unwillingness on the part of respondents to provide correct information, difficulty interpreting questions, mistakes in recording or keying data, errors of collection or processing, and coverage problems (overcoverage and undercoverage of the target universe). Random nonresponse errors usually, but not always, result in an understatement of sampling errors and thus an overstatement of the precision of survey estimates. Estimating the magnitude of nonsampling errors would require special experiments or access to independent data and, consequently, the magnitudes are seldom available.

Nearly all types of nonsampling errors that affect surveys also incur in complete censuses. Since surveys can be conducted on a smaller scale than censuses, nonsampling errors can presumably be controlled more tightly. Relatively more funds and effort can perhaps be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can sometimes be more accurate than census results.

To compensate for suspected nonrandom errors, adjustments of the sample estimates are often made. For example, adjustments are frequently made for nonresponse, both total and partial. Adjustments made for either type of nonresponse are often referred to as *imputations*. Imputation for total nonresponse is usually made by substituting for the questionnaire responses of the nonrespondents the "average" questionnaire responses of the respondents. These imputations are usually made separately within various groups of sample members, formed by attempting to place respondents and nonrespondents together that have "similar" survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are "similar" to those of the nonrespondent.

For an estimate calculated from a sample survey, the *total error* in the estimate is composed of the sampling error, which can usually be estimated from the sample, and the nonsampling error, which usually cannot be estimated from the sample. The total error present in a population quantity obtained from a complete census is composed of only nonsampling errors. Ideally, estimates of the total error associated with data given in the *Statistical Abstract* tables should be given. However, due to the unavailability of estimates of nonsampling errors, only estimates of the levels of sam-

pling errors, in terms of estimated standard errors or coefficients of variation, are available. To obtain estimates of the estimated standard errors from the sample of interest, obtain a copy of the referenced report which appears at the end of each table.

Principal data bases—Beginning on page 886 are brief descriptions of 43 of the sample surveys and censuses that provide a substantial portion of the data contained in this *Abstract.*

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 1. POPULATION **U.S. Bureau of The Census** *Census of Population* See tables citing *Census of Population* in section 1 and also in sections 2, 5, 7, 9, 14, 15, 22, 28, and 32.	Complete count of U.S. population conducted every 10 years since 1790. Data obtained on number and characteristics of inhabitants.	In 1970 and 1980, complete census for some items—age, sex, race, marital status and relationship to household head. In 1970, other items collected from a 5% and a 15% probability (systematic) sample of the population. In 1980, approximately 19% of the housing units were included in the sample.
Current Population Survey (CPS) See tables citing *Current Population Reports* primarily in section 1, but also in sections 2, 4, 5, 9, 13, 14, 15, 24, and 32. Many Bureau of Labor Statistics' (BLS) tables in section 14 are CPS based.	Nationwide monthly sample survey of civilian noninstitutional population, 14 years old or over, to obtain data on employment, unemployment, and a number of other characteristics.	Multistage probability sample of about 70,000 households in 629 PSU's in 1983. Oversampling in some States and the largest SMSA's to improve reliability for those areas of employment data on annual average basis. A continual sample rotation system is used. Households are in sample 4 months, out for 8 months, and in for 4 more. Month-to-month overlap is 75%; year-to-year overlap is 50%.
SECTION 2. VITAL STATISTICS **U.S. National Center for Health Statistics** *Vital Registration System* See tables citing *Vital Statistics of the United States,* 283 and 284 in section 6; 1042 in section 22; and 1456 in section 32.	Annual data on births and deaths in the United States.	Mortality data based on complete file of death records, except 1972, based on 50% sample. Natality statistics for most years, 1951–1971, based on 50% sample of birth records received by NCHS. Beginning 1972, data from some States received through Vital Statistics Cooperative Program and complete file used; data from other States based on 50% sample.
SECTION 4. HEALTH AND NUTRITION U.S. National Center for Health Statistics *National Health Interview Survey (NHIS)* See tables 161, 162, 178, 179, 182–186, 188, and 193 and, in section 5, table 218. (See section 1 above for information pertaining to tables 88–93.)	Continuous data collection covering the civilian noninstitutional population to obtain information on personal and demographic characteristics, illnesses, injuries, impairments, chronic conditions, and other health topics.	Multistage probability sample of 42,000 households (in 376 PSU's) selected in groups of about four geographically adjacent households.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
In 1970, extensive use of mail questionnaires in urban areas; personal interviews in most rural areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Extensive telephone and personal followup for nonrespondents done in both censuses. Imputations made for missing characteristics.	Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area.	Evaluation programs are currently being conducted to provide information on the magnitude of some sources of nonsampling errors such as response bias and undercoverage in the 1980 census.	U.S. Bureau of the Census, *Estimates of Coverage of the Population by Sex, Race, and Age: Demographic analysis*, PHC(E)-4; *Census of Population:* 1970 PC(1)-C, Appendix C; and *1980 Census of Population*, vol. 1, (PC80-1), Appendixes B, C, and D.
For first and fifth months that a household is in sample, personal interviews; other months, approximately, 85% of the data collected by phone. Imputation is done for both item and total nonresponse. Adjustment for total nonresponse is done by a predefined cluster of units, by race and residence; for item nonresponse imputation varies by subject matter.	Estimated CV on annual averages for labor force, total employment, and non-agricultural employment, .2%; for total unemployment and agricultural employment, 1.0% to 2.5%.	Estimates of response bias on unemployment are not available, but estimates of unemployment are usually 5% to 9% lower than estimates from reinterviews. Four to 5.0% of sample households unavailable for interviews.	U.S. Bureau of the Census and Bureau of Labor Statistics, *Concepts and Methods Used in Labor Force Statistics from Current Population Survey* (Census series P-23, No. 62; BLS report No. 463) and Bureau of the Census, *Current Population Survey* (Tech. Paper 40).
Reports based on records from registration offices of all States, District of Columbia, New York City, Puerto Rico, Virgin Islands, and Guam.	For recent years, CV's for births are small due to large portion of total file in sample (except for very small estimated totals).	Data on births and deaths believed to be at least 99% complete.	U.S. National Center for Health Statistics, *Vital Statistics of the United States,* vol. I and vol. II, annual, and *Monthly Vital Statistics Report.*
Personal household interviews. Extensive followup of nonrespondents. Data adjusted for nonresponse by imputation procedure based on "average" characteristics of persons in interviewed households in same geographic area.	Estimated CV's: For physician visits by males, 1.5%; for workdays lost by males, 3.5%; for persons injured at home, 4.7%.	Response rate was 97% in 1981.	U.S. National Center for Health Statistics, "Current Estimates from the National Health Interview Survey, U.S., 1981," Vital and Health Statistics, series 10—No. 141, DHEW No. (PHS) 82-1569, Oct. 1982.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 4. HEALTH AND NUTRITION—Con		
U.S. National Center for Health Statistics—Continued *National Master Facility Inventory (NMFI)* See tables 165, 174, and 175.	Periodic surveys of nursing and related care homes with 3 or more beds and other inpatient health facilities to update file. Information obtained on names, locations, and types of facilities, and number of beds and residents or patients.	Complete census of eligible institutions. Comprehensive file periodically updated to include names and addresses of newly established inpatient facilities from State licensing agencies.
(See section 1 above for information pertaining to tables 152 and 156 and section 16 pertaining to table 151.)		
SECTION 5. EDUCATION		
U.S. National Center for Education Statistics (NCES) *Revenues and Expenditures for Public Elementary and Secondary Education* See tables 204, 205, 219, and 230, and in section 32, table 1457.	Annual survey of State education agencies to obtain data on revenues and expenditures for public elementary and secondary education. Includes the 50 States, District of Columbia, and the outlying areas.	Complete census; however, data are extracted by State education agencies from fiscal reports submitted by local education agencies.
Statistics of Public Elementary and Secondary School Systems See tables in section 5 which present data from NCES pertaining to State public school systems.	Annual survey of State education agencies to obtain data on pupils enrolled, staff employed, and number of schools. Includes the 50 States, District of Columbia, and the outlying areas.	Complete census; however, data are extracted by State education agencies from fall reports submitted by local education agencies.
Higher Education General Information Survey (HEGIS) A. *Institutional Characteristics of Colleges and Universities* See tables 203 and 258.	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on characteristics of institutions including control (public or private), type (university, other four-year, and two-year) and student charges.	Complete census.
B. *Fall Enrollment in Institutions of Higher Education* See tables 210, 247, 248, 253, and 255	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on total enrollment by sex, level of enrollment, type of program, racial/ethnic characteristics (in alternate years) and attendance status of student, and on first-time students.	Complete census.
C. *Financial Statistics of Institutions of Higher Education* See tables 204, 205, 247, and 256.	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on financial status and operations, including current funds revenues, current funds expenditures, and physical plant assets.	Complete census.
D. *Degrees and Other Formal Awards Conferred* See tables 244 and 265-267.	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on earned degrees and other formal awards, conferred by field of study, level of degree, sex, and by racial/ethnic characteristics (in alternate years).	Complete census.
(See sections 1 and 10 for information pertaining to the Bureau of the Census and section 4 above for the National Center for Health Statistics.)		

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Mail questionnaires to facilities. Missing questionnaire items imputed by using either previously reported information or by using current data from similar responding facilities.	Not applicable.	In 1976, coverage was 98% complete for nursing care and related homes and other custodial or remedial care facilities.	U.S. National Center for Health Statistics, "Design and Methodology of the 1967 Master Facility Inventory Survey," *Vital and Health Statistics,* series 1—No. 9, PHS Pub. No. 1000, Jan. 1971.
Mail survey with followup for nonresponse through direct contact of other records.	Not applicable.	Some distortion in expenditures by function due to variations in State accounting systems.	U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education,* annual.
Mail survey. Imputations for missing data included in national totals; imputations are derived based on data reported over previous 5 years.	Not applicable.	Deviations from State to State, or year to year arise from differences in definitions, and instructions used by State education agencies.	U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems,* annual.
Survey package usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.	Not applicable.	Nearly 100% response rate.	U.S. National Center for Education Statistics, *Education Directory, Colleges and Universities,* annual.
See above.	Not applicable.	Approximately 98% response rate.	U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education,* annual.
See above.	Not applicable.	For 1979, a 91.7% response rate. Imputed expenditures amounted to about 2.8% of total expenditures.	U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education,* annual.
See above.	Not applicable.	Approximately 99% response rate.	U.S. National Center for Education Statistics, *Earned Degrees Conferred,* annual.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 6. LAW ENFORCEMENT, COURTS, AND PRISONS		
U.S. Federal Bureau of Investigation *Uniform Crime Reporting (UCR) Program* See tables 275–279 and 285–290, and 292–295.	Monthly reports on the number of criminal offenses that become known to law enforcement agencies. Data collected on crimes cleared by arrest, by age, sex, race, and ethnic origin of offender, and on assaults on law enforcement officers.	Crime statistics based on reports of crime data submitted either directly to the FBI by contributing law enforcement agencies or through cooperating State UCR programs.
U.S. Bureau of Justice Statistics (BJS) *National Crime Survey* See tables 280–282.	Monthly survey of individuals and households in the U.S. to obtain data on criminal victimization of those units for compilation of annual estimates.	National probability sample survey of about 60,000 interviewed households in 376 PSU's selected from a list of addresses from the 1970 census, supplemented by new construction permits and an area sample where permits are not required.
(See section 2 for details on tables 283 and 284 and section 10 for details on tables 298 and 299.)		
SECTION 9. ELECTIONS		
(See section 1 above for information pertaining to tables 426 and 427.)		
SECTION 10. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT		
U.S. Bureau of the Census *Census of Governments* *See tables in section 10 citing Census of Governments;* in section 5, table 229; and in section 13, table 620.	Survey of all governmental units in the U.S. conducted every 5 years to obtain data on government revenue, expenditures, debt, employment and employee-retirement systems, property values, public school systems, and number, size, and structure of governments.	Complete census. List of units derived through classification of government units recently authorized in each State and identification, counting, and classification of existing local governments and public school systems.
Annual Surveys of State and Local Government *See tables citing Public Employment* and *Governmental Finances* in section 10; table 229 in section 5; tables 298 and 299 in section 6; and table 620 in section 13.	Sample survey conducted annually to obtain data on revenue, expenditure, debt, and employment of State and local governments. Universe is all governmental units in the U.S. (about 82,000).	Sample of about 16,000 units includes all State governments, county governments with 50,000+ population, municipalities with 25,000+ population, and other governments meeting certain financial criteria; probability sample for remaining units. A supplemental survey provides complete coverage of 39,000 local government units for data on taxes and intergovernment revenue.
SECTION 11. FEDERAL GOVERNMENT		
U.S. Internal Revenue Service *Statistics of Income* *Individual Income Tax Returns* See tables 507–511 and 513–515.	Annual study of unaudited individual income tax returns, Forms 1040 and 1040A, filed by U.S. citizens and residents. Data provided on various financial characteristics by size of adjusted gross income, marital status, State of residence, and by taxable and nontaxable returns.	Stratified probability sample of 171,700 returns for tax year 1980 broken into sample strata based on State groupings and on combinations of adjusted gross income or deficit, or the largest of specific income or loss items, and business plus farm receipts. Sampling rates for sample strata varied from .05% to 100%.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
States with UCR programs collect data directly from individual law enforcement agencies and forward reports, prepared in accordance with UCR standards, to FBI. Accuracy and consistency edits performed by FBI.	Not applicable.	Coverage of 97% of the population (98% in SMSA's, 94% in "other cities," and 90% in rural areas) by UCR Program, though varying number of agencies report. Some error present through incorrect reporting.	U.S. Federal Bureau of Investigation, *Crime in the United States.*
Interviews are conducted every 6 months for 3 years for each household in sample; 10,000 households interviewed monthly. Personal interviews are used in the first, third, fifth, and seventh interviews; the intervening interviews are conducted by telephone whenever possible.	CV's in 1982: 12.5% for estimate of rape counts; 4.2% for robbery counts; 2.1% for assault counts; 1.2% for personal larceny counts; 1.8% for burglary counts; 1.5% for household larceny; and 4.1% for motor vehicle theft counts.	Respondent recall errors which may include reporting incidents for other than the reference period; interviewer coding and processing errors; and possible mistaken reporting or classifying of events. Adjustment is made for a household noninterview rate of about 4% and for a smaller within-household noninterview rate.	U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States,* annual.
Field compilation of financial data from official records and reports for States and large local governments; central collection of local governmental financial data through a number of State governments; mail canvass of other units, with mail and telephone followups.	Not applicable.	Some response errors may arise due to respondents interpretation of definitions and instructions.	U.S. Bureau of the Census, *Census of Governments, 1982,* various reports.
Field compilation of financial data from official records and reports for States and large local governments; central collection of local governmental financial data through a number of State governments; mail canvass of other units with mail and telephone followups of nonrespondents. Data for nonresponses imputed from previous year data.	CV for estimates of major employment and financial items are generally less than 2% for most States and less than 1% for the majority of States.	Nonresponse rate about 15% for number of units (about 5% for value items). Other possible errors may result from undetected inaccuracies in classification, response, and processing.	U.S. Bureau of the Census, *Public Employment in 1983,* GE 83, No. 1, and *Governmental Finances in 1982-83,* GF 82, No. 5.
Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated CV's for tax year 1980 (1981 and 1982 not available): Number of returns in subgroups, ranged from .8% for returns under $5,000 to .2% for returns over $500,000; and from less than .05% for 17 different States to 2.2% for DC for adjusted gross income less deficit, .1%; and amount of income tax, .2%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns,* annual.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 11. FEDERAL GOVERNMENT—Continued		
U.S. Internal Revenue Service— Continued		
Corporation Income Tax Returns *See tables 517 and 518 and in section 15, tables 868, 869, 871, 872, and 888-891.*	Annual study of unaudited corporation income tax returns, Forms 1120 and 1120 (L, M, S, F, or DISC), filed by corporations or businesses legally defined as corporations. Data provided on various financial characteristics by industry and size of total assets, business receipts; taxable income, and income tax.	Stratified probability sample of 85,600 returns in 1979, broken into sample classes generally based on type of return, size of total assets, and size of net income or deficit (except Form 1120 DISC). Sampling rates for sample strata varied from .4% to 100%.
SECTION 13. SOCIAL INSURANCE AND HUMAN SERVICES		
U.S. Social Security Administration		
Benefit Data. *See tables 606-609.*	All persons receiving monthly benefits under Title II of Social Security Act. Data on number and amount of benefits paid by type and State.	Data based on administrative records.
Supplemental Security Income Program (SSI) See tables 637-641.	All eligible aged, blind, or disabled persons receiving SSI benefit payments under SSI program. Data include number of persons receiving federally administered SSI, amounts paid, and State administered supplementation.	Data based on administrative records.
(See section 1 above for information pertaining to the Current Population Survey and section 10 for information pertaining to Annual Surveys of State and Local Government.)		
SECTION 14. LABOR FORCE, EMPLOYMENT, AND EARNINGS		
U.S. Bureau of Labor Statistics (BLS)		
Current Employment Statistics Program (CES) See tables 688-690, 694, and 696; in section 22, 1020; in section 23, table 1081; and in section 25, table 1201.	Monthly survey covering about 4 million nonagricultural establishments to obtain data on employment, hours, and earnings, by industry.	Probability sample survey of about 195,000 establishments in March 1983.
(See section 1 above for information pertaining to the Current Population Survey.)		
SECTION 15. INCOME, EXPENDITURES, AND WEALTH		
(See section 1 above for information pertaining to the Bureau of the Census.)		
SECTION 16. PRICES		
U.S. Bureau of Labor Statistics (BLS)		
Consumer Price Index (CPI) See tables 776, 777, 789-791, 793, 794, 798, 802, and 803, and in section 4, table 151.	Monthly survey of price changes of all types of consumer goods and services purchased by urban wage earners and clerical workers prior to 1978, and urban consumers thereafter.	Prior to 1978, sample of various consumer items in 56 urban areas; thereafter, in 85 PSU's.
Producer Price Index (PPI) See tables 776-780, and 782-785; in section 25, table 1204; and in section 28, table 1290.	Monthly survey of producing companies to determine price changes of all commodities produced or imported for sale in commercial transactions in primary markets in the U.S. Data on agriculture, forestry, fishing, manufacturing, mining, gas, electricity, and public utilities.	Nonprobability sample of 2,800 commodities and about 10,000 respondents.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
See above.	Estimated CV's for 1979 (1981 not available): Number of returns in subgroups ranged from 1.5% with assets under $100,000, to 0% with assets over $25 mil.; for amount of net income and amount of income tax, .1%.	See above.	U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.
Records used consist of actions pursuant to applications for benefits, updated by subsequent post-entitlement actions.	Not applicable.	Processing errors, which are believed to be small.	U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*
Data adjusted to reflect returned checks and overpayment refunds. For federally administered, actual adjusted amounts used; for State administered, payments deflated for average rate across all States.	Not applicable.	See above.	See above.
Cooperating State agencies mail questionnaires to sample establishments to develop State and local estimates; information forwarded to BLS where national estimates are prepared.	Estimated CV's in 1983 for average weekly hours paid, .1%; for average hourly earnings, .2%.	Incorrect responses believed to be somewhat offsetting. Estimates of employment adjusted annually to reflect complete universe. Average adjustment of .2%.	U.S. Bureau of Labor Statistics, *Employment and Earnings,* Explanatory Data, tables I–O and *BLS Handbook of Methods,* Bulletin 2134-1 (Dec. 1982).
Prices of 400 items obtained from about 2,300 food outlets, 16,000 rental units, 16,000 housing units (for property taxes), and 22,300 other reporters in 85 areas. Prices of most goods and services obtained monthly in the 5 largest areas and every 3 months in others.	Estimates of standard errors are not available at present.	Errors result from inaccurate reporting, difficulties in defining concepts and their operational implementation, lack of systematic method for incorporating new outlets in the sample, and introduction of product quality changes and new products.	U.S. Bureau of Labor Statistics, *The Consumer Price Index: Concepts and Content Over the Years.* Report 517. See also text, pp. 465 and 466.
Data collected by mail. If transaction prices not supplied, list prices used. Some prices obtained from trade publications, organized exchanges, and government agencies. To calculate index, price changes multiplied by their relative weights based on total net selling value of all commodities in 1972.	Not applicable.	Transaction prices at time of shipment not always available, so list and order prices sometimes used. Only about half of the total value of the mining and manufacturing sectors covered by current program. Double counting bias present because gross shipment values are used as weights.	U.S. Bureau of Labor Statistics, *BLS Handbook of Methods,* Bulletin 2134-2.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 18. BUSINESS ENTERPRISE		
U.S. Internal Revenue Service		
Statistics of Income		
Sole Proprietorship Returns	Annual study of unaudited income tax returns of nonfarm sole proprietorships, Form 1040 with business or farm schedules. Data provided on various financial characteristics by industry, size of business receipts, and adjusted gross income.	Stratified probability sample of 55,000 sole proprietorships in tax year 1981. The sample is broken into sample classes based on type of return and on combinations of adjusted gross income or the largest of specific income or loss items and receipts.
See tables 868, 869, 871, and 872.		
Partnership Returns	Annual study of unaudited income tax returns of partnerships, Form 1065. Data provided on various financial characteristics by industry and size of business receipts, and total assets (partnerships only).	Stratified probability sample of 40,400 partnership returns filed for tax year 1981. The sample is broken into sample classes based on combinations of gross receipts, total income or loss, and total assets, and on industry. Sampling rates vary from .3% to 100%.
See tables 868, 869, 871, and 872.		
(See section 11 above for information pertaining to the Internal Revenue Service and section 29 below for table 887.)		
SECTION 19. COMMUNICATIONS		
(See section 29 for information pertaining to table 936.)		
SECTION 20. ENERGY		
U.S. Energy Information Administration		
Residential Energy Consumption Survey	Annual survey of households and fuel suppliers. Data obtained on energy-related household characteristics, housing unit characteristics, use of fuels, and energy consumption and expenditures by fuel type.	Probability sample of 6,841 eligible units in 131 PSU's. For responding units, fuel consumption and expenditure data obtained from fuel suppliers to those households.
See tables 958 and 959 and tables 1320-1322 in section 28.		
SECTION 22. TRANSPORTATION—LAND		
(See section 1 above for information pertaining to tables 1054 and 1055; section 2 for table 1042; and section 16 for table 1066.)		
SECTION 23. TRANSPORTATION—AIR AND WATER		
U.S. Bureau of the Census		
Foreign Trade—Export Statistics	The export declarations collected by Customs are processed each month to obtain data on the movement of U.S. merchandise exports to foreign countries. Data obtained include value, quantity, and shipping weight of exports by commodity, country of destination, Customs district of exportation, and mode of transportation.	Shipper's Export Declarations are required to be filed for the exportation of merchandise valued over $500. Customs officials collect and transmit the documents to the Bureau of the Census on a flow basis for data compilation. Probability sampling is used in the compilation process for low-value shipments, i.e., shipments to Canada valued $501-$1,999 which account for less than 1% of total exports.
See Bureau of the Census citations for export statistics in source notes in sections 23 and 31 and also tables 1232, 1233, 1246, and 1467.		

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated CV's tax year 1981: For sole proprietorships, number of businesses, .1%; business receipts, .9%; and net income, .8%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns* and *Statistics of Income Bulletin.*
Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated upper limit CV's tax year 1981: For number of partnerships, 1.5%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, *Statistics of Income, Partnership Returns* and *Statistics of Income Bulletin.*
Personal interviews. Extensive followup of nonrespondents including mail questionnaires for some households. Adjustments for nonrespondents were made in weighting for respondents. Item nonresponse resulted in imputation or placement in "don't know" response.	Estimated CV's for household averages: For consumption, 1.8%; for expenditures, 1.4%; for various fuels, values ranged from 1.8% for electricity to 6.8% for LPG.	Household response rate of 91.6%. Non-consumption data were mostly imputed for mail respondents (4.9% of eligible units). Complete responses from fuel suppliers for various fuels ranged from 80.8% for electricity to 46.7% for fuel oil and kerosene.	U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1, 1981 through March 1982.*
Statistical copies of Shipper's Export Declarations received on a daily basis from Customs ports throughout the country are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued $500 and over, and in the case of exports to Canada, $2,000 and over. Estimates for shipments valued at $500 or less are made, based on established percentages of individual country totals.	Estimated CV's for total value of exports about .1% and, for major commodity groupings, about 1%. CV's less than 1% for total value over $10 million, less than 2% for totals between $3 million and $10 million, and less than possible errors due to rounding for value less than $3 million.	Clerical and complex computer checks intercept most processing errors and minimize otherwise significant reporting errors; other nonsampling errors are caused by undercounting of exports to Canada due to the nonreceipt of some Shipper's Export Declarations.	U.S. Bureau of the Census, *U.S. Exports, Schedule E, Commodity by Country,* FT 410.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 23. TRANSPORTATION—AIR AND WATER—Continued		
U.S. Bureau of the Census— Continued		
Foreign Trade—Import Statistics See Bureau of the Census citations for import statistics in source notes in sections 23 and 31 and also tables 1232, 1233, 1246, and 1467.	The import entry documents collected by Customs are processed each month to obtain data on the movement of merchandise imported into the United States. Data obtained include value, quantity, and shipping weight by commodity, country of origin, Customs district of entry, and mode of transportation.	Import entry documents are required to be filed for the importation of goods into the United States. Customs officials collect and transmit statistical copies of the documents to the Bureau of the Census on a flow basis for data compilation. Estimates for shipments valued at $250 or less are based on established percentages of individual country totals.
(See section 14 for information pertaining to table 1081.)		
SECTION 24. AGRICULTURE		
U.S. Department of Agriculture, Statistical Reporting Service (SRS)		
Basic Area Frame Sample See tables citing SRS in source notes in section 24 and table 1369, which pertain to this or the following two surveys.	Three annual sample surveys of U.S. farm operators: June survey collects data on planted acreage and livestock inventories; December survey collects data on livestock inventories and fall-seeded crop acreage and a February expenditure survey that collects data on total production costs.	Stratified probability sample of about 16,000 land area units of about 1 sq. mile (range from .1 sq. mile in cities to several sq. miles in open grazing areas). Sample includes 60,000 parcels of agricultural land. About 20% of the sample replaced annually.
Multiple Frame Surveys	Surveys of U.S. farm operators to obtain data on major livestock inventories, selected crop acreages and production, and farm labor characteristics; and to obtain farm economic data for price indexing.	Primary frame from general or special purpose lists, supplemented by a probability sample of land areas used to estimate for list incompleteness.
Objective Yield Surveys	Surveys for data on corn, cotton, potatoes, soybeans, and wheat to forecast and estimate yields.	Random location of plots in probability sample of fields. Fields selected in June or December from Basic Area Frame Sample (see above).
(See section 1 above for information pertaining to the Census of Population and Current Population Survey and section 29 for information pertaining to table 1148.)		
SECTION 28. CONSTRUCTION AND HOUSING		
U.S. Bureau of the Census		
Census of Construction Industries See table 1289 and, in section 32, table 1497.	Census every five years. In 1982, it covered all establishments primarily engaged in contract construction, in construction for sale on their own account (operative builders), or in subdividing real property into lots (approximately 498,000 establishments with paid employees; 855,000 without paid employees).	Probability sample of 172,000 establishments, which comprised all medium and large size employers in the universe and a probability sample of small employers. Also, all 855,000 establishments without paid employees are included in the coverage through administrative records.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Statistical copies of import entry documents, received on a daily basis from Customs ports of entry throughout the country, are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued at $251 and over.	Not applicable.	Verification of statistical data reporting by Customs officials prior to transmittal and a subsequent program of clerical and computer checks hold nonsampling errors arising from reporting and/or processing errors to a minimum.	U.S. Bureau of the Census, *U.S. General Imports, Schedule A, Commodity by Country*, FT 135.
Data collection by personal enumeration. Imputation based on enumerator observation or data reported by respondents having similar agricultural characteristics.	Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock inventories.	Minimized through rigid quality controls on the collection process and careful review of all reported data.	U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, Miscellaneous Publication No. 1308, July 1975.
Mail or personal interviews used for initial data collection. Mail nonrespondent followup by phone and personal interviews. Imputation based on average of respondents.	Estimated CV for number of hired farm workers is about 3%. See above for CV's of other national and State estimates.	In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.	See above.
Enumerators count and measure plant characteristics in sample fields. Production measured from plots at harvest. Harvest loss measured from post harvest gleanings.	CV's for national estimates of production are about 2-3%.	See above.	See above.
Survey data for employers collected by questionnaire. IRS business tax forms used for establishments without paid employees. Followup on problems with questionnaire responses. Within industry, by State cross-classifications, missing data imputed based on relationships of known responses to administrative data.	Estimated CV of about 1% at national level for estimated totals of all construction and about .5% for construction subindustries.	Response rate 80% to 85% for most items. Computer scan used to identify incomplete questionnaires for review.	U.S. Bureau of the Census, *Census of Construction Industries, 1982*, vol. I, Industry series.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 28. CONSTRUCTION AND HOUSING—Continued		
U.S. Bureau of the Census—Continued		
Monthly Survey of New Construction See tables 1300, 1301, 1303–1305, and 1307.	Survey conducted monthly of newly constructed housing units (excluding mobile homes, and nonhousekeeping residential buildings such as motels, hotels, courts and cabins). Data collected on the start, completion, and sale of housing. (Annual figures are aggregates of monthly estimates.)	Probability sample of housing units obtained from building permits selected from 14,000 permit-issuing places through 1978 and, beginning in 1979, 16,000 places. For nonpermit places, multistage probability sample of new housing units selected in 137 PSU's. In those areas, "knowledgeable" persons provide list of housing starts verified by phone or visit; areas also canvassed.
Value of New Construction Put in Place See tables 1292–1295.	Survey conducted monthly on total value of all construction put in place in the current month, both public and private projects. Construction values include costs of materials and labor, contractors' profits, overhead costs, cost of architectural and engineering work, and miscellaneous project costs. (Annual figures are aggregates of monthly estimates.)	Varies by type of activity: Total cost of private one-family houses started each month is distributed into value in place using fixed patterns of monthly construction progress; using a multistage probability sample, data for private multifamily housing are obtained by mail from owners of multiunit projects. Data for residential additions and alterations are obtained in a quarterly survey measuring expenditures; monthly estimates are interpolated from quarterly data. Estimates of value of private nonhousekeeping, nonresidential buildings, and State and local government construction are obtained by mail from owners (or agents) for a probability sample of projects. Estimates of farm nonresidential construction expenditures are based on U.S. Department of Agriculture annual estimates of construction; public utility estimates are obtained from reports submitted to Federal regulatory agencies and from private utility companies; estimates for all other private construction (nonbuilding) are obtained by phasing F. W. Dodge contract award data; estimates of Federal construction are based on monthly data supplied by Federal agencies.
Census of Housing See tables 1310–1319 and 1330.	Census of all occupied and vacant housing, excluding group quarters, conducted every 10 years as part of the decennial census (see section 1 above) to determine characteristics of U.S. housing.	For 1970 and 1980, a complete count of 12 housing items. In 1970, other items collected from 5% and 15% probability samples selected from two sets of detailed questions on housing (these two sets having some common items). In 1980, approximately 19% of the housing units were included in the sample.
Annual Housing Survey See tables citing Annual Housing Survey in source notes.	Conducted nationally in the fall of each year to obtain data on the approximately 92 million occupied or vacant housing units in the U.S. (group quarters are excluded). Data include characteristics of occupied housing units, housing inventory changes, vacant units, new housing and mobile home units, financial characteristics, recent mover households, housing and neighborhood quality indicators and energy characteristics.	The national sample was a multistage probability sample with about 78,600 units eligible for interview in 1983. Sample units, selected within 461 PSU's, were surveyed over a 3-month period.

(See section 1 above for information pertaining to the Census of Population and section 16 pertaining to table 1320.)

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Data obtained by telephone inquiry and field visit.	Estimated CV of 3% to 4% for estimates of national totals; as high as 20% for estimated totals of more detailed characteristics, such as residential multiunit structures.	Response rate over 90% for most items. Non-sampling errors attributed to definitional problems, differences in interpretation of questions, incorrect reporting, inability to obtain information about all cases in the sample, and processing errors.	U.S. Bureau of Census, *Construction Reports,* series C20, *Housing Starts;* C22, *Housing Completions;* C25, *New One-Family Houses Sold and For Sale;* and C27, *Price Index of New One-Family Houses Sold.*
See "Type of Data Collection Operation." Imputation accounts for approximately 20% of estimated value of construction each month.	CV estimates for private nonresidential building construction range from 3% for estimated value of industrial buildings to 10% for miscellaneous buildings. CV approximately 2% for total new private nonresidential buildings.	For directly measured data series based on samples, some nonsampling errors may arise from processing errors, imputations, and misunderstanding of questions. Indirect data series are dependent on the validity of the underlying assumptions and procedures.	U.S. Bureau of the Census, *Construction Reports,* series C30, *Value of New Construction Put in Place.*
In 1970, a self-enumeration census using a mail-out/mail-back procedure used in most areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Followup for nonrespondents and identification of vacant units done by phone and personal visit.	Evaluation programs are currently being conducted to provide information on the magnitude of both sampling (for sample items) and nonsampling errors in the 1980 census, including undercount (undercount of housing units in 1970 was estimated to be 1.4 percent).		U.S. Bureau of the Census, *U.S. Census of Population and Housing: Procedural History, 1960 and 1970;* and *1980 Census of Housing,* vol. 1, (HC80-1-A), Appendixes B, C, and D.
For 1983, about 90% of the survey was conducted by personal interviews with subsequent followup by telephone or personal visit. The remaining 10% of the sample was conducted by telephone interview.	For the national sample, illustrations of the S.E. of the estimates are provided in the appendix of each report. As an example, the estimated CV is about .4% for the estimate of the number of owner occupied housing units.	Response rate about 94%. Errors result from incorrect or incomplete responses, errors in coding and recording, and processing errors. For the 1983 national sample, about 555,600 units were not included in the sample coverage. A reinterview study also indicates some inconsistencies in the data, especially in some attitudinal items.	U.S. Bureau of the Census, *Current Housing Reports,* series H-150 and H-170, Annual Housing Survey.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 29. MANUFACTURES **U.S. Bureau of the Census**		
Census of Manufactures See tables citing *Census of Manufactures* in source notes in section 29 and also tables 887, 936, 1148, 1466, and 1469.	Conducted every five years to obtain information on labor materials, capital input and output characteristics, plant location, and legal form of organization for all plants in the United States with one or more employees. Universe was 350,000 manufacturing firms in 1977.	Complete enumeration of data items obtained from 205,000 firms. Administrative records from Internal Revenue Service and Social Security Administration used for 145,000 smaller single-unit firms, which were determined by various cutoffs based on size and industry.
Annual Survey of Manufactures See tables citing *Annual Survey of Manufactures* in source notes in section 29 and also table 1148.	Conducted annually to provide basic measures of manufacturing activity for intercensal years for all manufacturing establishments having one or more paid employees.	Sampling frame is 350,000 firms in the 1977 Census of Manufacturers (see above), supplemented by Social Security Administration lists of new manufacturers and new manufacturing establishments of multi-establishment companies identified by the Census Bureau's Company Organization Survey from which a probability sample of 55,000 establishments is selected. All establishments with 250+ employees are included along with a probability sample of smaller establishments.
(See section 24 above for information pertaining to table 1369.)		
SECTION 30. DOMESTIC TRADE AND SERVICES **U.S. Bureau of the Census**		
Census of Wholesale Trade, Census of Retail Trade, Census of Service Industries See tables citing the above censuses in source notes in section 30 and tables 1465 and 1469 in section 32.	Conducted every five years to obtain data on number of establishments, number of employees, total payroll size, and total sales. In 1977, universe was all employer establishments primarily engaged in wholesale trade, and employer and nonemployer establishments in retail trade or service industries. In 1982, data for service industries are available for employer establishments only; for retail trade summary data for all establishments are available; kind of business detail is available only for establishments with payroll.	All wholesale firms with paid employees surveyed; all large retail and service firms with 4+ paid employees surveyed plus a sample of smaller firms. Firms with no employees were not required to file a census return.
Annual Surveys See tables 1398–1402, 1413, 1414, and 1418.	Annual surveys to obtain estimates of retail and wholesale sales and end-of-year inventories in the U.S. represent all employers and nonemployer retail establishments operating during the calendar year. Service survey for receipts began in 1982.	Probability sample comprised firms in the sample of the Current Business Surveys; see below.
Current Business Surveys See tables 1398–1402, 1413, 1414, and 1418.	Provides monthly estimates of retail sales by kind of business and geographic area, and end of month inventories of retail stores; wholesale sales and end-of-month inventories; and receipts of selected service industries (Service monthly survey discontinued after Dec. 1981.)	Probability sample of firms from a list frame and for retail and service an area frame. List frame is the Bureau's Standard Statistical Establishment List (SSEL) updated quarterly for recent "births" from the Social Security Administration list of establishments having an employer identification number. The largest firms are included monthly; a sample of others is included *every three months on a rotating basis.* The area frame covers businesses not subjected to sampling on the list frame.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Five mail and telephone followups for larger nonrespondents. Data for small single-unit firms (generally those with fewer than 10 employees) not mailed census questionnaires are estimated from administrative records of IRS and SSA. Data for nonrespondents imputed from related responses or administrative records from IRS and SSA. Approximately 3.7% of total value of shipments was represented by fully imputed records in 1977.	Not applicable.	Based on evaluation studies, estimates of nonsampling errors for 1972 were about 1.3% for estimated total payroll; 2% for total employment; and 1% for value of shipments. Estimates for 1977 are not available.	U.S. Bureau of the Census, *Census of Manufactures, 1977*, vol. I, *Subject and Special Statistics.*
Survey conducted by mail with phone and mail followups of nonrespondents. Imputation (for all nonresponse items) based on previous year reports, or for new establishments in survey, on industry averages.	Estimated CV's for number of employees and for value added totals given in annual publications. For State totals, most estimated CV's are 2% or less, but vary considerably for detailed characteristics.	Response rate about 85%. Nonsampling errors include those due to collection, reporting, and transcription errors, many of which are corrected through computer and clerical checks.	U.S. Bureau of the Census, *Annual Survey of Manufactures,* and Technical Paper 24.
Mail and telephone followups for nonrespondents. Data for nonrespondents and "nonselected" firms in retail trade and service industries are imputed from administrative records of IRS and the Social Security Administration. Imputation from related responses or administrative records from IRS or SSA.	Not applicable.	Response rate in 1977 of 85% for single establishment firms; 92% for multi-establishment firms. Item response ranged from 60% to 90% with higher rates for less detailed questions.	U.S. Bureau of the Census, Appendix A of *Census of Retail Trade*, vol. I; *Census of Service Industries*, vol. I; *Census of Wholesale Trade*, vol. I; and *History of the 1977 Economic Censuses*, December 1980.
Survey questionnaire mailed early in year and followed by mail and phone followups. Missing data are imputed from administrative records of IRS and the Social Security Administration. Imputation from related responses or administrative records also from IRS or SSA.	CV's for total retail and wholesale estimates of sales and inventories and service receipts are about 1%. For more detailed estimates by kind of business, or geographic areas, estimated CV's range up to 8%.	Imputation rates are about 6%–8% for annual retail sales and inventory, and about 9%–11% for annual wholesale sales and inventory. For service receipts, rate is 6%.	U.S. Bureau of the Census, *Current Business Reports, 1982 Retail Trade* and *1982 Wholesale Trade* and *Service Annual Survey.*
Data collected by mail with telephone followup for nonrespondents. Imputation made for each nonresponse item and each item failing edit checks.	CV's about .8% for estimated total retail sales, 2.4% for wholesale sales, 2.0% for wholesale inventories, and 1.5% for selected service receipts. Sampling errors shown in monthly publications.	Imputation rates are about 10%–15% for monthly retail sales, wholesale sales, and selected services receipts and about 20%–25% for monthly wholesale inventories.	U.S. Bureau of the Census, *Current Business Reports, Monthly Retail Trade, and Monthly Wholesale Trade. Monthly Selected Services Receipts* discontinued after Dec. 1981.

APPENDIX IV

Guide to Sources of Statistics

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for years later than 1974 or types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 904-943) and in reports for particular commodities, industries, or similar segments of our economic and social structures, many of which are not included here.

Publications listed under each subject are divided into two main groups: "U.S. Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington, DC. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, tel. (202) 783-3238, or from Government Printing Office bookstores in certain major cities. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles.

Abortions—*see* Vital Statistics.

Accidents—*see also* Health; Insurance; *and* Vital Statistics

U.S. Government

Bureau of Labor Statistics

Occupational Injuries and Illnesses in the United States by Industry, 1982. Annual. (Bulletin No. 2196.)

Civil Aeronautics Board

Supplement to the Handbook of Airline Statistics. Biennial.

Department of Transportation

Transportation Safety Information Report. Quarterly.

Federal Railroad Administration

Accident/Incident Bulletin. Summary, statistics, and analysis of accidents on railroads in United States. Annual.

Rail-Highway Crossing Accident/Incident and Inventory Bulletin. Annual.

Summary Statistics of the National Railroad-Highway Crossing Inventory For Public At-Grade Crossings. An inventory which contains data on the physical and operational characteristics of the 402,000 railroad-highway crossings in the United States.

Mine Safety and Health Administration

Informational Reports by Mining Industry: Coal, Metallic Minerals, Nonmetallic Minerals (except stone and coal), Stone, Sand, and Gravel. Annual.

Mine Injuries and Worktime. (Preliminary data.) Quarterly.

National Center for Health Statistics

Current Estimates from the Health Interview Survey. Annual.

Vital Statistics of the United States. Annual.

National Transportation Safety Board

Accidents. Annual.

Other

Metropolitan Life Insurance Company, New York, NY

Statistical Bulletin. Quarterly.

National Fire Protection Association, Quincy, MA

Fire Almanac. Annual.

Fire Journal. Bimonthly.

National Safety Council, Chicago, IL

Accident Facts. Annual.

Agriculture—*see also* Food; Foreign Commerce; Labor; Money and Banking; *and* Population

Agriculture—Con.

U.S. Government

Bureau of the Census

Census of Agriculture. Quinquennial. (1982, most recent.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

Bureau of the Census and Bureau of Mines

Raw Materials in the United States Economy; 1900–1977. (Issued 1980. Working Paper No. 47.)

Bureau of Reclamation

Federal Reclamation Projects, Water and Land Resource Accomplishments. Annual.

Commodity Futures Trading Commission

Commodity Futures Statistics. Annual. (Statistical Bulletin No. 516.)

Department of Agriculture

Agricultural Finance Statistics. Annual.

Agricultural Outlook. Monthly.

Agricultural Price Reports. Reports on prices received for farm commodities, prices paid for farm supplies, indexes and parity ratios. Monthly and annual.

Agricultural Statistics. Annual.

Commodity Credit Corporation Report of Financial Condition and Operations. Quarterly.

Conversion Factors and Weights and Measures for Agricultural Commodities and Products. March 1979. (Statistical Bulletin No. 616.)

Crop Production Reports. Acreage, yield, and production of various commodities. Monthly and Annual.

Crop Values Report. Price and value of various commodities. Annual.

Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics. (ECIFS 2-2.)

Economic Indicators of the Farm Sector: Production and Efficiency Statistics. Annual. (ECIFS 2-5.)

Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics. Annual. (ECIFS 2-4.)

Farm Real Estate Market Developments, Outlook and Situation. Annual with supplements.

Farm Real Estate Taxes. Annual.

Food Consumption, Prices, and Expenditures, 1982. (Statistical Bulletin No. 702.) Revised annually.

Foreign Agricultural Trade of the United States (FATUS). Monthly with annual supplements on calendar year and fiscal year trade data.

Agriculture—Con.

U.S. Government—Con.

Department of Agriculture—Con.

Foreign Ownership of U.S. Agricultural Land through December 1983. (ERS Staff Report No. AGES 840328, April 1984.)

Fruit and Vegetable Reports. Acreage, yield, production, value, and utilization of various fruits and vegetables. Periodic.

Handbook of Agricultural Charts. (Agricultural Handbook No. 574.) Annual.

The Hired Farm Working Force. Biennial.

Landownership in the United States. 1978. (Agricultural Economic Report No. 435.)

Livestock and Livestock Products. Reports pertaining to cattle, cattle on feed, hogs and pigs, lamb crop, livestock slaughter, sheep and goats, and wool and mohair. Periodic.

Livestock and Meat Statistics—Supplement for 1982. (Statistical Bulletin No. 522.) Annual Supplements.

Major Uses of Land in the United States. Summary for 1978. August 1982. (Agricultural Economic Report No. 487.)

Milk and Dairy Products Reports. Milk production, dairy products, butter, and American cheese production reports. Weekly, monthly, annual.

Other Reports. Reports on varied items including cold storage, commercial fertilizer, farm employment and wages, farm numbers, farm production expenditures, mink, mushrooms. Monthly and annual.

Outlook for U.S. Agricultural Exports. Quarterly.

Poultry and Egg Reports. Reports covering eggs, chickens, turkeys, hatcheries, and poultry slaughter. Weekly, monthly, annual.

Situation Reports. Issued for cotton and wool, dairy products, oil crops, feed, fertilizer, fruit, livestock and poultry, rice, sugar and sweeteners, tobacco, vegetables, wheat, and world agriculture. Monthly, quarterly, annual.

Statistics of Farmer Cooperatives. Annual.

Statistics on Oilseeds and Related Data, 1965–82. (Statistical Bulletin No. 695). Revised annually.

Stock Reports. Stocks of grain, hops, peanuts, potatoes, rice, and soybeans. Quarterly, annual, periodic.

U.S. Food Expenditures, 1954–1978. August 1979. (Agricultural Economic Report No. 431.)

Agriculture—Con.

U.S. Government—Con.

Department of Agriculture—Con.

Weekly Weather and Crop Bulletin. Report summarizing weather and its effect on crops the previous week.

Farm Credit Administration

Annual Report.

Loans and Discounts of Farm Credit Banks and Associations. Annual.

National Oceanic and Atmospheric Administration

Weekly Weather and Crop Bulletin.

National summary.

Soil Conservation Service

Report of Administrator of Soil Conservation Service. Annual.

Air Force—*see* National Defense.

Air Pollution—*see* Environment.

Aliens—*see* Immigration.

American Samoa—*see* Outlying Areas.

Area—*see* Geography.

Army—*see* National Defense.

Aviation—*see* Transportation.

Banks and Banking—*see* Money.

Births—*see* Vital Statistics.

Broadcasting—*see* Communications.

Building Permits—*see* Construction.

Business—*see also* Economic Indexes; Investments; Manufactures; Retail and Wholesale Trade; Scientific Resources; *and* Service Establishments.

U.S. Government

Administrative Office of the United States Courts

Annual Report of the Director.

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Working Capital for U.S. Nonfinancial Corporations. Quarterly. Beginning August 1978 published by the Federal Reserve Board.

Bureau of the Census

Census of Retail Trade. Quinquennial. (1977, most recent.)

Census of Service Industries. Quinquennial. (1977, most recent.)

Business—Con.

U.S. Government—Con.

Bureau of the Census—Con.

Census of Wholesale Trade. Quinquennial. (1977, most recent.)

County Business Patterns. Annual.

Current Business Reports. Retail Trade, Sales, and Inventories, BR; and Wholesale Trade, Sales, and Inventories, BW.

Minority-Owned Businesses: 1977.

Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.

Selected Characteristics of Foreign-Owned U.S. Firms. Annual.

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982. 1983.

Fixed Reproducible Tangible Wealth in the United States, 1925-79. 1982.

Handbook of Cyclical Indicators. 1983.

The National Income and Product Accounts of the United States, 1929-1976: Statistical Tables. 1981.

Selected Data on U.S. Direct Investment Abroad, 1950-76. 1982.

Summary Input-Output Tables of the U.S. Economy: 1973, 1974, and 1975. 1980. (Staff Paper No. 37.)

Summary Input-Output Tables of the U.S. Economy: 1976, 1978, and 1979. 1983. (Staff Paper No. 39.)

Survey of Current Business. Monthly.

Bureau of Industrial Economics

The U.S. Industrial Outlook. Annual.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

Internal Revenue Service

Statistics of Income.

Corporation Tax Returns. Annual.

Partnership Returns. Annual.

Sole Proprietorship Returns. Annual.

Statistics of Income Bulletin. Quarterly.

Patent and Trademark Office

Commissioner of Patents and Trademarks Annual Report.

Securities and Exchange Commission

Statistical Review. Monthly.

Small Business Administration

Annual Report.

Business—Con.

Other

Aerospace Industries Association of America, Washington, DC

Aerospace Economic Indicators. Quarterly.

The Conference Board, New York, NY

Economic Road Maps. Monthly.

Dun & Bradstreet Corporation, New York, NY

The Failure Record. Annual.

Monthly Failure Report.

Monthly New Business Incorporation Report.

Quarterly Business Starts.

Quarterly Businessmen's Expectations Report.

Fortune (Time, Inc.), New York, NY

The Fortune Directory of the 500 Largest Industrial Corporations. (Annual supplement to Fortune.)

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL)

The Formation and Stocks of Total Capital, by John W. Kendrick. 1976. (General Series 100.) (Columbia University Press, Irvington, NY)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. (Studies in Income and Wealth, Vol. 47.) (University of Chicago Press, Chicago, IL)

Child Welfare—*see* Education; *and* Social Insurance.

City Government—*see* State and Local Government.

Civil Service—*see* Federal Government; *and* State and Local Government.

Climate—*see also* Health

U.S. Government

National Oceanic and Atmospheric Administration

Climatography of the United States, No. 81: Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1951–80. 1982. Issued by State.

Climatological Data. Issued in sections for States and outlying areas. Monthly with annual summary.

Climate—Con.

U.S. Government—Con.

National Oceanic and Atmospheric Administration—Con.

Comparative Climatic Data Through 1982.

General Summary of Tornadoes. Annual.

Hourly Precipitation Data. Monthly with annual summary; for each State.

Local Climatological Data. Monthly with annual summary; for major cities.

Storm Data. Monthly.

Weekly Weather and Crop Bulletin. National summary.

Commerce—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Transportation.

Commodity Prices—*see also* Economic Indexes

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Labor Statistics

Comparisons of United States, German, and Japanese Export Price Indexes. 1980. (Bulletin No. 2046.)

Consumer Price Index Detailed Report. Monthly.

Consumer Prices: Energy and Food. Monthly.

Handbook of Labor Statistics. Annual.

Monthly Labor Review.

Producer Prices and Price Indexes. Monthly with annual supplement.

Productivity and Costs. Quarterly.

U.S. Import and Export Price Indexes. Quarterly.

Department of Agriculture

Agricultural Price Reports. Monthly and annual.

Agricultural Statistics. Annual.

Other

Commodity Research Bureau, Inc., Jersey City, NJ

Commodity Chart Service. Weekly.

Commodity Yearbook. Annual.

Commodity Yearbook Statistical Abstract Service. Quarterly. (3 editions annually.)

CRB Commodity Index Report. Weekly.

CRB EZ Update Charts. Bi-weekly.

Electronic Futures Trend Analyzer. Daily.

Futures Market Service. Weekly.

Commodity Prices—Con.

Other—Con.

Morgan Guaranty Trust Company of New York

The Morgan Guaranty Survey. Monthly. (Wholesale price index.)

Wall Street Journal. (Dow Jones & Co., New York, NY) Daily except Saturdays, Sundays, and holidays.

Communications—*see also* Newspapers

U.S. Government

Federal Communications Commission

Annual Report.

Statistics of Communications Common Carriers. Annual.

Rural Electrification Administration

Statistical Report—Rural Telephone Borrowers. Annual.

U.S. Postal Service

Annual Report of the Postmaster General.

Revenue and Cost Analysis. Annual.

Other

John Blair & Company, New York, NY

Statistical Trends in Broadcasting. *Annual.*

Book Industry Study Group, Inc., New York, NY

Book Industry Trends. Annual.

Broadcasting Publications, Inc., Washington, DC

Broadcasting Magazine. Weekly.

Broadcasting Cablecasting Yearbook.

Corporation for Public Broadcasting, Washington, DC

Public Broadcasting Income. Annual.

Public Radio and Television Programming Content by Category. Biennial.

Public Radio Subscription Membership Programs. Annual.

Summary Statistical Report of PTV *Licensees. Annual.*

Summary Statistical Report of Public Radio Stations. Annual.

TV Subscription Membership Programs. Annual.

Editor & Publisher Co., Inc., New York, NY

International Year Book. Annual.

Market Guide. Annual.

Communications—Con.

Other—Con.

Electronic Industries Association, Washington, DC

Electronic Market Data Book. Annual.

Electronic Market Trends. Monthly.

Electronics Foreign Trade. Monthly.

Radio Advertising Bureau, New York, NY

Radio Facts. Annual.

Television Digest, Inc., Washington, DC

Cable and Station Coverage Atlas. Annual.

Television Factbook. Annual.

United States Independent Telephone Association, Washington, DC

Statistics of the Independent Telephone Industry. Annual.

Construction, Housing, and Real Estate—*see also* Money

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of *Construction Industries. Quinquennial.* (1982, most recent.)

Census of Housing. Decennial. (1980, most recent.)

Current Construction Reports: Housing Starts, C20 (monthly); New Residential *Construction in Selected Standard* Metropolitan Statistical Areas, C21 (quarterly); Housing Completions, C22 (monthly); New One-Family Houses Sold and for Sale, C25 (monthly with annual report, Characteristics of New Housing); Price Index of New One-Family Houses Sold, C27 (quarterly); Value of New *Construction* Put in Place, C30 (monthly with occasional historical supplement); Housing Units Authorized by Building Permits and Public Contracts, C40 (monthly and annual); Residential Alterations and Repairs, C50 (quarterly and annual).

Current Housing Reports: Housing Vacancies, H-111 (quarterly and annual); Market Absorption of Apartments, H-130 (quarterly and annual); Characteristics of Apartments Completed, H-131 (annual); Annual Housing Survey, H-150 (series of six annual reports); Annual Housing Survey—Housing Characteristics for Selected Metropolitan Areas, H-170.

Social Indicators, 1973; 1976; 1980.

Construction, Housing, and Real Estate—Con.

U.S. Government—Con.

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982, 1983.

Fixed Reproducible Tangible Wealth in the United States, 1925–79. 1982.

Handbook of Cyclical Indicators. 1983.

The National Income and Product Accounts of the United States, 1929–76: Statistical Tables. 1981.

New Structures and Equipment by Using Industries, 1972: Detailed Estimates and Methodology. 1980. (Staff Paper No. 35.)

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Consumer Price Index Detailed Report. Monthly.

Employment and Earnings. Monthly.

Labor and Material Requirements for (selected types of) Construction. (Bulletins issued at irregular intervals.)

Monthly Labor Review.

Rent or Buy? Evaluating Alternatives in the Shelter Market. 1979. (Bulletin No. 2016.)

Supplement to Employment and Earnings, Revised Establishment Data. Annual.

Supplement to Employment and Earnings, States and Areas Data. Annual.

Department of Housing and Urban Development

Statistical Yearbook. (Discontinued with 1979 edition.)

Survey of Mortgage Lending Activity. Monthly and quarterly press releases.

Energy Information Administration

Nonresidential Buildings Energy Consumption Survey: Building Characteristics. March 1981.

Residential Energy Consumption Survey: Housing Characteristics. Annual.

Federal Home Loan Bank Board

Annual Report.

Savings and Home Financing Source Book. Annual.

International Trade Administration

Construction Review. Bimonthly.

Veterans Administration

Loan Guaranty Highlights. Monthly.

Construction, Housing, and Real Estate—Con.

Other

Dodge, F.W., Division, McGraw-Hill Information Systems Co., New York, NY

Dodge Construction Potentials. Monthly.

National Association of Realtors, Washington, DC

Existing Home Sales. Monthly.

Whitman, Requardt and Associates, Baltimore, MD

The Handy-Whitman Index of Public Utility Construction Costs. Semiannual.

Consumer Income and Expenditures, and Personal Income—*see also* Agriculture; Economic Indexes; Investments; *and* National Income

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Consumer Income, P–60.)

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982. 1983.

Local Area Personal Income, 1976–81. Annual personal income by type of income and by major industries, and population and per capita income, for States, counties, and standard metropolitan statistical areas. Nine volumes published by the Government Printing Office, Washington, DC

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Consumer Expenditure Survey:

Diary Survey, 1980–81. September 1983. (Bulletin No. 2173.)

Handbook of Labor Statistics. Annual.

Monthly Labor Review.

Internal Revenue Service

Statistics of Income. (Annual report on Individual Income Tax Returns.)

Statistics of Income Bulletin. Quarterly.

Social Security Administration

Income of the Population Aged 55 and Older, 1976. (Social Security Bulletin. July 1979.)

Studies in Income Distribution. (A series of studies presenting information on

Consumer Income and Expenditures, and Personal Income—Con.

U.S. Government—Con.

Social Security Administration—Con.

the distribution of income, taxes, and *transfer payments.*) (November 1979, most recent.)

Trends Since 1960 In the Economic Status of Aged Men and Women. (Research and Statistics Note No. 3. 1983.)

Other

American Financial Services Association, Washington, DC

Finance Facts Yearbook. Annual.

National Bureau of Economic Research, Cambridge, MA

Household Production and Consumption, Nestor E. Terleckyj, editor. 1976. (Studies in Income and Wealth, vol. 40.) (Columbia University Press, Irvington, NY)

Consumer Prices—*see* Commodity Prices.

Corporations—*see* Business; *and* Manufactures.

Correctional Institutions—*see* Law Enforcement.

Cost of Living—*see* Commodity Prices.

Courts—*see* Law Enforcement.

Crime—see Law Enforcement.

Crops—*see* Agriculture.

Deaths—*see* Vital Statistics.

Defense—*see* National Defense.

Divorce—*see* Vital Statistics.

Domestic Trade—*see* Retail and Wholesale Trade, *and* Service Establishments.

Drainage—*see* Irrigation.

Economic Indexes—*see also* Agriculture; Business; Commodity Prices; *and* Manufactures

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Banks. Monthly review published by each Bank with special reference to its own Federal Reserve District.

Federal Reserve Bulletin. Monthly. (Also monthly releases on industrial production indexes.)

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982. 1983.

Economic Indexes—Con.

U.S. Government—Con.

Bureau of Economic Analysis—Con.

Handbook of Cyclical Indicators. 1983.

The National Income and Product Accounts of the United States, 1929–76: Statistical Tables. 1981.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Employment Projections for the 1980's. 1979. (Bulletin No. 2030.)

Employment Projections to 1995. (Bulletin No. 2197.)

Monthly Labor Review.

Multifactor Productivity Measures. Annual.

Productivity and Costs. Quarterly.

Productivity Measures for Selected Industries. Annual.

U.S. Import and Export Price Indexes. Quarterly.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

Other

Business Week. (Billboard Publications, Inc., New York, NY) (Index of Business Activity.)

The Conference Board, New York, NY

The Conference Board Statistical Bulletin. Monthly.

National Bureau of Economic Research, Cambridge, MA

The National Balance Sheet of the United States, 1953–80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. 1982. (Studies in Income and Wealth, vol. 47.) (University of Chicago Press, Chicago, IL)

Education—*see also* Scientific Resources; *and* Vocational Rehabilitation

U.S. Government

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Population Characteristics, P–20; Technical Studies, P–23; and Population Estimates, P–25.)

Education—Con.

U.S. Government—Con.

Bureau of the Census—Con.

Finances of Public School Systems. Annual. (GF No. 10.)

Social Indicators, 1973; 1976; 1980.

Bureau of Labor Statistics

Educational Attainment of Workers, March 1982–83. 1984. (Bulletin No. 2191.)

Handbook of Labor Statistics. Annual.

Labor Force Statistics Derived From the Current Population Survey: A Databook. 1982. (Bulletin No. 2096.)

Occupational Projections and Training Data. Biennial.

Students, Graduates, and Dropouts, October 1980–82. 1983. (Bulletin No. 2192.)

Department of Education

Annual Report.

Inflation Measures for Schools and Colleges. September 1983.

Employment and Training Administration

Employment and Training Report of the President. Annual.

Equal Employment Opportunity Commission

Employment Opportunity in the Schools. Minorities and women in public elementary and secondary schools. 1979.

Employment Opportunity in State and Local Government. Minorities and women in State and local government. 1980.

National Center for Education Statistics

Associate Degrees and Other Formal Awards Below the Baccalaureate. Annual.

The Condition of Education. Annual.

Digest of Education Statistics. Annual.

Earned Degrees Conferred. Annual.

Faculty Salaries, Tenure, and Benefits. Annual.

Fall Enrollment in Colleges and Universities. Annual.

Library Statistics of Colleges and Universities. (1979, most recent.)

National Longitudinal Study. Reports issued 1972–78 on high school seniors from class of 1972 and their transition to higher education and the labor force.

Participation in Adult Education. (1981, most recent.)

Projections of Education Statistics. Biennial.

Education—Con.

U.S. Government—Con.

National Center for Education Statistics—Con.

Residence and Migration of College Students. (1979, most recent.)

Revenues and Expenditures for Public Elementary and Secondary Education. Annual.

Statistics of Public Elementary and Secondary School Systems. Fall. Annual.

National Science Foundation

Academic Science/Engineering: Graduate Enrollment and Support. Annual.

Academic Science/Engineering: R&D Funds. Annual.

Academic Science/Engineering: R&D Funds, Scientists and Engineers, and Graduate Enrollment and Support. Biennial.

Academic Science/Engineering: Scientists and Engineers. Annual.

Activities of Science and Engineering Faculty in Universities and 4-Year Colleges: 1978/79. Special report. (NSF 81-323.)

Employment Patterns of Academic Scientists and Engineers, 1973–78. Special report. (NSF 80-314.)

Federal Support to Universities, Colleges, and Selected Nonprofit Institutions. A report to the President and Congress. Annual.

Foreign Participation in U.S. Science and Engineering Higher Education and Labor Markets. Special report. (NSF 81-316.)

Projections of Degrees and Enrollment in Science and Engineering Fields to 1985. Special report. (NSF 76-301.)

Projections of Science and Engineering Doctorate Supply and Utilization, 1982 and 1987. Special report. (NSF 79-303.)

Science and Engineering Degrees: 1950–80. A Source Book. Special report. (NSF 82-307.)

Science and Engineering Doctorates: 1960–81. Special report. (NSF 83-309.)

Science and Engineering Personnel: A National Overview. Biennial.

Science and Technology Data Book. Annual. (NSF 83-316.)

Science Resources Studies Highlights. Frequent.

Graduate Science/Engineering Enrollment Grew by 2% Between Fall 1981 and 1982, With Computer Sciences, Up 20%, Leading Growth. (NSF 84-313.)

Education—Con.

U.S. Government—Con.

National Science Foundation—Con.

One-fourth of Academic Research Equipment Classified Obsolete. (NSF 84-312.)

Science and Engineering Employment in Academia Grew 3% in 1983. (NSF 84-317.)

Stock of Science and Engineering Master's Degree-Holders in the United States. Special report. (NSF 81-302.)

Women and Minorities in Science and Engineering. Biennial.

Young and Senior Science and Engineering Faculty. Special report. (NSF 81-319.)

Office for Civil Rights

Racial, Ethnic and Sex Enrollment Data, From Institutions of Higher Education. Fall 1980.

State, Regional, and National Summaries of Data from the Fall 1980 Civil Rights Survey of Elementary and Secondary Schools. Biennial.

Other

American Council on Education, Washington, DC

A Fact Book on Higher Education. Quarterly.

National Norms for Entering College Freshmen. Annual.

Bowker (R.R.) Company, New York, NY

American Library Directory. Annual.

The Bowker Annual of Library and Book Trade Information.

Educational Media Yearbook. Annual.

College Entrance Examination Board, New York, NY

National Report on College-Bound Seniors. Annual.

National Catholic Educational Association, Washington, DC

Catholic Schools in America. Annual.

U.S. Catholic Schools. (1983-84, most recent.)

National Education Association, Washington, DC

Estimates of School Statistics. Annual.

Rankings of the States. Annual.

Status of the American Public School Teacher, 1980-81. Quinquennial.

Research Associates of Washington, Washington, DC

Higher Education Prices and Price Indexes. Annual.

Elections

U.S. Government

Bureau of the Census

Congressional District Data:

1980 Census of Population and Housing, PHC80-4, Congressional Districts of the 98th and 99th Congress.

1980 Census of Population and Housing, PC80-SI-8, Congressional District Profiles, 98th Congress.

Current Population Reports. (Series P-20, Voting and Registration in the Election of November 19—. Biennial survey; P-23, No. 74, Registration and Voting in November 1976—Jurisdictions Covered by Voting Rights Act Amendments of 1975; and P-25, No. 947, Projections of the Population of Voting Age for States: November 1984.)

Commission on Civil Rights

The Voting Rights Act: Unfulfilled Goals. 1981.

Congress. Clerk of the House

Statistics of the Presidential and Congressional Election Years. Biennial.

Congress. Joint Committee on Printing

Congressional Directory. Biennial.

Other

The Council of State Governments, Lexington, KY

The Book of the States and its Supplement I, State Elective Officials and the Legislatures. Biennial.

State Legislative Leadership, Committees and Staff. Biennial.

Elections Research Center, Washington, DC

America Votes. A handbook of contemporary American election statistics, compiled and edited by Richard M. Scammon and Alice V. McGillivray. Biennial.

Joint Center for Political Studies, Washington, DC

Black Elected Officials: A National Roster. 1984.

Michigan, The University of, Center for Political Studies, Institute for Social Research, Ann Arbor, MI

Who Voted and for Whom. Biennial.

Newspaper Enterprise Association, Inc., New York, NY

The World Almanac. Annual.

Electric Utilities—*see* Energy.

Emigration—*see* Immigration.

Employment—*see* Federal Government; Labor; *and* State and Local Government.

Energy—*see also* Communications; Manufactures; Minerals; *and* Transportation

U.S. Government

Bureau of the Census

Current Industrial Reports. Monthly, quarterly, and annual series on various industries.

Bureau of the Census and Bureau of Mines

Raw Materials in the United States Economy: 1900–1977. (Issued 1980. Working Paper No. 47.)

Bureau of Labor Statistics

Consumer Price Index Detailed Report. Monthly.

Consumer Prices: Energy and Food. Monthly.

Bureau of Mines

United States Energy Through the Year 2000 (revised). December 1975.

Congress. Committee on Science and Astronautics

Energy Facts II. 1975. (94th Congress.)

Department of the Interior

Energy Perspectives. February 1975. June 1976.

Energy Information Administration

Annual Energy Outlook.

Annual Energy Review.

Coal Distribution. Quarterly.

Coal Production. Annual.

Electric Power Annual.

Electric Power Monthly.

Electric Power Quarterly.

Financial Statistics of Selected Electric Utilities. Annual.

Historical Capital Costs and Annual Production Expenses. Annual.

International Energy Annual.

Inventory of Power Plants in the United States. Annual.

Monthly Energy Review.

Natural Gas Annual.

Natural Gas Monthly.

Performance Profiles of Major Energy Producers. Annual.

Petroleum Marketing Monthly.

Petroleum Supply Annual.

Petroleum Supply Monthly.

Quarterly Coal Report.

Energy—Con.

U.S. Government—Con.

Energy Information Administration—Con.

Residential Energy Consumption Survey: Consumption and Expenditures. Annual.

Short-Term Energy Outlook. Quarterly.

Solar Collector Manufacturing Activity. Annual.

State Energy Data Report. Annual.

State Energy Overview. Annual.

State Energy Prices and Expenditure Report. Annual.

Statistics of Interstate Natural Gas Pipeline Companies. Annual.

Typical Electric Bills. Annual.

U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves. Annual.

Weekly Coal Production.

Rural Electrification Administration

Annual Statistical Report—Rural Electrification Borrowers.

Tennessee Valley Authority, Knoxville, TN

Annual Report.

Other

American Gas Association, Arlington, VA

Gas Facts. Annual.

Monthly Gas Utility Statistical Report.

Quarterly Report of Gas Industry Operations.

American Petroleum Institute, Washington, DC

The Basic Petroleum Data Book. Triennial.

Atomic Industrial Forum, Bethesda, MD

Historical Profile of U.S. Nuclear Power Development.

Nuclear Power Information: Key Issues.

Uranium: 1981.

The Center for Strategic and International Studies, Washington, DC

Understanding the Natural Energy Dilemma. A Report of the Joint Committee on Atomic Energy. 1978.

Edison Electric Institute, Washington, DC

Statistical Year Book of the Electric Utility Industry. Annual.

Year-End Electric Power Survey. Annual.

McGraw-Hill Publications Co., New York, NY

Electrical World Directory of Electric Utilities. Annual.

Energy—Con.

Other—Con.

National Coal Association, Washington, DC
Steam-Electric Plant Factors. Annual.

Carl H. Pforzheimer & Co., New York, NY
Comparative Oil Company Statistics, 1981-1982.

Whitman, Requardt and Associates, Baltimore, MD
The Handy-Whitman Index of Public Utility Construction Costs. Semiannual.
The Handy-Whitman Index of Water Utility Construction Costs. Semiannual.

Environment

U.S. Government

Bureau of the Census
Current Industrial Report, series MA-200.

Council on Environmental Quality
Environmental Quality. Annual.
Environmental Statistics. 1978.
Environmental Trends. 1981.

Environmental Protection Agency
Air Quality Data. Annual.
Cost of Clean Water. Annual.
Federal Certification Test Results for *Motor Vehicles*. Annual.
Municipal Water Facilities Inventory. Quinquennial.
National Air Pollutant Emission Estimates, 1940-80.
Needs Survey, Conveyance and Treatment of Municipal Wastewater Summaries of Technical Data. Biennial.
Pesticides Monitoring Journal. Quarterly.
Radiation Data and Reports. Monthly.
Sewage Facility Construction. Annual.
Summary of Water Enforcement Actions Pursued by EPA since December 3, 1970. (Updated continuously.)

Geological Survey
Estimated Use of Water in the United States in 1980. 1983. (Circular 1001.)
A Statistical Summary of Data from the U.S. Geological Survey's National Water *Quality Networks*. (*Open-File* Report 83-533.)

Other

The Conservation Foundation, Washington, *DC*
The Coastal Almanac, by Paul L. Ringold and John Clark. 1980.
State of the Environment. 1982.

Executions—*see* Law Enforcement.

Exports—*see* Foreign Commerce.

Family Characteristics—*see* Population.

Farms and Farm Characteristics—*see* Agriculture.

Federal Government Finances and Employment—*see also* Elections; Scientific Resources; *and* State and Local Government

U.S. Government

Board of Governors of the Federal Reserve System
Federal Reserve Bulletin. Monthly.

Bureau of the Census
Federal Expenditures by State for Fiscal Year. Annual.

Bureau of Economic Analysis
Business Statistics: 1982. 1983.
Survey of Current Business. Monthly.

Council of Economic Advisers
Economic Indicators. Monthly.
Economic Report of the President. Annual.

Council on Environmental Quality
Environmental Quality. Annual.

Department of Labor
Annual Report of the Secretary.

Department of the Treasury
Daily Treasury Statement.
Federal Aid to States. Annual.
Monthly Statement of the Public Debt of the United States.
Monthly Treasury Statement of Receipts and Outlays of the United States Government.
Statistical Appendix to Annual Report of the Secretary of the Treasury on the State of the Finances Through 1981.
Treasury Bulletin. Monthly through 1982; beginning 1983, quarterly.
Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government. Annual.

Internal Revenue Service
Annual Report of the Commissioner.
Statistics of Income. (Annual reports on Individual, Corporation, Sole Proprietorship, and Partnership Returns).
Statistics of Income Bulletin. Quarterly.

National Science Foundation
Characteristics of Doctoral Scientists and Engineers in the United States. Biennial.

Federal Government Finances and Employment—Con.

U.S. Government—Con.

National Science Foundation—Con.

Federal Funds for Research and Development. (Includes geographic distribution and funding by function.) Annual.

Federal R&D Funding by Budget Function. Annual.

Federal R&D Funding for Energy: Fiscal Years 1981–84. Special report. (NSF 83-301.)

Federal Scientific and Technical Personnel. Biennial.

Federal Support to Universities, Colleges, and Selected Nonprofit Institutions. A report to the President and Congress. Annual.

International Science and Technology Data Update.

National Patterns of Science and Technology Resources. Annual.

1990 R&D Funding Projections. Special report. (NSF 82-315.)

Science and Technology Data Book. Annual. (NSF 83-318.)

Science Indicators. Biennial.

U.S. Scientists and Engineers. Biennial.

Women and Minorities in Science and Engineering. Biennial.

Office of Management and Budget

The Budget of the United States Government. Published annually in a group of five documents:

The Budget of the United States Government.

The Budget of the United States Government, Appendix.

The Budget of the United States Government, Special Analyses.

Major Themes and Additional Budget Details.

The United States Budget in Brief.

Office of Personnel Management

Affirmative Employment Statistics. Biennial.

Compensation Report. Annual.

Monthly Release of Federal Civilian Workforce Statistics.

Occupations of Federal White-Collar and Blue-Collar Workers. Biennial.

Pay Structure of the Federal Civil Service. Annual.

Report of Employment by Geographic Area. Biennial.

Work Years and Personnel Costs. Annual.

Federal Government Finances and Employment—Con.

Other

Advisory Commission on Intergovernmental Relations, Washington, DC

Changing Public Attitudes on Governments and Taxes. Annual.

Countercyclical Aid and Economic Stabilization. 1978.

The Inflation Tax: The Case for Indexing Federal and State Income Taxes. 1980.

Recent Trends in Federal and State Aid to Local Governments: 1980.

Regional Growth—Flow of Federal Funds. 1980.

Regional Growth—Historic Perspective. 1980.

Significant Features of Fiscal Federalism. Annual.

Moody's Investors Service, New York, NY

Moody's Municipal and Government Manual. Annual with semiweekly supplements.

National Bureau of Economic Research, Cambridge, MA

The National Balance Sheet of the United States, 1953–80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL)

Tax Foundation, Inc., Washington, DC

Facts and Figures on Government Finance. Biennial.

Finance—*see* Federal Government; Investments; Money; *and* State and Local Government.

Fisheries

U.S. Government

National Oceanic and Atmospheric Administration

Fisheries of the United States. Annual.

Fishery Statistics of the United States. (Statistical Digest.) Annual.

Food—*see also* Agriculture

U.S. Government

Bureau of the Census

Canned Food Report. (Issued five times a year.) (Last report, July 1981.)

Department of Agriculture

Agricultural Outlook. Monthly.

Developments in Farm to Retail Price Spreads for Food/1982. (Agricultural Economic Report No. 500.) Revised annually.

Food—Con.

U.S. Government—Con.

Department of Agriculture—Con.

Food Consumption, Prices, and Expenditures, 1982. (Agricultural Economic Report No. 702.) Revised annually.

National Food Review. Quarterly.

Department of Agriculture, Food and Nutrition Service

Annual Statistical Review:

Food and Nutrition Service Programs.

Food Program Update. Monthly.

Department of Agriculture, Science and Education Administration.

Family Economics Review. Quarterly.

Other

American Frozen Food Institute, Burlingame, CA

Frozen Food Pack Statistics. Annual.

National Food Processors Association, Washington, DC

Canned Food Pack Statistics. Annual.

Foreign Commerce—*see also* Economic Indexes; *and* International Accounts and Aid

U.S. Government

Army, Corps of Engineers

Waterborne Commerce of the United States (in five parts). Annual.

Bureau of the Census

Highlights of U.S. Export and Import Trade. Monthly and cumulative. (FT 990.)

Summary of U.S Export and Import Merchandise Trade. Monthly and cumulative. (FT 900.)

Survey of the Origin of Exports of Manufacturing Establishments. Triennial. (Current Industrial Reports M76(AS)-8.)

U.S. Airborne Exports and General Imports. (Summary Report.) Monthly and annual. (FT 986.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES 2.)

U.S. Exports, Schedule E Commodity Groupings by World Area. Annual. (FT 450.)

U.S. Exports of Domestic Merchandise, SIC-Based Products by World Area. Annual. (FT 610.)

U.S. Exports, Schedule E Commodity by Country. Monthly, cumulative. (FT 410.)

Foreign Commerce—Con.

U.S. Government—Con.

Bureau of the Census—Con.

U.S. Exports, World Area by Schedule E Commodity Groupings. Annual. (FT 455.)

U.S. General Imports and Imports for Consumption, Schedule A Commodity by Country. Monthly, cumulative. (FT 135.)

U.S. General Imports, Schedule A Commodity Groupings by World Area. Annual. (FT 150.)

U.S. General Imports, World Area by Schedule A Commodity Groupings. Annual. (FT 155.)

U.S. Imports for Consumption and General Imports, SIC-Based Products by World Area. Annual. (FT 210.)

U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country of Origin. Annual. (FT 246.)

U.S. Trade with Puerto Rico and U.S. Possessions. Monthly and annual. (FT 800.)

U.S. Waterborne Exports and General Imports. Monthly and annual. (FT 985.)

Bureau of Economic Analysis

Business Statistics: 1982. 1983.

Survey of Current Business. Monthly. (June issue contains detailed data on merchandise trade.)

U.S. Merchandise Trade: Exports and Imports, 1965-76, Classified by BEA End-Use Commodity Categories. 1978.

Bureau of International Commerce

Overseas Business Reports. Annual.

Department of Agriculture

Foreign Agricultural Trade of the United States (FATUS). Bimonthly with annual supplements on calendar year and fiscal year trade statistics.

U.S. Foreign Agricultural Trade Statistical Report. Calendar year. A supplement to FATUS. Annual.

U.S. Foreign Agricultural Trade Statistical Report. Fiscal year. A supplement to FATUS. Annual.

World Agricultural Production and Trade, Statistical Report. Monthly.

World Indices of Agricultural and Food Production. Annual.

Foreign Commerce—Con.

U.S. Government—Con.

Department of Commerce

Commerce America. Biweekly. (Issues in March, June, September, and December contain quarterly data on U.S. share of world exports of manufactures.)

Export Administration Report, East-West Trade: Quarterly Report to the President, Senate, and House of Representatives.

Department of the Treasury

Statistical Appendix to Annual Report of the Secretary of the Treasury on the State of the Finances through 1981.

Energy Information Administration

Annual Energy Review.

Monthly Energy Review.

International Trade Administration

International Economic Indicators. Quarterly.

Market Share Reports. Annual.

Overseas Business Reports. Irregular.

International Trade Commission

Annual Report.

Maritime Administration

Annual Report.

Containerized Cargo Statistics. Annual.

United States Oceanborne Foreign Trade Routes. Annual.

Other

Aerospace Industries Association of America, Washington, DC

Exports of Aerospace Products. Quarterly.

Imports of Aerospace Products. Quarterly.

Commodity Research Bureau, New York, NY

Commodity Yearbook. Annual.

Forests and Lumber—*see also* Economic Indexes

U.S. Government

Bureau of the Census

Census of Manufactures. Quinquennial. (1977, most recent.)

Forests and Lumber—Con.

U.S. Government—Con.

Bureau of the Census—Con.

Current Industrial Reports. Monthly, quarterly, and annual series on various industries.

Bureau of Labor Statistics

Monthly Labor Review.

Department of Agriculture

Agricultural Statistics. Annual.

Forest Service

An Analysis of the Timber Situation in the United States, 1952-2030. Appendix 3.

Land Areas of the National Forest System. Annual.

U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-83. Annual.

Wildfire Statistics. Annual.

International Trade Administration

Construction Review. Bimonthly.

Other

American Paper Institute, Inc., New York, NY

Statistics of Paper, Paperboard, and Wood Pulp. Annual.

Wood Pulp and Fiber Statistics. Annual.

National Forest Products Association, Washington, DC

Fingertip Facts and Figures. Monthly.

Gas Utilities—*see* Energy.

Geography—*see also* Environment *and* Public Lands

U.S. Government

Bureau of the Census

Boundary and Annexation Survey, 1970-1979. GE 30-4: Statistics on boundary change information for incorporated municipalities of 2,500 or more population. Information also on new incorporations, disincorporations, and other important status changes.

Census of Population. Decennial. (1980, most recent.)

United States Maps, Series GE-50 and GE-70—Statistical maps.

Urbanized Areas, 1980. (PC80-S-14.)

Geological Survey

Catalog of Information on Water Data. 1981.

Elevations and Distances in the United States. 1980.

Geography—Con.

U.S. Government—Con.

Geological Survey—Con.

Estimated Use of Water in the United States in 1980. 1983. (Circular 1001.)

A Land Use and Land Cover Classification System for Use with Remote Sensor Data. Reprinted, 1978. (Geological Survey Professional Paper 964.)

National Gazetteer of the United States. (Issued by State.) (Geological Survey Professional Paper 1200.)

Government—*see* Federal Government; *and* State and Local Government.

Guam—see Outlying Areas.

Health Insurance—*see* Insurance.

Health and Medical Care—*see also* Accidents; Environment; Food; Insurance; Social Insurance; *and* Vital Statistics

U.S. Government

Bureau of the Census

Social Indicators, 1973; 1976; 1980.

Bureau of Labor Statistics

Consumer Price Index. U.S. City Average and Selected Items, Groups, and Areas. Monthly.

Employee Benefits in Medium and Large Firms. Annual.

Industry Wage Survey Bulletin. Separate bulletins published annually for selected industries.

Monthly Labor Review.

Centers for Disease Control

Morbidity and Mortality Weekly Report. (DHEW Pub. Nos. CDC 82-8017 and 83-8017.)

Reported Morbidity and Mortality in the United States. Morbidity and Mortality Weekly Report (annual supplement), 1982. (DHEW Pub. No. CDC 84-8241.)

Department of Agriculture, Food and Nutrition Service

Annual Statistical Review:

Food and Nutrition Service Programs.

Food Program Update. Monthly.

Department of Health and Human Services

Annual Report.

Drug Enforcement Administration

Drug Abuse and Law Enforcement Statistics. Irregular.

Health Care Financing Administration

Health Care Financing Notes. Preliminary descriptive program data. Annual.

Health and Medical Care—Con.

U.S. Government—Con.

Health Care Financing Administration—Con.

Health Care Financing Program Statistics. Medicare and Medicaid data. Annual.

Health Care Financing Research Reports. Occasional.

Health Care Financing Review. Quarterly publication focusing on research, demonstrations, and statistics.

National Center for Health Statistics

Current Estimates from the Health Interview Survey. Annual.

Health: United States. Annual. (DHEW Pub. No. PHS 84-1232.)

Hospitals: A County and Metropolitan Area Data Book. 1975-78. (DHEW Pub. No. PHS 81-1223.)

Vital and Health Statistics. (A series of statistical reports covering health-related topics.)

Series 10: Health Interview Survey Statistics. Irregular.

Series 11: Health and Nutrition Examination Surveys Statistics. Irregular.

Series 13: Health Resources Utilization Statistics. Irregular.

Series 14: Health Resources: Manpower and Facilities Statistics. Irregular.

National Institute on Drug Abuse

Drug Abuse Warning Network. 1982.

High School Senior Survey. 1975-1983.

National Drug and Alcoholism Treatment Utilization Survey. 1982.

National Survey on Drug Abuse. 1977. 1979. 1982.

Social Security Administration

Compendium of National Health Expenditures Data. 1976.

Social Security Bulletin. Monthly with annual statistical supplement. Data on the health insurance benefits program and on medical care of public assistance recipients.

SSI Recipients in Medical Facilities Covered by Title XIX (MEDICAID), December 1979. 1981. (Research and Statistics Note No. 2.)

Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Other

American Dental Association, Chicago, IL

Dental Students' Register. Annual.

Health and Medical Care—Con.

Other—Con.

American Dental Association, Chicago, IL—Con.

Distribution of Dentists in the United States by Region and State. Triennial.

Survey of Dental Practice. Biennial.

American Hospital Association, Chicago, IL

Hospital Statistics. Annual.

American Medical Association, Chicago, IL

Physician Characteristics and Distribution in the U.S. Annual.

Reference Data on the Profile of Medical Practice. Annual.

U.S. Medical Licensure Statistics, 1980–1981, and License Requirements, 1982.

American Nurses Association, Kansas City, MO

Facts About Nursing: A Statistical Summary. Annual.

LPNs: 1974 Inventory of Licensed Practical Nurses.

The Nation's Nurses: Inventory of Registered Nurses 1977–1978.

American Osteopathic Association, Chicago, IL

Statistical Study of the Osteopathic Profession. Annual.

Yearbook and Directory of Osteopathic Physicians. Annual.

Firing & Associates, San Francisco, CA

The Physically Impaired Population of the United States. 1978.

Medical Economics, Oradell, NJ

Physicians' Earnings and Expenses. Published annually in Medical Economics magazine.

Metropolitan Life Insurance Company, New York, NY

Statistical Bulletin. Quarterly.

Rutgers Center of Alcohol Studies, Journal of Studies on Alcohol, Inc., New Brunswick, NJ

Statistics on Consumption of Alcohol and on Alcoholism, by M. Keller and C. Gurioli. 1976.

Hospitals—*see* Health.

Hotels—*see* Service Establishments.

Household Appliances—*see* Construction, Housing, and Real Estate.

Housing—*see* Construction.

Immigration and Naturalization

U.S. Government

Department of State, Bureau of Consular Affairs

Report of the Visa Office. Annual. (Dept. of State Pub. 8810.)

Department of Transportation

Report of Passenger Travel Between the United States and Foreign Countries. Annual, semiannual, quarterly, monthly.

Immigration and Naturalization Service

I & N Reporter. Quarterly.

Statistical Yearbook. Annual.

National Science Foundation

Foreign Participation in U.S. Science and Engineering Higher Education and Labor Markets. Special report. (NSF 81-316.)

Scientists and Engineers From Abroad: 1976–78. Special report. (NSF 80-324.)

Imports—*see* Foreign Commerce.

Income—*see* Consumer Income *and* National Income.

Industry—*see* Business; Economic Indexes; *and* Manufactures.

Institutions—*see* Education; Health; *and* Law Enforcement.

Insurance—*see also* Social Insurance

U.S. Government

Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Government Life Insurance Programs for Veterans and Members of the Service. Annual.

Other

American Council of Life Insurance, Washington, DC

Life Insurance Fact Book. Annual.

Best (Alfred M.) Co., New York, NY

Best's insurance publications. Monthly and annual publications on life, fire, and casualty companies.

Health Insurance Association of America, Washington, DC

Source Book of Health Insurance Data. Annual.

Insurance Information Institute, New York, NY

Insurance Facts. Yearbook.

Insurance—Con.

Other—Con.

The National Underwriter Co., Cincinnati, OH

Argus Chart. Health insurance company financial data. Annual.

Argus F.C. & S. Chart. Property and liability insurance company financial data. Annual.

Life Rates and Data. Premiums, values, dividends, and contract analysis by company. Annual.

Life Reports. Life company financial data. Annual.

Timesaver. Health insurance costs and contract analysis by company. Annual.

International Accounts and Aid

U.S. Government

Agency for International Development

U.S. Overseas Loans and Grants and Assistance From International Organizations. Annual.

Arms Control and Disarmament Agency

World Military Expenditures and Arms Transfers. Annual.

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Economic Analysis

Business Statistics: 1982. 1983.

Survey of Current Business. Monthly. (March, June, September, and December issues contain data on U.S. international transactions. Articles on the net U.S. investment position abroad, direct investments, travel, and other topics appear periodically in other issues.)

U.S. Merchandise Trade: Exports and Imports, 1965–76, Classified by BEA End-Use Commodity Categories. 1978.

Department of Defense

Foreign Military Sales and Military Assistance Facts. Annual.

Department of State

United States Contribution to International Organizations. Issued in the House Documents series. Annual.

Department of the Treasury

Active Foreign Credits of the United States Government. Quarterly.

Treasury Bulletin. Monthly through 1982; beginning 1983, quarterly.

Export-Import Bank of the United States

Annual Report.

International Accounts and Aid—Con.

U.S. Government—Con.

Export-Import Bank of the United States—Con.

Report to the U.S. Congress on Export Credit Competition and the Export-Import Bank of the United States. Annual.

National Advisory Council on International Monetary and Financial Policies

Annual Report to the President and to the Congress.

Office of Management and Budget

The Budget of the United States Government. Published annually in a group of five documents; see listing under "Federal Government Finances and Employment."

Other

International Bank for Reconstruction and Development, Washington, DC

Annual Report.

World Bank Atlas.

World Debt Tables. 1983–84.

World Development Report. 1984.

World Tables: The Third Edition.

International Monetary Fund, Washington, DC

Annual Report.

Balance of Payments Statistics. Monthly with annual yearbook.

Direction of Trade Statistics. Monthly with annual yearbook.

Government Finance Statistics Yearbook.

International Financial Statistics. Monthly with annual yearbook.

International Statistics—*see also* International Accounts

U.S. Government

Bureau of the Census

A Compilation of Age-Specific Fertility Rates for Developing Countries. International Research Document No. 7.

Country Demographic Profiles. (Series ISP-30.)

Demographic Estimates for Countries with a Population of 10 Million or More. 1981.

The Geographical Mobility of Americans: An International Comparison, by Larry H. Long and Celia G. Boertlein. Current Population Reports, Special Studies, Series P-23, No. 64.

International Statistics—Con.

U.S. Government—Con.

Bureau of the Census—Con.

International Population Reports. Irregular. (Series P-91.)

Social Indicators, 1973; 1976; 1980.

World Population: 1983 (most recent).

Bureau of Labor Statistics

Handbook of Labor Statistics. Annual.

International Comparisons of Manufacturing Productivity and Labor Cost Trends. Annual.

International Comparisons of Unemployment. 1978. (Bulletin No. 1979.)

Monthly Labor Review.

U.S. Department of State Indexes of Living Costs Abroad, Quarters Allowances, and Hardship Differentials. Quarterly.

Youth Unemployment: An International Perspective. 1981. (Bulletin No. 2098.)

Energy Information Administration

International Energy Annual.

Internal Revenue Service

Statistics of Income

Internal Income and Taxes, Domestic International Sales Corporation Returns, 1972–1974.

International Income and Taxes, Foreign Income and Taxes Reported on Individual Income Tax Returns, 1972–1978.

International Income and Taxes, Foreign Tax Credit Claimed on Corporation Income Tax Returns, 1974.

International Income and Taxes, U.S. Corporations and Their Controlled Foreign Corporations, 1974–1978.

Other

The Economist Newspaper Ltd., London, England

The Economist Diary. 1984.

World Business Cycles. 1982.

The World in Figures. 1984.

Euromonitor Publications Ltd., London, England

European Marketing Data and Statistics. Annual.

Food and Agriculture Organization of the United Nations, Rome, Italy

Production Yearbook.

Trade Yearbook.

Yearbook of Fishery Statistics.

Yearbook of Forest Products.

International Statistics—Con.

Other—Con.

Inter-American Development Bank, Washington, DC

Annual Report.

Economic and Social Progress in Latin America. Annual survey.

The International Institute for Strategic Studies, London, England

The Military Balance. Annual.

International Labour Office, Geneva, Switzerland

Yearbook of Labour Statistics.

International Monetary Fund, Washington, DC

International Financial Statistics. Monthly with annual yearbook.

Jane's Publishing Co., Ltd., London, England

Jane's Airport Equipment. Annual.

Jane's All the World's Aircraft. Annual.

Jane's Armour and Artillery. Annual.

Jane's Avionics. Annual.

Jane's Fighting Ships. Annual.

Jane's Infantry Weapons. Annual.

Jane's Merchant Ships. Annual.

Jane's Military Communications. Annual.

Jane's Military Vehicles and Ground Support Equipment. Annual.

Jane's Surface Skimmers. Annual.

Jane's Urban Transport Systems. Annual.

Jane's Weapon Systems. Annual.

Jane's World Railways. Annual.

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI

World Motor Vehicle Data. Annual.

Organization for Economic Cooperation and Development, Paris, France

Balance of Payments of OECD Countries, 1960–1977. 1979.

Consumer Price Indices. 1980.

Economic Outlook. Biannual.

Energy Balances. Annual.

Energy Statistics. Annual.

Indicators of Industrial Activity. Quarterly.

Labour Force Statistics. Annual with quarterly supplements.

Main Economic Indicators. Monthly.

National Accounts of OECD Countries. Annual.

OECD Financial Statistics. Annual with monthly supplements.

Oil Statistics. Annual with quarterly supplements.

International Statistics—Con.

Other—Con.

Organization for Economic Cooperation and Development, Paris, France—Con.

Pulp and Paper. Annual with quarterly supplements.

Quarterly National Accounts Bulletin.

Revenue Statistics of OECD Member Countries. Annual.

Statistics of Foreign Trade:

Series A. Monthly.

Series B. Tables by reporting countries. Annual.

Series C. Trade by commodities. Annual.

Study of Trends in World Supply and Demand of Major Agricultural Commodities. 1976.

United Nations Educational, Scientific and Cultural Organization, Paris, France

Statistical Yearbook.

United Nations Population Division, New York, NY

Demographic Indicators of Countries: Estimates and Projections as assessed in 1980.

World Population Prospects as assessed in 1980.

United Nations Statistical Office, New York, NY

Demographic Yearbook.

Monthly Bulletin of Statistics.

1977 Supplement to the Statistical Yearbook and the Monthly Bulletin of Statistics, Methodology, and Definitions. 1979.

Population and Vital Statistics Report. (Statistical Papers, Series A.) Quarterly.

Statistical Yearbook.

World Energy Supplies. Supplement, 1974-79. 1981.

World Population Trends and Policies—

1981 Monitoring Policies, Vol. I Population Trends. 1982.

1981 Monitoring Policies, Vol. II Population Trends. 1982.

Yearbook of Construction Statistics.

Yearbook of International Trade Statistics.

Yearbook of National Accounts Statistics.

Yearbook of World Energy Statistics.

World Health Organization, Geneva, Switzerland

World Health Statistics. Quarterly and annual.

International Trade—*see* Foreign Commerce; *and* International Statistics.

Investments and Securities—*see also* Business; Construction; Insurance; International Accounts; *and* Money

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Commodity Futures Trading Commission

Commodity Futures Statistics. Annual.

Securities and Exchange Commission

Annual Report.

Official Summary of Security Transactions and Holdings. Monthly.

A Report on the Operation of the Intermarket Trading System: 1978-1982. June 1982.

Securities Traded on Exchanges Under the Securities Exchange Act. Annual with quarterly supplements.

Staff Report on the Securities Industry in 1981. October 1982.

Statistical Review. Monthly.

Stock Trading Statistics. Monthly.

Stock Transactions of Financial Institutions. Quarterly.

Other

Bankers Trust Company, New York, NY

Credit and Capital Markets, by Beverly Lowen and Donald E. Wooley. Annual.

Commercial and Financial Chronicle. (William B. Dana Co., New York, NY) Semiweekly.

Investment Company Institute, Washington, DC

Mutual Fund Fact Book. Annual.

Moody's Investors Service, New York, NY

Moody's Manuals. (Volumes on Industrials, OTC, Banks and Finance, International, Municipals and Governments, Transportation, and Public Utilities.) Annual with semi-weekly supplements.

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL)

New York Stock Exchange, Inc., New York, NY

Fact Book. Annual.

Shareownership, 1975, 1980, 1981, and 1983.

Investments and Securities—Con.

Other—Con.

Securities Industry Association, New York, NY

Municipal Market Developments. Monthly.

Standard and Poor's Corporation, New York, NY

Analyst's Handbook. Annual with monthly cumulative supplements.

Corporation Records. Six basic volumes; News Supplements, daily; Dividend Record, daily, and cumulative monthly and annual.

Daily Stock Price Records. Quarterly.

Security Owner's Stock Guide. Monthly.

Statistical Service. (Security Price Index Record; business and financial basic statistics with monthly supplement.)

Wall Street Journal. (Dow Jones & Co., New York, NY.) Daily except Saturdays, Sundays, and holidays.

Irrigation, Drainage, and Soil Conservation—*see* Agriculture.

Juvenile Court—*see* Law Enforcement.

Labor—*see also* Accidents; Business; Economic Indexes; International Statistics; Scientific Resources; *and* Social Insurance

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

County Business Patterns. Annual.

Current Governments Reports: Public Employment, GE No. 1 (annual); City Employment, GE No. 2 (annual); Local Government Employment in Selected Metropolitan Areas and Large Counties, GE No. 3 (annual); County Government Employment, GE No. 4 (annual).

Labor Force Status and Other Characteristics of Persons With a Work Disability: 1982. (Current Population Reports, Special Studies, Series P-23, No. 127.)

Population Profile of the United States. (Annual—Series P-20.)

Selected Characteristics of Persons in Environmental Sciences: 1978. (Current Population Reports, Special Studies, Series P-23, No. 119.)

Selected Characteristics of Persons in Life Science: 1978. (Current Population Reports, Special Studies, Series P-23, No. 113.)

Labor—Con.

U.S. Government—Con.

Bureau of the Census—Con.

Selected Characteristics of Persons in Mathematical Specialities: 1978. (Current Population Reports, Special Studies, Series P-23, No. 120.)

Selected Characteristics of Persons in Physical Science: 1978. (Current Population Reports, Special Studies, Series P-23, No. 108.)

Social Indicators, 1973; 1976; 1980.

Statistical Portrait of Women in the United States: 1978. (Current Population Reports, Special Studies, Series P-23, No. 100.)

Bureau of Justice Statistics (formerly Law Enforcement Assistance Administration) and Bureau of the Census

Expenditure and Employment Data for the Criminal Justice System. Annual.

Bureau of Labor Statistics

Area Wage Surveys: Selected Metropolitan Areas. Annual.

Bargaining Calendar. Annual.

Current Wage Developments. Monthly.

Earnings of Workers and Their Families. Quarterly.

Employee Benefits in Medium and Large Firms. Annual.

Employment and Earnings. Monthly, with annual supplement.

Employment and Earnings, United States, 1909–84. (Bulletin No. 1312–12.)

Employment, Hours, and Earnings, States and Areas, 1939–82. 1984. (Bulletin No. 1370–17.)

Employment Projections for 1995. 1984. (Bulletin No. 2197.)

The Employment Situation. Monthly.

Geographic Profile of Employment and Unemployment. Annual.

Handbook of Labor Statistics. Annual.

Industry Wage Survey. (Separate bulletins for selected manufacturing and nonmanufacturing industries; each industry on a 3- to 5-year cycle.)

International Comparisons of Productivity and Costs. Annual.

International Comparisons of Unemployment. Annual.

Labor Force Statistics Derived from the Current Population Survey: A Databook. 1982. (Bulletin No. 2096.)

Linking Employment Problems to Economic Status. Annual.

Major Collective Bargaining Settlements. Quarterly.

Labor—Con.

U.S. Government—Con.

Bureau of Labor Statistics—Con.

Monthly Labor Review.

Multifactor Productivity Measures. Annual.

National Survey of Professional, Administrative, Technical, and Clerical Pay. Annual.

Occupational Injuries and Illnesses in the *United States, by Industry.* Annual.

Occupational Projections and Training Data. Biennial.

Perspectives on Working Women: A Databook. 1980. (Bulletin No. 2080.)

Productivity and Costs. Quarterly.

Productivity and the Economy. A Chartbook. *1983.* (*Bulletin No. 2172.*)

Productivity Measures for Selected Industries, 1954–82. (*Bulletin No. 2189.*)

Profile of the Teenage Worker. 1980. (Bulletin No. 2039.)

Real Earnings. Monthly.

Special Labor Force Bulletins. Occasional.

State and Metropolitan Area Employment and Unemployment. Monthly.

The Structure of the U.S. Economy in *1980 and 1985. 1975.* (*Bulletin No.* 1831.)

Supplement to Employment, Hours, Earnings, States and Areas, 1980–83. (Bulletin No. 1370–18.)

Supplement to Employment, Hours, and Earnings, United States Revised Establishment Data. Annual.

Trends in Multifactor Productivity, 1948–81. (Bulletin No. 2178.)

Women at Work: A Chartbook. 1983. (Bulletin No. 2168.)

Workers of Spanish Origin: A Chartbook. 1978. (Bulletin No. 1970.)

Workers Without Jobs: A Chartbook on Unemployment. 1983. (Bulletin No. 2174.)

Department of Agriculture

Farm Labor. Annual.

The Hired Farm Working Force. Biennial.

Department of Labor

Annual Report of the Secretary.

Employment and Training Administration

Area Trends in Employment and Unemployment. Monthly.

Employment and Training Report of the President. Annual.

Employment and Wages of Workers. *Quarterly.*

Labor—Con.

U.S. Government—Con.

Employment and Training Administration—Con.

Employment and Wages of Workers Covered by Unemployment Insurance Programs. Quarterly.

Employment Service Statistics. Monthly.

Farm Labor Developments. Employment and Wage Supplement. Monthly.

Unemployment Insurance Claims. Weekly.

Equal Employment Opportunity Commission

Employment Opportunity in the Schools. Minorities and women in public elementary and secondary schools. 1979.

Employment Opportunity in State and Local Government. Minorities and women in State and local government. 1980.

Interstate Commerce Commission

Monthly Report of Class I Employees, by Group.

Wage Statistics of Class I Railroads in the United States. Annual. (Statement No. 300.)

Maritime Administration

Employment Report of United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over. Annual. (Monthly and quarterly data available from source.)

Seafaring Wage Rates. Biennial.

Office of Personnel Management

Affirmative Employment Statistics. Biennial.

Occupations of Federal White-Collar and Blue-Collar Workers. Biennial.

Women's Bureau

Handbook on Women Workers. *Periodic.*

Other

Aerospace Industries Association of America, Washington, DC

Average Hourly and Weekly Earnings in the Aerospace Industry. Monthly.

Average Weekly Hours and Overtime Hours in the Aerospace Industry. Monthly.

Employment in the Aerospace Industry. Monthly.

Bureau of National Affairs, Inc., Washington, DC

The Employment Outlook. Quarterly.

Job Absence and Turnover. Quarterly.

Labor—Con.

Other—Con.

Bureau of National Affairs, Inc., Washington, DC—Con.

Labor Relations Yearbook.

National Academy of Sciences, Washington, DC

Mineral Resources and the Environment. 1975.

Law Enforcement, Courts, and Prisons

U.S. Government

Administrative Office of the United States Courts

Annual Report of the Director . . . with, as issued, Reports of the Proceedings of the Judicial Conference of the United States. Includes statistics on courts of appeals, district courts, and bankruptcy courts.

Calendar Year Reports on Authorized Wiretaps. (State and Federal.)

Calendar Year Reports on the Right to Financial Privacy Act of 1978.

Federal Court Management Statistics. Annual.

Federal Offenders in U.S. District Courts. Annual.

Grand and Petit Juror Service in U.S. District Courts. Annual.

Quarterly Judicial Workload Statistics. March 31, Sept. 30, and Dec. 31.

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Social Indicators, 1973; 1976; 1980.

Bureau of Justice Statistics (formerly Law Enforcement Assistance Administration)

Capital Punishment. Annual.

Census of Jails, 1978. Data for Individual Jails, vols. I–IV. December 1981.

Census of Jails and Survey of Jail Inmates, 1978. February 1979.

Characteristics of the Parole Population, 1978. December 1980.

Children in Custody: Advance Report on the 1979 Census of Private Facilities.

Children in Custody: Advance Report on the 1979 Census of Public Juvenile Facilities.

Criminal Justice Agencies in the United States. Periodic.

Criminal Victimization in the United States. Annual.

Criminal Victimization in the United States. Trends. Annual.

Law Enforcement, Courts, and Prisons—Con.

U.S. Government—Con.

Bureau of Justice Statistics (formerly Law Enforcement Assistance Administration)—Con.

Expenditure and Employment Data for the Criminal Justice System. Annual.

Jail Inmates, 1982. February 1983.

Justice Agencies in the United States. May 1980.

National Survey of Court Organization, 1977 Supplement to State Judicial Systems.

Parole in the United States. Annual.

Prisoners 1925–81. December 1982.

Prisoners in State and Federal Institutions on December 31. Annual.

Prisons and Prisoners. January 1982.

Probation and Parole, 1981. August 1982.

Profile of Jail Inmates. October 1980.

Profile of State Prison Inmates. August 1979.

Sourcebook of Criminal Justice Statistics. Annual.

Bureau of Prisons

Statistical Report. Annual through 1977.

Drug Enforcement Administration

Drug Abuse and Law Enforcement Statistics. Irregular.

Federal Bureau of Investigation

Crime in the United States. Annual. Supplemented by Uniform Crime Reporting, semiannually and annual summary. (Releases of preliminary crime data for the United States.)

Other

American Bar Foundation, Chicago, IL

The Legal Profession in the United States: The 1980 Lawyer Statistical Report.

Criminal Justice Institute, Inc., New York, NY

The Corrections Yearbook.

National Center for Juvenile Justice, Pittsburgh, PA

Delinquency 1981: A Description of Delinquency Cases Processed by Courts With Juvenile Jurisdiction. Annual.

Juvenile Court Statistics: 1981. Annual.

National Center for State Courts, Williamsburg, VA

State Court Caseload Statistics. Annual.

Law Enforcement, Courts, and Prisons—Con.

Other—Con.

National Governors' Association and National Association of State Budget Officers, Washington, DC

Fiscal Survey of the States. Annual.

Libraries—*see* Education.

Livestock—*see* Agriculture.

Lumber—*see* Forests and Lumber.

Manufactures—*see also* Agriculture; Business; Economic Indexes; Forests; Investments; Labor; *and* Minerals

U.S. Government

Board of Governors of the Federal Reserve System

Capacity Utilization: Manufacturing and Materials. G.3(402). Monthly.

Federal Reserve Bulletin. Monthly.

Industrial Production. G.12.3(414). Monthly.

Bureau of Alcohol, Tobacco, and Firearms

Alcohol and Tobacco Summary Statistics. Annual.

Bureau of the Census

Annual Survey of Manufactures. (1981, most recent.)

Census of Manufactures. Quinquennial. (1982, Preliminary Reports, Industry series, MC 82-I (P).)

Census of Mineral Industries. Quinquennial. (1982, Preliminary Reports, Industry series, MIC 82-I(P).)

Concentration Ratios in Manufacturing Industry. (1977, most recent.)

Cotton Production and Distribution. Annual.

County Business Patterns. Annual.

Current Industrial Reports. Monthly, quarterly, and annual series on various industries.

Industry Profiles, 1972-1976. (Annual Survey of Manufactures M76(AS)-7.)

Manufactures' Alternative Energy Capabilities (1977-78 Heating Season.) (Annual Survey of Manufactures M76 (AS)-4.4.)

Manufacturers' Shipments, Inventories, and Orders. Monthly. (Current Industrial Reports M3-1.)

Manufacturers' Shipments, Inventories, and Orders: 1977-1983. Annual summary. (Current Industrial Reports M3-1.13.)

Origin of Exports of Manufactured Products: 1981. (Annual Survey of Manufactures M81(AS)-6.)

Manufactures—Con.

U.S. Government—Con.

Bureau of the Census—Con.

Pollution Abatement Cost and Expenditures. (Current Industrial Reports MA-200.)

Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations. First quarter report of year subsequent to reported year.

Shipments to Federal Government Agencies. (Current Industrial Reports MA-175.)

Survey of Plant Capacity Utilization. (Current Industrial Reports MQ-C1.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

Bureau of Economic Analysis

Business Statistics: 1982. 1983.

Survey of Current Business. Monthly.

Bureau of Industrial Economics

The U.S. Industrial Outlook. Annual.

International Trade Commission

Synthetic Organic Chemicals, U.S. Production and Sales. Annual.

Other

Aerospace Industries Association of America, Washington, DC

Aerospace Facts and Figures. Annual.

Aerospace Industry Year-End Review and Forecast. Annual.

DOD Prime Contract Awards by Region and State. Annual.

DOD Prime Contract Awards by Service Category and Federal Supply Classification. Annual.

DOD Prime Contract Awards—Top 100 contractors. Annual.

DOD Prime Contract Awards—Top 500 Contractors for RDT&E. Annual.

American Frozen Food Institute, Burlingame, CA

Frozen Food Pack Statistics. Annual.

American Iron and Steel Institute, Washington, DC

Annual Statistical Report.

Commodity Research Bureau, New York, NY

Commodity Yearbook. Annual.

The Conference Board, New York, NY

Quarterly Survey of Capital Appropriations.

Manufactures—Con.

Other—Con.

The Conference Board, New York, NY—Con.

Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing.

Electronic Industries Association, Washington, DC

Electronic Market Data Book. Annual.

Electronic Market Trends. Monthly.

Electronic Foreign Trade. Monthly.

Gralla Publications, Inc., New York, NY

Merchandising. Monthly.

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI

Motor Vehicle Facts and Figures. Annual.

National Association of Hosiery Manufacturers, Charlotte, NC

Hosiery Statistics. Annual.

National Food Processors Association, Washington, DC

Canned Food Pack Statistics. Annual.

Marine Corps—*see* National Defense.

Marriage—*see* Vital Statistics.

Medical Care; Mental Health—*see* Health.

Merchant Vessels—*see* Transportation.

Military Services—*see* National Defense.

Minerals (Metals)—*see also* Economic Indexes; Energy; Foreign Commerce; *and* Manufactures

U.S. Government

Bureau of the Census

Annual Survey of Oil and Gas. (Current Industrial Reports MA-13K.)

Census of Mineral Industries. Quinquennial. (1982, Preliminary Reports, Industry series MIC 82-1(P).)

Bureau of the Census and Bureau of Mines

Raw Materials in the United States Economy: 1900-1977. (Issued 1980. Working Paper No. 47.)

Bureau of Mines

Apparent Consumption of Industrial Explosives and Blasting Agents in the United States. Annual.

Mineral Commodity Summaries. Annual.

Mineral Industry Surveys. (Monthly, quarterly, or annual report.)

Minerals and Materials. (Bimonthly survey.)

Minerals (Metals)—Con.

U.S. Government—Con.

Bureau of Mines—Con.

Minerals Yearbook. Annual. (Issued in three volumes.)

Vol. I—Metals and Minerals.

Vol. II—Area Reports: Domestic.

Vol. III—Area Reports: International.

Department of the Treasury

Treasury Bulletin. Monthly through 1982; beginning 1983, quarterly.

Energy Information Administration

Annual Energy Review.

International Energy Annual.

Monthly Energy Review.

U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves. Annual.

Other

American Bureau of Metal Statistics, Inc., Secaucus, NJ

Non-Ferrous Metal Data. 1983.

American Gas Association, Arlington, VA

Gas Facts. Annual.

Year Book.

American Gas Association, American Petroleum Institute, and Canadian Petroleum Association

Reserves of Crude Oil, Natural Gas Liquid, and Natural Gas in the United States and Canada and United States Productive Capacity. Annual. (Last issue Dec. 31, 1979.)

American Metal Market, New York, NY

Metal Statistics. Annual.

American Petroleum Institute, Washington, DC

Quarterly Review of Drilling Statistics for the United States.

American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association

Joint Association Survey on Drilling Costs. Annual.

Chilton Co., Radnor, PA

The Iron Age. Weekly.

Commodity Research Bureau, New York, NY

Commodity Yearbook. Annual.

The Independent Petroleum Association of America, Washington, DC

The Oil Producing Industry in Your State. Annual.

Minerals (Metals)—Con.

Other—Con.

The Independent Petroleum Association of America, Washington, DC—Con.

U.S. Wholesale Prices of Crude Oil and Principal Products. Monthly.

McGraw-Hill Publications Co., New York, NY

Engineering and Mining Journal. Monthly.

Keystone Coal Industry Manual. Annual.

National Coal Association, Washington, DC

Bituminous Coal Facts. Biennial.

PennWell Publishing Co., Tulsa, OK

Offshore. Monthly.

The Oil and Gas Journal. Weekly.

Carl H. Pforzheimer & Co., New York, NY

Comparative Oil Company Statistics, 1981–1982.

Money and Banking—*see also* Construction; Insurance; International Accounts; *and* Investments

U.S. Government

Board of Governors of the Federal Reserve System

Annual Statistical Digest.

Domestic Offices, Commercial Bank Assets and Liabilities Consolidated Report of Condition. E.3.4 (113). Semiannual.

Federal Reserve Bulletin. Monthly.

Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–1980.

Flow of Funds: Seasonally Adjusted and Unadjusted. Z.1(780). Quarterly.

Money Stock Measures and Liquid Assets. H.6(508). Weekly.

Bureau of the Mint

Annual Report of the Director.

Comptroller of the Currency

Annual Report.

Quarterly Journal.

Department of the Treasury

Daily Treasury Statement.

Federal Aid to States. Annual.

Monthly Treasury Statement of Receipts and Outlays of the United States Government.

Statement of United States Currency and Coin. Monthly.

Statistical Appendix to Annual Report of the Secretary of the Treasury on the State of the Finances through 1981.

Treasury Bulletin. Monthly through 1982; *beginning 1983, quarterly.*

Money and Banking—Con.

U.S. Government—Con.

Farm Credit Administration

Annual Report on the Work of the Cooperative Farm Credit System.

Production Credit Association: Summary of Operations. Annual.

Report to the Federal Land Bank Associations. Annual.

Federal Deposit Insurance Corporation

Annual Report.

Bank Operating Statistics. Annual.

Changes Among Operating Banks and Branches. Annual.

Statistics on Banking. Annual.

Summary of Accounts and Deposits in All Banks. Annual.

Trust Assets of Insured Commercial Banks. Annual.

Federal Home Loan Bank Board

Annual Report.

Asset and Liability Trends. Annual.

Savings and Home Financing Source Book. Annual.

National Credit Union Administration

Annual Report.

Annual Statistics.

Midyear Statistics.

Other

Bankers Trust Company, New York, NY

Credit and Capital Markets, by Beverly Lowen and Donald E. Wooley. Annual.

Credit Union National Association, Madison, WI

The Credit Union Report.

National Member Survey. 1982.

Operating Ratios and Spreads. Annual.

William B. Dana Co., New York, NY

The Market Chronicle. Weekly.

Federal National Mortgage Association, Washington, DC

Annual Report.

Investment Company Institute, Washington, DC

Mutual Fund Fact Book. Annual.

National Council of Savings Institutions, Washington, DC

Fact Book of National Council of Savings Institutions. Annual.

Money and Banking—Con.

Other—Con.

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors, 1983. (University of Chicago Press, Chicago, IL)

The National Balance Sheet of the United States, 1953-80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL)

Mortgages—*see* Construction; *and* Money.

Motor Carriers and Vehicles—*see* Transportation.

National Defense—*see also* Federal Government

U.S. Government

Bureau of the Census

Shipments of Defense-Oriented Industries. (Current Industrial Reports MA-175.) Monthly.

Department of Defense

Annual Fact Sheet of Department of Defense.

Annual Report of Secretary of Defense.

The Black in the Armed Forces. Statistical Fact Book. Annual.

Five Year Defense Plan. Annual.

Foreign Military Sales and Military Assistance Facts. Annual.

Military Manpower Statistics. Monthly.

Military Posture Report. Annual.

Military Prime Contract Awards. Annual.

Prime Contract Awards by State. Annual.

Real and Personal Property of the Department of Defense. Annual.

Selected Defense Department Economic Indicators. Monthly.

Selected Manpower Statistics. Annual.

National Guard Bureau

Annual Review of the Chief.

Office of Civil Defense

Annual Statistical Report.

Office of Management and Budget

The Budget of the United States Government. Published annually in a group of five documents; see listing under "Federal Government Finances and Employment."

Selective Service System, National Headquarters

Semiannual Report of the Director of Selective Service

National Defense—Con.

U.S. Government—Con.

U.S. Arms Control and Disarmament Agency

World Military Expenditures and Arms Transfers. Annual.

Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Data on Vietnam Era Veterans, 1983.

National Income and Wealth—*see also* Consumer Income; *and* Money and Banking

U.S. Government

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics: 1982. 1983.

Fixed Reproducible Tangible Wealth, in the United States, 1925-79. 1982.

Handbook of Cyclical Indicators. 1983.

The National Income and Product Accounts of the United States, 1929-76: Statistical Tables. 1981.

Readings in Concepts and Methods of National Income Statistics, 1976. (Reprint of material prepared from 1954 to 1976.) Available from National Technical Information Service, Springfield, VA

Survey of Current Business. Monthly.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

Internal Revenue Service

Statistics of Income Bulletin. Quarterly. (Summer 1983 issue.)

Other

The Conference Board, New York, NY

The National Wealth of the United States, by Major Sectors and Industry, by John W. Kendrick, with Kyu Sik Lee and Jean Lomask. 1976. (Report No. 698.)

National Bureau of Economic Research, Cambridge, MA

Distribution of Economic Well-Being, F. Thomas Juster, editor. 1977. (Studies in Income and Wealth 41.) (Ballinger Publishing Co., Cambridge, MA.)

The National Balance Sheet of the United States, 1953-80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL)

The Postwar Quality of State and Local Debt, by George H. Hempel. 1971. (General Series 94.) (University Microfilms, Ann Arbor, MI)

National Income and Wealth—Con.

Other—Con.

National Bureau of Economic Research, Cambridge, MA—Con.

Vol. 39-The Personal Distribution of Income and Wealth, James D. Smith, editor. 1975. (Studies in Income and Wealth.) (Columbia University Press, Irvington, NY)

Vol. 40-Household Production and Consumption, Nestor E. Terleckyj, editor. 1976. (Studies in Income and Wealth.) (Columbia University Press, Irvington, NY)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. 1982. (Studies in Income and Wealth, Vol. 47.) (University of Chicago Press, Chicago, IL)

Naturalization—*see* Immigration.

Navy—*see National Defense.*

Newspapers, Periodicals, and Books—*see also* Communications

U.S. Government

Bureau of the Census

Annual Survey of Manufactures. (1981, most recent.)

Census of Manufactures. Quinquennial. (1977, most recent.)

Library of Congress

Annual Report.

Other

Book Industry Study Group, Inc., New York, NY

Book Industry Trends. Annual.

Bowker (R.R.) Company, New York, NY

The Bowker Annual of Library and Book Trade Information.

Library Journal. Bimonthly.

Publishers Weekly.

Editor & Publisher Co., New York, NY

International Year Book.

Market Guide. Annual.

IMS Press, Fort Washington, PA

Ayer Directory of Publications. Annual.

Nutrition—see Food and Health.

Occupation—*see* Labor; Population; *and* Social Insurance.

Outlying Areas—*see also* Foreign Commerce

U.S. Government

Bureau of the Census

Census of Agriculture. Quinquennial. (1982, most recent.)

Census of Housing. Decennial. (1980, most recent.)

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Population Estimates, P-25.)

Economic Census of Outlying Areas: 1982.

Guam. (OAC82-6.)

Puerto Rico. (OAC82-1 to 4.)

Virgin Islands of the U.S. (OAC82-5.)

U.S. Trade with Puerto Rico and U.S. Possessions. Monthly and annual. (FT 800.)

Bureau of Mines

Minerals Yearbook. Annual. (Issued in three volumes; see list under "Minerals.")

National Center for Education Statistics

Digest of Education Statistics. Annual.

Statistics of Public Elementary and Secondary School Systems. Fall. Annual.

National Center for Health Statistics

Monthly Vital Statistics Report, Provisional Statistics. Annual Summary also.

Vital Statistics of the United States. Annual.

Other

Puerto Rico Planning Board, San Juan, PR

Balance of Payments—Puerto Rico. Annual.

Income and Product. Annual.

Selected Indices of Economic and Social Progress. Statistical Yearbook.

Socioeconomic Statistics. Annual.

Paper—*see* Forests and Lumber.

Parks—*see* Public Lands.

Pensions—*see* Social Insurance.

Petroleum—*see Energy and Minerals.*

Population and Population Characteristics—*see also* Labor *and* Vital Statistics

U.S. Government

Bureau of the Census

Census of Agriculture. Quinquennial. (1982, most recent.)

Census of Population. Decennial. (1980, most recent.)

Population and Population Characteristics—Con.

U.S. Government—Con.

Bureau of the Census—Con.

Current Population Reports. (Series on Population Characteristics, P-20; Special Studies, P-23; Population Estimates and Projections, P-25; Local Population Estimates, P-26; Farm Population, P-27; Special Censuses, P-28; and Consumer Income, P-60.)

Social Indicators, 1973; 1976; 1980.

Bureau of the Census and Department of Agriculture

Farm Population. Annual. (Series P-27.)

Bureau of Labor Statistics

Labor Force Statistics Derived From the Current Population Survey: A Databook. (Bulletin No. 2096.)

Special Labor Force Bulletins. Occasional.

U.S. Workers and Their Jobs: The Changing Picture. 1976. (Bulletin No. 1919.)

Women at Work: A Chartbook. 1983. (Bulletin No. 2168.)

Department of Agriculture

Farm Population Estimates, 1910-70. 1973. (Statistical Bulletin No. 523.) Supplemented annually until 1980.

Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Data on Vietnam Era Veterans, 1983.

Disability Compensation Data. Semiannual.

National Survey of Veterans. 1980. (Research Monograph No. 14.)

Selected Compensation and Pension Data by State of Residence. Annual.

State and County Veteran Population, March 1983. (RSM 70-83-4. October 1983.)

Veterans Benefits Under Current Education Programs. (RSM 70-8 - , issued and numbered annually.)

Other

Population Association of America, Washington, DC.

Demography. Quarterly.

Population Index. (Princeton University, Princeton, NJ, Woodrow Wilson School of Public and International Affairs for the Population Association of America, Inc.) Quarterly.

Postal Service—*see* Communications.

Power—*see* Energy.

Prices—*see* Commodity Prices; *and* Economic Indexes.

Prisons and Prisoners—*see* Law Enforcement.

Public Assistance—*see* Social Insurance.

Public Lands and Park Systems—*see also* Federal Government; *and* Recreation

U.S. Government

Bureau of Land Management

Public Land Statistics. Annual.

General Services Administration

Inventory Report on Real Property Leased to the United States Throughout the World. Annual.

Inventory Report on Real Property Owned by the United States Throughout the World. Annual.

National Park Service

Areas Administered by the National Park Service. Semiannual through 1978.

National Park Statistical Abstract. Annual.

Overnight Stays. Annual.

Other

National Association of State Park Directors, Indianapolis, IN

Annual Information Exchange.

Public Utilities—*see* Communications; Energy; *and* Transportation.

Puerto Rico—*see* Outlying Areas.

Radio—*see* Communications.

Railways—*see* Transportation.

Real Estate—*see* Agriculture; *and* Construction.

Reclamation Projects—*see* Agriculture.

Recreation—*see also* Public Lands

U.S. Government

Bureau of the Census

Census of Transportation. Quinquennial. (1977, most recent.)

Social Indicators, 1973; 1976; 1980.

Bureau of Economic Analysis

Survey of Current Business. Monthly.

Coast Guard

Boating Statistics. Annual.

Recreational Boating in the Continental United States in 1973 and 1976: The Nationwide Boating Survey.

Department of Transportation

U.S. International Air Travel Statistics. Annual.

Recreation—Con.

U.S. Government—Con.

Fish and Wildlife Service

Federal Aid in Fish and Wildlife Restoration. Annual.

National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. Quinquennial. (1980 most recent.)

National Park Service

National Park Statistical Abstract. Annual.

Other

National Association of State Racing Commissioners, Lexington, KY

Statistical Reports on Greyhound Racing in the United States. Annual.

Statistical Reports on Horse Racing in the United States. Annual.

National Golf Foundation, Inc., North Palm Beach, FL

Statistical Profile of Golf in the United States. 1984.

National Marine Manufacturers Association, Chicago, IL

Annual Market Research Notebook: The Marine Market. Periodically.

Boating. (A Statistical Report on America's Top Family Sport.) Annual.

State Boat Registration. Annual.

Religious Bodies

Other

American Jewish Committee and the American Jewish Publication Society, New York, NY

American Jewish Yearbook.

Glenmary Research Center, Atlanta, GA

Churches and Church Membership in the United States 1980, by B. Quinn, H. Anderson, M. Bradley, P. Goetting, and P. Shriver.

National Council of the Churches of Christ in the U.S.A., New York, NY

Yearbook of American and Canadian Churches. Annual.

Research and Development—*see* Scientific Resources.

Retail and Wholesale Trade—*see also* Commodity Prices; Economic Indexes; *and* Service Establishments

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Retail and Wholesale Trade—Con.

U.S. Government—Con.

Bureau of the Census

Annual Retail Trade Report.

Annual Wholesale Trade Report.

Census of Retail Trade. Quinquennial. (1982, most recent.)

Census of Wholesale Trade. Quinquennial. (1982, most recent.)

County Business Patterns. Annual.

Merchant Wholesalers—Measure of Value Produced, Capital Expenditures, Depreciable Assets, and Operating Expenses. (1977, most recent.)

Monthly Retail Trade Report. Sales and Inventories.

Monthly Wholesale Trade Report. Sales and Inventories.

Selected Characteristics of Retail Trade—Measure of Value Produced, Capital Expenditures, Depreciable Assets, and Operating Expenses. (1977, most recent.)

Bureau of Economic Analysis

Business Statistics: 1982. 1983.

Survey of Current Business. Monthly.

Bureau of Industrial Economics

Franchising in the Economy. Annual.

U.S. Industrial Outlook. Annual.

Bureau of Labor Statistics

Current Wage Developments. Monthly.

Employment and Earnings. Monthly with annual supplements.

Employment, Hours, and Earnings, States and Areas, 1939–82. 1984. (Bulletin No. 1370–17.)

Handbook of Labor Statistics. Annual.

Industry Wage Survey: Department Stores, June 1981. 1982. (Bulletin No. 2147.)

Monthly Labor Review.

Occupational Employment in Transportation, Communications, Utilities, and Trade. 1982. (Bulletin No. 2116.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

Producer Prices and Price Indexes. Monthly with annual supplement.

Productivity Measures for Selected Industries. Annual.

Other

Gralla Publications, Inc., New York, NY

Merchandising. Monthly.

Retail and Wholesale Trade—Con.

Other—Con.

Laventhol & Horwath, Philadelphia, PA

Executive Compensation and Fringe Benefits in the Restaurant Industry. (Published by the National Restaurant Association, Washington, DC, based on information prepared by Laventhol & Horwath.)

National Restaurant Association. NRA News. Monthly.

National Trends of Business in the Restaurant Industry. Monthly. (Published in conjunction with the National Restaurant Association.)

Restaurant Operations. Annual.

Lebhar-Friedman, Inc., New York, NY

Chain Store Age Executive Census Issue, July 1985. Monthly.

Chain Store Age General Merchandise Edition. Statistical Issues, June/July 1985. Monthly.

Computer and Software News. October 1985 Statistical Issue. Weekly.

Discount Store News. July 1985 Statistical Issue. Biweekly.

National Home Center News. May 1985 Statistical Issue. Biweekly.

Nation's Restaurant News. August 1985 Statistical Issue. Biweekly.

Market Statistics, New York, NY

The Survey of Buying Power Data Service. Annual.

Roads—*see* Transportation.

Sales—*see* Retail and Wholesale Trade.

Savings—*see* Consumer Income; *and* Money.

Savings and Loan Associations—*see* Money.

Scientific Resources

U.S. Government

Bureau of the Census

Current Industrial Reports, MQ37D. (Discontinued January 1984.)

Energy Research and Development Administration

The Nuclear Industry. Annual.

National Aeronautics and Space Administration

Satellite Situation Report. Semi-monthly.

National Science Foundation

Academic Science/Engineering: Graduate Enrollment and Support. Annual.

Academic Science/Engineering: R&D Funds. Annual.

Scientific Resources—Con.

U.S. Government—Con.

National Science Foundation—Con.

Academic Science/Engineering: R&D Funds, Scientists and Engineers, and Graduate Enrollment and Support. Biennial.

Academic Science/Engineering: Scientists and Engineers. Annual.

Activities of Science and Engineering Faculty in Universities and 4-Year Colleges: 1978/79. Special report. (NSF 81-323.)

Changing Employment Patterns of Scientists, Engineers, and Technicians in Manufacturing Industries: 1977-80. Final report. (NSF 82-331.)

Characteristics of Doctoral Scientists and Engineers in the United States. Biennial.

Characteristics of Experienced Scientists and Engineers. Biennial.

Characteristics of Recent Science/Engineering Graduates: 1980. Biennial.

Employment Attributes of Recent Science and Engineering Graduates. Special report. (NSF 80-325.)

Employment Patterns of Academic Scientists and Engineers: 1973-78. Special report. (NSF 80-314.)

Federal Funds for Research and Development. (Includes geographic distribution and funding by function.) Annual.

Federal R&D Funding by Budget Function. Annual.

Federal R&D Funding for Energy: Fiscal Years 1971-84. Special report. (NSF 83-301.)

Federal Scientific and Technical Personnel. Special report. (NSF 81-309.)

Federal Support to Universities, Colleges, and Selected Nonprofit Institutions. A report to the President and Congress. Annual.

Foreign Participation in U.S. Science and Engineering Higher Education and Labor Markets. Special report. (NSF 81-316.)

International Science and Technology Data Update.

National Patterns of Science and Technology Resources. Annual.

Occupational Mobility of Scientists and Engineers. Special report. (NSF 80-317.)

Problems of Small, High-Technology Firms. Special report. (NSF 81-305.)

Projected Response of the Science, Engineering, and Technical Labor Market to Defense and Nondefense Needs:

Scientific Resources—Con.

U.S. Government—Con.

National Science Foundation—Con.

1982-84. Special report. (NSF 84-304.)

Projections of Degrees and Enrollment in Science and Engineering Fields to 1985. Special report. (NSF 76-301.)

Projections of Science and Engineering Doctorate Supply and Utilization, 1982 and 1987. Special report. (NSF 79-303.)

1990 R&D Funding Projections. Special report. (NSF 82-315.)

Research and Development in Industry. Annual.

Research and Development in State and Local Governments 1977. Special report. (NSF 79-327.)

Science and Engineering Degrees: 1950-80. A Source Book. Special report. (NSF 82-307.)

Science and Engineering Doctorates: 1960-81. Special report. (NSF 83-309.)

Science and Engineering Employment: 1970-80. Special report. (NSF 81-310.)

Science and Engineering Personnel: A National Overview. Biennial.

Science and Technology Data Book. Annual. (NSF 83-318.)

Science Indicators. Biennial.

Science Resources Studies Highlights. Frequent.

Despite Recession, Companies' Own R&D Funding Rose 13% During 1982. (NSF 84-314.)

Industry Reports Shortages of Scientists and Engineers Down Substantially From 1982 to 1983. (NSF 84-303.)

Scientific, Engineering, and Technical Personnel in Private Industry. Annual.

Scientists and Engineers From Abroad. *Special report.* (NSF 80-324.)

Scientists, Engineers, and Technicians in Manufacturing and Nonmanufacturing Industries. Special report. (NSF 83-324.)

Stock of Science and Engineering Master's Degree-Holders in the United States. Special report. (NSF 81-302.)

Scientists, Engineers, and Technicians in Trade and Regulated Industries: 1982. Special report. (NSF 84-320.)

Trends to 1982 in Industrial Support of Basic Research. Special report. (NSF 83-302.)

U.S. Scientists and Engineers. Biennial.

Scientific Resources—Con.

U.S. Government—Con.

National Science Foundation—Con.

Women and Minorities in Science and Engineering. Biennial.

Young and Senior Science and Engineering Faculty. Special report. (NSF 81-319.)

Patent and Trademark Office

Commissioner of Patents and Trademarks Annual Report.

Other

National Academy of Sciences, Washington, DC

Science, Engineering, and Humanities Doctorates in the United States. Biennial.

Summary Report. Doctorate Recipients from United States Universities. Annual.

Securities—*see* Investments; *and* Money.

Service Establishments—*see also* Retail and Wholesale Trade

U.S. Government

Bureau of the Census

Census of Service Industries. Quinquennial. (1982, most recent.)

Monthly Selected Services Receipts. (Series BS.) (Discontinued December 1981.)

Selected Characteristics of Selected Service Industries—Measure of Capital Expenditures, Depreciable Assets, and Operating Expenses. (1977, most recent.)

Service Annual Survey Report.

Internal Revenue Service

Statistics of Income. (Annual reports on Corporation Income Tax Returns, Sole Proprietorship Returns, and Partnership Returns. Periodic reports on Foreign Income and Tax Reported on U.S. Corporation Tax Returns.)

Statistics of Income Bulletin. Quarterly.

Other

Decker Communications, Inc., New York, NY

Marketing Communications. (Advertising.) Monthly.

Laventhol & Horwath, Philadelphia, PA

The Executive Conference Center: A Statistical and Financial Profile. Annual.

Gaming Industry Study. Annual.

Service Establishments—Con.

Other—Con.

Laventhol & Horwath, Philadelphia, PA—Con.

Lifecare Industry. Annual. (Analysis of facilities by size and section of the country for selected financial data, resident census information, and medical costs.)

National Trends of Business in the Lodging Industry. Monthly. (Analysis of nationwide trends in sales, occupancy, and room rates of hotels, motor hotels, and economy lodging facilities.)

Trends of Business in Hotels. Monthly. (Analysis of nationwide trends in sales, occupancy, and room rates throughout Canada.)

U.S. Economy Lodging Industry. Annual. (Report on economy lodging operations.)

U.S. Lodging Industry. Annual. (Report on hotel and motor hotel operations.)

Worldwide Lodging Industry. Annual. (Report on international hotel operations.)

Pannell Kerr Forster, Houston, TX

Clubs in Town and Country. Annual.

Trends in the Hotel Industry, International Edition. Annual.

Trends in the Hotel Industry, U.S.A. Edition. Annual.

Social Insurance and Human Services—*see also* Insurance; *and* Labor

U.S. Government

Bureau of the Census

Census of Governments. Quinquennial. (1982, most recent.)

Consolidated Federal Funds Report, Fiscal year 1983.

Volume I County Areas

Volume II Subcounty Areas

Volume III Federal Expenditures by State

Current Population Reports (series P-60, Consumer Income.)

Finances of Employee-Retirement Systems of State and Local Governments. Annual. (GF No. 2.)

Finances of Selected Public Employee Retirement Systems. Quarterly. (GR Nos. 1-4.)

Social Indicators, 1973; 1976; 1980.

Bureau of Labor Statistics

Monthly Labor Review.

Social Insurance and Human Services—Con.

U.S. Government—Con.

Department of Health and Human Services

Annual Medicare Program Statistics.

Annual Report.

Department of Labor

Annual Report of the Secretary.

Employment and Training Administration

Unemployment Insurance Claims. Weekly.

Unemployment Insurance Statistics. Monthly.

Health Care Financing Administration

Health Care Financing Notes. Preliminary descriptive program data. Annual.

Health Care Financing Program Statistics. Medicare and Medicaid data. Annual.

Office of Personnel Management

Compensation Report. Annual.

Monthly Release of Federal Civilian Workforce Statistics.

Rehabilitation Services Administration

Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Year. Annual.

Characteristics of Clients Rehabilitated in Fiscal Year. Annual.

State Vocational Rehabilitation Agency Program Data in Fiscal Year. Annual.

Railroad Retirement Board, Chicago, IL

Annual Report.

Securities and Exchange Commission

Annual Report.

Statistical Review. Monthly.

Social Security Administration

AFDC: 1975 Recipient Characteristics Study. (Part I, Demographic and Program Statistics, 1977.) (Part II, Child Support Enforcement, 1978.) (Part III, Financial Circumstances, 1978.) (Part IV, Social Services, 1978.)

Aid to Families With Dependent Children: A Chartbook. 1978.

Almost 65: Baseline Data From the Retirement History Study. 1976. (Research Report No. 49.)

Applications and Case Dispositions for Public Assistance. Quarterly. (Report A-12.)

The Assets of the Elderly as They Retire. 1980.

Benefits and Beneficiaries Under Public Employee Retirement Systems. Calendar Year 1977. 1980. (Research and Statistics Note No. 4.)

Social Insurance and Human Services—Con.

U.S. Government—Con.

Social Security Administration—Con.

Characteristics of Social Security Disability Insurance Beneficiaries, 1977-79. 1983.

A Comparison of Disability Insurance Trust Fund Savings and Costs for the Beneficiary Rehabilitation Programs. (Research Reports.)

The Effects of Disability on Lifetime Earnings. 1978. (Staff Paper No. 30.)

Effects of OASDI Benefit Increase, December 1983. 1984.

Federal Matching Provisions for AFDC. (Research and Statistics Note No. 2. 1979.)

Hearings on Public Assistance. Annual. (Report No. E-8.)

Income and Resources of the Aged: Chartbook. 1981.

Income of the Population 55 and Over, 1982. 1984.

Indochina Refugees Receiving Supplemental Security Income, July 1978. 1980. (Research and Statistics Note No. 6.)

Monthly Benefit Statistics Note. Monthly.

Pension Coverage and Vesting Among Private Wage and Salary Workers, 1979: Preliminary Estimates from the 1979 Survey of Pension Plan Coverage. 1980.

Preliminary Findings from the 1978 Survey of Survivor Families with Children. 1980. (Research and Statistics Note No. 12.)

Program and Demographic Characteristics of SSI Beneficiaries. Annual.

Public Assistance Recipients and Cash Payments by State and County. Annual.

Public Assistance Statistics. Monthly.

Receipt of Multiple Benefits by Disabled-Worker Beneficiaries. (Staff Paper No. 40.)

Social Security Beneficiaries by State and County, December 1982. 1984.

Social Security Beneficiaries in Metropolitan Areas. Annual.

Social Security Beneficiaries Residing Abroad 1978.

Social Security Bulletin. Monthly with annual statistical supplement. (Data on OASDHI, supplemental security income, aid to families with dependent children, and black lung programs.)

Social Welfare Expenditures Under Public Programs. Annual.

SSI Beneficiaries in Metropolitan Areas, December 1979. 1982. (Research and Statistics Note.)

Social Insurance and Human Services—Con.

U.S. Government—Con.

Social Security Administration—Con.

SSI Recipients and Title XX Services, July-September 1977. 1980. (Research and Statistics Note No. 14.)

SSI Recipients in Medical Facilities Covered by Title XIX (MEDICAID), December 1979. 1981. (Research and Statistics Note No. 2.)

State and Local Government Employment Under OASDI. Annual.

Supplemental Security Income for the Aged: A Comparison of Five Countries. (Staff Paper No. 15.)

The Supplemental Security Income Program for the Aged, Blind, and Disabled: Selected Characteristics of State Supplementation Programs as of January 1982. 1982.

Supplemental Security Income, State and County Data. Annual.

Survey of Blind and Disabled Children Receiving Supplemental Security Income (SSI) Benefits. 1980.

Survey of Disability and Work: Technical Introduction. 1978. January 1982.

Trends Since 1960 In the Economic Status of Aged Men and Women. 1983. (Research and Statistics Note No. 3.)

Work Disability in the United States; a Chartbook. 1980.

Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Government Life Insurance Programs for Veterans and Members of the Services. Annual.

Other

American Association of Fund-Raising Counsel, Inc., New York, NY

Giving USA. Annual.

American Red Cross, Washington, DC

Annual Report.

Boy Scouts of America, National Council, Irving, TX

Annual Report.

Local Council Index.

The Foundation Center, New York, NY

The Foundation Grants Index. Edition 13. 1984.

National Data Book. Edition 8. 1984.

Girl Scouts of the U.S.A., New York, NY

Annual Report.

Social Insurance and Human Services—Con.

Other—Con.

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL)

United Way of America, Alexandria, VA

Annual Directory.

Soil Conservation—*see* Agriculture.

Sports—*see* Recreation.

State and Local Government—*see also* Federal Government

U.S. Government

Bureau of the Census

Census of Governments. Quinquennial. (1982, most recent.)

City Employment. Annual. (GE No. 2.)

City Government Finances. Annual. (GF No. 4.)

County Government Employment. Annual. (GE No. 4.)

County Government Finances. Annual. (GF No. 8.)

Environmental Quality Control. Governmental Finances. Annual. (1979–80, last issue.) (GSS No. 103.)

Expenditures of General Revenue Sharing and Anti-recession Fiscal Assistance Funds. 1977–78. (GSS No. 96.)

Federal Expenditures by State for Fiscal Year 1983. Annual.

Finances of Employee-Retirement Systems of State and Local Governments. Annual. (GF No. 2.)

Finances of Public School Systems. Annual. (GF No. 10.)

Finances of Selected Public Employee Retirement Systems. Quarterly. (GR Nos. 1–4.)

Governmental Finances. Annual. Covers Federal, State, and local governments. (GF No. 5.)

Labor-Management Relations in State and Local Governments: 1980. (GSS No. 102.)

Local Government Employment in Selected Metropolitan Areas and Large Counties. Annual. (GE No. 3.)

Local Government Finances in Selected Metropolitan Areas and Large Counties. Annual. (GF No. 6.)

Property Values Subject to Local General Property Taxation in the United States. 1979. (GSS No. 98.)

Public Employment. Annual. (GE No. 1.)

Quarterly Summary of State and Local Tax Revenue. (GT Nos. 1–4.)

State and Local Government—Con.

U.S. Government—Con.

Bureau of the Census—Con.

State and Local Ratio Studies, Property Tax Assessment, and Transfer Taxes. (GSS No. 99.)

State Government Finances. Annual. (GF No. 3.)

State Government Tax Collections. Annual. (GF No. 1.)

Taxes and Intergovernmental Revenue of Counties, Municipalities, and Townships. Annual. (1978–79, last issue.) (GF No. 9.)

Bureau of Justice Statistics (formerly Law Enforcement Assistance Administration) and Bureau of the Census

Expenditure and Employment Data for the Criminal Justice System. Annual.

Department of the Treasury

Federal Aid to States. Annual.

Federal Highway Administration

Highway Statistics. Annual.

National Science Foundation

Research and Development in State and Local Governments 1977. Special report. (NSF 79-327.)

Office of Management and Budget

The Budget of the United States Government. Published annually in a group of five documents; see listing under "Federal Government Finances and Employment."

Social Security Administration

Benefits and Beneficiaries Under Public Employee Retirement Systems. Calendar Year 1977. 1980. (Research and Statistics Note No. 4.)

State and Local Government Employment Under OASDI. Annual.

Other

Advisory Commission on Intergovernmental Relations, Washington, DC

Measuring Metropolitan Fiscal Capacity and Effort. 1983.

Payments in Lieu of Taxes on Federal Real Property. 1981.

Regional Growth-Interstate Tax Competition. 1981.

Significant Features of Fiscal Federalism. Annual.

Tax Burdens for Families Residing in the Largest City in Each State, 1982. 1984.

Tax Capacity of the Fifty States. Annual.

State and Local Government—Con.

Other—Con.

The Council of State Governments, Lexington, KY
American State Legislatures: Their Structures and Procedures, 1977.
The Book of the States. Biennial.
State Administrative Officials Classified by Function. Biennial.
State Court Systems, 1978.

International City Management Association, Washington, DC
Compensation '84.
Municipal Year Book.

National Governors' Association and National Association of State Budget Officers, Washington, DC
Budgetary Processes in the States. July 1981.
Fiscal Survey of the States. Annual.

The Tax Foundation, Inc., Washington, DC
Facts and Figures on Government Finance. Biennial.

Stocks and Bonds—*see* Investments.

Stores—*see* Retail and Wholesale Trade *and* Service Establishments.

Tax Collections—*see* Federal Government; *and* State and Local Government.

Telephone and Telegraph Systems—*see* Communications.

Television—see Communications.

Trade—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Service Establishments.

Transportation—*see also* Foreign Commerce; *and* Roads

U.S. Government

Army, Corps of Engineers
Waterborne Commerce of the United States (in five parts). Annual.

Bureau of the Census
Census of Transportation. Quinquennial. (1977, most recent.)
U.S. Waterborne Exports and General Imports. Monthly and annual. (FT 985.)
Vessel Entrances and Clearances: Annual Report. (FT 975.)

Bureau of Economic Analysis
Business Statistics: 1982. 1983.
Survey of Current Business. Monthly.

Civil Aeronautics Board
Air Carrier Financial Statistics. Quarterly.

Transportation—Con.

U.S. Government—Con.

Civil Aeronautics Board—Con.
Air Carrier Traffic Statistics. Monthly.
Handbook of Airline Statistics. Annual, with biennial supplements.

Coast Guard
Marine Safety Statistical Review.
Merchant Vessels of the United States. Annual.

Department of State, Bureau of Consular Affairs
Summary of Passport Statistics. Annual.

Department of Transportation
National Transportation Statistics. Annual.
Transportation Safety Information Report. Quarterly.
U.S. International Air Travel Statistics. Annual.

Federal Aviation Administration
Census of U.S. Civil Aircraft. Annual.
FAA Air Traffic Activity. Annual, for fiscal years.
FAA Statistical Handbook of Aviation. Annual.
General Aviation Activity and Avionics Survey. Annual.
U.S. Civil Airman Statistics. Annual.

Federal Aviation Administration and Civil Aeronautics Board
Airport Activity Statistics of Certificated Route Air Carriers. Annual.

Federal Highway Administration
Cost of Owning and Operating Automobiles and Vans. Periodic.
Drivers Licenses. Annual.
Highway Statistics. Annual.
Traffic Speed Trends. Annual.

Interstate Commerce Commission
Annual Report.
Class I Freight Railroads Selected Earnings Data. Quarterly.
Large Class I Household Goods Carriers Selected Earnings Data. Quarterly.
Large Class I Motor Carriers of Passengers Selected Earnings Data. Quarterly.
Large Class I Motor Carriers of Property Selected Earnings Data. Quarterly.
Revenue and Traffic of Carriers by Water. Quarterly, with summary for calendar year. (Discontinued in 1979.)

Transportation—Con.

U.S. Government—Con.

Interstate Commerce Commission—Con.

Transport Statistics in the United States. Issued annually in two separate parts.

Part 1: Railroads.

Part 2: Motor Carriers.

Maritime Administration

Annual Report.

Bulk Carriers in the World Fleet. Annual.

Containerized Cargo Statistics. Annual.

Employment Report of United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over. Annual. (Monthly and quarterly data available from source.)

Foreign Flag Merchant Ships Owned by U.S. Parent Companies. Annual.

Maritime Manpower Report. Monthly.

New Ship Construction. Annual.

A Statistical Analysis of the World's Merchant Fleets. Annual.

United States Oceanborne Foreign Trade Routes. Annual.

Other

Aerospace Industries Association of America, Washington, DC

Aerospace Facts and Figures. Annual.

Net New Orders, Shipments, and Backlog for Jet Transport Aircraft. Quarterly.

Commercial Helicopter Shipments. Quarterly.

Air Transport Association of America, Washington, DC

Air Transport Facts and Figures. Annual. Quarterly Review.

American Bureau of Shipping, New York, NY

The Record. Annual.

American Bus Association, Washington, DC

Annual Report.

Bus Facts. Annual.

American Public Transit Association, Washington, DC

Transit Fact Book. Annual.

Association of American Railroads, Washington, DC

Cars of Revenue Freight Loaded. Weekly with annual summary.

Freight Commodity Statistics, Class I Railroads in the United States. Annual.

Statistics of Railroads of Class I. Annual.

Yearbook of Railroad Facts.

Transportation—Con.

Other—Con.

Automotive News Almanac (Slocum Publishing Company, Detroit, MI.) Annual.

Chilton Company, Radnor, PA

Annual Statistical Issue, Automotive Industries.

Commercial Carrier Journal.

General Aviation Manufacturers Association, Washington, DC

Shipment Report. Monthly and Annual.

Statistical Databook. Annual.

Lake Carriers' Association, Cleveland, OH

Annual Report.

Monthly Bulk Commodities Report.

Lloyd's Register of Shipping, London, England

Annual Summary of Merchant Ships Completed in the World.

Annual Summary of Merchant Ships Totally Lost, Broken Up, etc., in the World. Also quarterly until Dec. 1983.

Quarterly Shipbuilding Returns (Merchant Ships Under Construction, and Ships Not Commenced in the World).

Statistical Tables. Annual. Analysis of world merchant fleet.

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI

Motor Vehicle Facts and Figures. Annual.

World Motor Vehicle Data. Annual.

National Air Carrier Association, Washington, DC

Annual Report.

Railway Age. (Simmons-Boardman Publishing Corp., New York, NY) Monthly. (Annual review and outlook issue.)

Regional Airline Association, Washington, DC

Annual Report.

Shipbuilders Council of America, Washington, DC

Annual Report.

Tanker Advisory Center, Inc., New York, NY

Worldwide Tanker Casualty Returns. Quarterly.

Transportation Association of America, Washington, DC

Transportation Facts and Trends. (Discontinued.)

Transportation—Con.

Other—Con.

Transportation Policy Associates, Washington, DC

Transportation in America. March, annually with periodic supplements.

Travel—*see* Recreation *and* Transportation.

Unemployment Insurance—*see* Labor; *and* Social Insurance.

Utilities, Public—*see* Communications; Energy; *and* Transportation.

Veterans—*see* National Defense; *and* Population.

Virgin Islands of the United States—*see* Outlying Areas.

Vital Statistics—*see also* Accidents; *and* Health

U.S. Government

Centers for Disease Control, Atlanta, GA

Abortion Surveillance. Annual Summary 1979–1980.

Morbidity and Mortality Weekly Report. Annual summary also.

National Center for Health Statistics

Monthly Vital Statistics Report. Provisional Statistics. Annual summary also.

Vital and Health Statistics. (A series of statistical reports covering health-related topics.)

Series 20: Mortality Data. Irregular.

Series 21: Natality, Marriage, and Divorce Data. Irregular.

Series 23: National Survey of Family Growth Statistics. Irregular.

Vital Statistics of the United States. Annual.

Other

The Alan Guttmacher Institute, New York, NY

Abortion: Need, Services and Policies: Each State. 1979.

Abortion Services in the United States, Each State and Metropolitan Area, 1979–1980. 1983.

Abortions and the Poor: Private Mortality, Public Responsibility. 1979.

Family Planning Perspectives. Monthly.

United Nations Statistical Office, New York, NY

Demographic Yearbook.

Population and Vital Statistics Report. (Statistical Papers, Series A.) Quarterly.

Statistical Yearbook.

Vital Statistics—Con.

Other—Con.

United Nations Statistical Office, New York, NY—Con.

1977 Supplement to the Statistical Yearbook and the Monthly Bulletin of Statistics, Methodology, and Definitions. 1979.

World Health Organization, Geneva, Switzerland

Annual Epidemiological and Vital Statistics.

Epidemiological and Vital Statistics Report. Monthly.

World Health Statistics. Quarterly and annual.

Vocational Rehabilitation and Education

U.S. Government

Bureau of the Census

Social Indicators, 1973; 1976; 1980.

Department of Education

Annual Report.

Office of Management and Budget

The Budget of the United States Government. Published annually in a group of five documents; see listing under "Federal Government Finances and Employment."

Rehabilitation Services Administration

Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Year. Annual.

Characteristics of Clients Rehabilitated in Fiscal Year. Annual.

State Vocational Rehabilitation Agency Program Data in Fiscal Year. Annual.

Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Disability Compensation Data. Semiannual.

Disability and Death Pension Data. Semiannual.

Disabled Veterans of the Vietnam Era—Education and Training Under the GI Bill and the Vocational Rehabilitation Program. May 1979.

Employment and Unemployment Among Vietnam Era Veterans—An Analysis of the 1979 National Survey of Veterans. August 1981.

Flight Training Under the GI Bill. September 1980.

Historical Data on the Usage of Educational Benefits: 1944–1983. April 1984.

Vocational Rehabilitation and Education—Con.

U.S. Government—Con.

Veterans Administration—Con.

Reports and Statistics Monographs—Selected Compensation and Pension Data, by State of Residence. Annual.

Reports and Statistics Monographs—Veterans Benefits under Current Educational Programs. Annual.

Women Veterans—Use of Educational Benefits Under the GI Bill. September 1981.

Wages and Wage Rates—*see* Labor; *and* Social Insurance.

Wealth—*see* National Income.

Weather—*see* Climate.

Welfare Services—*see* Health; *and* Social Insurance.

Wholesale and Retail Trade—*see* Retail and Wholesale Trade.

Wholesale Prices—*see* Commodity Prices.

Work Relief—*see* Social Insurance.

Work Stoppages—*see* Labor.

Bureau of the Census Publications

In most cases, separate reports of the most recent censuses are available for each State, subject, industry, etc. Complete information on publications of all the censuses and current surveys conducted by the Bureau of the Census appears in the *Bureau of the Census Catalog,* published annually and available from the Superintendent of Documents.

Guide to State Statistical Abstracts

This bibliography includes the most recent statistical abstracts for States and Puerto Rico published since 1974 plus those that will be issued in late 1984 or early 1985. For some States, a near equivalent has been listed in substitution for, or in addition to, a statistical abstract. All sources contain statistical tables on a variety of subjects for the State as a whole, its component parts, or both. The page counts given for publications are approximate.

Alabama

University of Alabama, University, Center for Business and Economic Research

Economic Abstract of Alabama. 1984. 430 pp.

Alaska

Office of the Governor, Juneau, Division of Budget and Management

The Alaska Statistical Review. 1982.

Arizona

Valley National Bank, Phoenix

Arizona Statistical Review. 40th ed. 1984.

University of Arizona, Tucson, Division of Economic and Business Research, College of Business and Public Administration

Arizona Statistical Abstract: A 1979 Data Handbook. 640 pp. (No longer published.)

Arizona Economic Indicators. 52 pp. (Biennial.)

Arkansas

University of Arkansas at Little Rock, Division of Regional and Economic Analysis

State and County Economic Data for Arkansas. 19 pp. (Revised Annually.)

California

Department of Finance, Sacramento

California Statistical Abstract, 1984. 225 pp.

Colorado

Transrep/bibliographics, Denver

Statistical Abstract of Colorado, 1976-1977 Thomas G. Tyler, editor. 1977. 515 pp.

Connecticut

Connecticut Department of Economic Development, Hartford, Business Office

Connecticut Market Data. 1983. 86 pp.

Delaware

Delaware Development Office, Dover

Dimensions on Delaware, A Statistical Abstract for 1979. (Out of Print.)

Delaware Data Book, 1984. 100 pp.

District of Columbia

Office of Planning, Data Services Division, District of Columbia

Population Estimates and *Housing Units,* annual.

Florida

University of Florida, Gainesville, Bureau of Economic and Business Research

Florida Statistical Abstract, 1984. 18th ed. 1984.

Georgia

University of Georgia, Athens, Division of Research, College of Business Administration

Georgia Statistical Abstract, 1984. 1984. 480 pp.

Office of Planning and Budget, Atlanta

Georgia Descriptions in Data, 1984. 184 pp.

Hawaii

Hawaii State Department of Planning and Economic Development, Honolulu

The State of Hawaii Data Book 1983: A Statistical Abstract. 17th ed. 1983. 663 pp.

University of Hawaii Press, Honolulu

Historical Statistics of Hawaii. 1977. 711 pp.

Idaho

University of Idaho, Moscow, Center for Business Development and Research

Idaho Statistical Abstract. 1980. 415 pp. (Out of print.)

Illinois

Bureau of the Budget, Springfield
Statistical Abstract, 1981. 159 pp.

Department of Commerce and Community Affairs, Springfield
Illinois State and Regional Economic Data Book—1982. 245 pp.

Indiana

Indiana University, Division of Research, School of Business, Bloomington
Indiana Fact Book, 1984–85. 320 pp.

Iowa

Iowa Development Commission, Des Moines, Research and Development Group
1984 Statistical Profile of Iowa. 117 pp.

Kansas

University of Kansas, Lawrence, Center for Public Affairs
Kansas Statistical Abstract, 1983. 19th ed. 1984.

Kentucky

Kentucky Department of Economic Development, Frankfort
Kentucky Economic Statistics. 20th ed. 1984.

Louisiana

University of New Orleans, New Orleans, Division of Business and Economic Research and Louisiana State Planning Office, Baton Rouge
Statistical Abstract of Louisiana. 7th ed. 1981. 413 pp.

Maine

Maine State Development Office, Augusta
Maine: A Statistical Summary. (Updated periodically.)

Maryland

Department of Economic and Community Development, Annapolis
Maryland Statistical Abstract. 1984–85. 264 pp. (Biennial).

Massachusetts

Fred J. Gibney, Gloucester
Monograph of The Commonwealth of Massachusetts. (34 pp; updated periodically.)

Michigan

Wayne State University, Detroit, Bureau of Business Research, School of Business Administration
Michigan Statistical Abstract. 18th ed. 1984. 690 pp.

Minnesota

Minnesota Department of Energy, Planning and Development, St. Paul
Minnesota Statistical Profile. 1981. (Out of print.)

Blue Sky Marketing, Inc., St. Paul
Minnesota Pocket Data Book, 1983–84. 362 pp.

Mississippi

Mississippi State University, Mississippi State, College of Business and Industry, Division of Research
Mississippi Statistical Abstract. 1984. 700 pp.

Missouri

University of Missouri, Columbia, Research Center
Statistical Abstract for Missouri, 1985. 208 pp.

Montana

Montana Department of Commerce and Economic Information Center, Helena.
Montana Statistical Abstract. 1985. 1st ed. 100 pp.
Montana County Profiles. 1983. (Separate county reports updated periodically.)

Nebraska

Department of Economic Development, Lincoln, Division of Research
Nebraska Statistical Handbook. 1984–1985. 308 pp.

Nevada

Office of Community Services, Carson City
Nevada Statistical Abstract. 1983–84. 230 pp.
Nevada Statewide Profile. 1984–85. 101 pp.

New Hampshire

Office of State Planning, Concord

Selected Characteristics of New Hampshire Communities. December 1979. 10 pp. (Out of print.)

Selected Economic Characteristics of New Hampshire Communities. February 1980. 11 pp. (Out of print.)

New Jersey

Office of Demographic and Economic Analysis, Trenton

County Data Summary, 1982. 2 pp.

New Mexico

University of New Mexico, Albuquerque, Bureau of Business and Economic Research

New Mexico Statistical Abstract. 1984. 180 pp. (Biennial.)

New York

Nelson Rockefeller Institute of Government, Albany

New York State Statistical Yearbook, 1984–85. 11th ed. 460 pp.

North Carolina

Office of State Budget and Management, Raleigh, Research and Planning Services Section

North Carolina State Government Statistical Abstract. 1984. 5th ed. 575 pp.

Profile—North Carolina Counties. 5th ed. 1981. 267 pp. (*Profile, Update,* 1982, 47 pp.)

North Dakota

University of North Dakota, Bureau of Business and Economic Research, Grand Forks

The Statistical Abstract of North Dakota. 1983. 657 pp.

Economic Development Commission, Bismarck

North Dakota Growth Indicators. 1985. 85 pp.

Ohio

Department of Development, Columbus, Ohio Data Users Center (ODUC)

ODUC Data Sets (Updated continuously.)

Oklahoma

University of Oklahoma, Norman, Center for Economic and Management Research

Statistical Abstract of Oklahoma, 1984. 450 pp.

Oregon

Secretary of State, Salem

Oregon Blue Book, 1985–1986. 424 pp. (Biennial.)

Pennsylvania

Department of Commerce, Harrisburg, Bureau of Statistics, Research and Planning

Pennsylvania Statistical Abstract, 1984. 26th ed. 1984. 245 pp.

Rhode Island

Department of Economic Development, Providence

Rhode Island Basic Economic Statistics. 1982–1983. 200 pp.

South Carolina

Budget and Control Board, Columbia, Division of Research and Statistical Services

South Carolina Statistical Abstract: 1983. 350 pp.

South Dakota

South Dakota State Planning Bureau, Pierre

South Dakota Facts. 1976. 328 pp.

(No longer published.)

Tennessee

University of Tennessee, Knoxville, Center for Business and Economic Research

Tennessee Statistical Abstract, 1984–85. 7th ed. 762 pp. (Annual.)

Texas

Dallas Morning News, Dallas

Texas Almanac, 1984–1985. 1983. 704 pp.

University of Texas, Austin, Bureau of Business Research

Texas Fact Book, 1984. 5th ed. 229 pp.

Utah

University of Utah, Salt Lake City, Bureau of Economic and Business Research

1983 Statistical Abstract of Utah. 1983. (Triennial.)

Utah Foundation, Salt Lake City

Statistical Review of Government in Utah. 1984. 101 pp. (1985 edition to be issued in April 1985.)

Vermont

Office of the Governor, Policy Research and Coordination Staff, Montpelier

Demographic and Economic Data Sets. (Periodically updated.)

Washington

Washington State Office of Financial Management, Olympia

Washington State Data Book, 1983. 289 pp.

Washington State Research Council, Olympia

The Fact Book. 1984. 121 pp.

West Virginia

West Virginia Chamber of Commerce, Charleston

West Virginia: An Economic-Statistical Profile, 1982. 287 pp.

West Virginia Research League, Inc., Charleston

Economic Indicators. 1981. 92 pp. (Out of print.)

The 1984 Statistical Handbook. 1984. 76 pp.

Wisconsin

Department of Administration, Madison, Bureau of Planning and Budget, Demographic Services Center

Wisconsin Statistical Abstract. 4th ed. 1979. 215 pp.

Legislative Reference Bureau, Madison

1983–1984 Wisconsin Blue Book. 1,000 pp. (Biennial.)

Wyoming

Department of Administration and Fiscal Control, Cheyenne, Division of Research and Statistics

Wyoming Data Handbook, 1983. 201 pp.

Puerto Rico

Planning Board, Santurce, Area of Economic and Research Evaluation, Bureau of Economic Analysis and Projections

Statistical Yearbook, 1976. 209 pp.

Socioeconomic Statistics, 1980. 14 pp.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	RESIDENT POPULATION [1] (July 1)									
	Total,[2] 1983		Percent change,[3] 1980–83		Per square mile,[4] 1983		Percent under 18 years old,[5] 1983		Percent 65 years old and over,[5] 1983	
	Number (1,000)	Rank	Percent	Rank	Number	Rank	Percent	Rank	Percent	Rank
United States	**233,981**	(x)	**3.3**	(x)	**66**	(x)	**26.7**	(x)	**11.7**	(x)
New England:										
Maine	1,146	38	1.9	29	37	36	26.9	30	13.0	11
New Hampshire	959	41	4.2	18	107	20	26.2	38	11.6	26
Vermont	525	48	2.6	23	57	30	26.7	32	11.7	24
Massachusetts	5,767	11	.5	44	737	3	23.9	48	13.2	9
Rhode Island	955	42	.8	41	905	2	23.8	49	14.1	2
Connecticut	3,138	27	1.0	39	644	4	24.2	47	12.7	13
Middle Atlantic:										
New York	17,667	2	.6	43	373	6	25.0	45	12.6	14
New Jersey	7,468	9	1.4	35	1,000	1	25.0	44	12.3	18
Pennsylvania	11,895	4	.3	46	265	8	24.8	46	13.8	5
East North Central:										
Ohio	10,746	6	− .5	49	262	9	27.1	27	11.6	26
Indiana	5,479	14	− .2	47	152	15	27.8	19	11.4	30
Illinois	11,486	5	.5	45	206	10	27.1	28	11.6	26
Michigan	9,069	8	−2.1	50	159	13	27.8	21	10.8	34
Wisconsin	4,751	16	1.0	40	87	24	27.1	25	12.6	14
West North Central:										
Minnesota	4,144	21	1.7	33	52	32	27.2	24	12.3	18
Iowa	2,905	29	− .3	48	52	33	27.1	26	13.9	4
Missouri	4,970	15	1.1	38	72	27	26.4	36	13.6	6
North Dakota	680	46	4.2	17	10	45	28.7	10	12.5	16
South Dakota	700	45	1.3	36	9	46	29.1	9	13.6	6
Nebraska	1,597	36	1.7	31	21	41	27.6	22	13.3	8
Kansas	2,425	32	2.6	25	30	38	26.7	31	13.2	9
South Atlantic:										
Delaware	606	47	2.0	28	314	7	25.6	42	10.8	34
Maryland	4,304	19	2.1	26	438	5	25.4	43	10.1	38
District of Columbia	623	(x)	−2.4	(x)	9,889	(x)	21.7	(x)	11.8	(x)
Virginia	5,550	13	3.8	21	140	16	25.7	41	10.0	39
West Virginia	1,965	34	.8	42	81	25	27.5	23	12.8	12
North Carolina	6,082	10	3.4	22	125	17	26.3	37	11.0	32
South Carolina	3,264	25	4.6	16	108	19	28.4	12	9.8	40
Georgia	5,732	12	4.9	14	99	22	28.3	13	9.8	40
Florida	10,680	7	9.6	5	197	11	23.0	50	17.5	1
East South Central:										
Kentucky	3,714	23	1.5	34	94	23	27.9	17	11.6	26
Tennessee	4,685	17	2.0	27	114	18	26.6	34	11.8	23
Alabama	3,959	22	1.7	32	78	26	28.1	15	11.9	21
Mississippi	2,587	31	2.6	24	55	31	30.9	5	11.7	24
West South Central:										
Arkansas	2,328	33	1.8	30	45	35	28.0	16	14.1	2
Louisiana	4,438	18	5.5	13	100	21	30.6	7	9.6	42
Oklahoma	3,298	24	9.0	7	48	34	27.8	18	11.9	21
Texas	15,724	3	10.5	4	60	29	29.5	8	9.4	43
Mountain:										
Montana	817	44	3.9	20	6	48	28.6	11	11.4	30
Idaho	989	40	4.8	15	12	43	32.2	2	10.6	36
Wyoming	514	49	9.5	6	5	49	30.9	4	7.9	48
Colorado	3,139	26	8.6	9	30	37	27.0	29	8.6	47
New Mexico	1,399	37	7.4	10	12	44	30.7	6	9.3	44
Arizona	2,963	28	9.0	8	26	40	28.1	14	12.0	20
Utah	1,619	35	10.8	3	20	42	37.6	1	7.6	49
Nevada	891	43	11.3	2	8	47	25.7	40	9.1	45
Pacific:										
Washington	4,300	20	4.1	19	65	28	26.7	33	11.0	32
Oregon	2,662	30	1.1	37	28	39	26.6	35	12.5	16
California	25,174	1	6.4	11	161	12	26.0	39	10.4	37
Alaska	479	50	19.2	1	1	50	32.2	3	3.0	50
Hawaii	1,023	39	6.0	12	159	14	27.8	20	8.7	46

X Not applicable. [1] Source: U.S. Bureau of the Census. [2] See table 11, 1985 Statistical Abstract. [3] See tables 11 and 12, 1985 Statistical Abstract. Percent change, April, 1, 1980–July 1, 1983. Minus sign (−) indicates decrease. [4] See table 11, 1985 Statistical Abstract. [5] See table 31, 1985 Statistical Abstract.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	PERCENT OF POPULATION IN METRO. AREAS,[1] 1983		HOUSEHOLDS, PERCENT CHANGE,[2] 1980–1983		BIRTH RATE,[3 4] 1982		ABORTIONS PER 1,000 LIVE BIRTHS,[5] 1982		INFANT MORTALITY RATE,[4 6] 1981	
	Percent	Rank	Percent	Rank	Rate	Rank	Ratio	Rank	Rate	Rank
United States	**76.0**	(x)	**6.6**	(x)	**15.9**	(x)	**426**	(x)	**11.9**	(x)
New England:										
Maine	36.0	43	6.1	27	14.7	40	327	29	10.9	32
New Hampshire	56.0	33	7.1	21	14.9	38	399	18	9.7	47
Vermont	22.7	47	6.7	23	15.4	27	479	13	7.7	50
Massachusetts	91.0	6	3.7	43	13.2	48	529	8	9.7	47
Rhode Island	92.5	5	3.2	45	13.1	49	590	6	11.8	24
Connecticut	92.6	4	3.0	46	12.9	50	540	7	12.1	20
Middle Atlantic:										
New York	90.4	8	2.8	48	14.1	43	731	1	12.4	17
New Jersey	100.0	1	4.7	32	13.3	47	653	3	10.7	34
Pennsylvania	84.5	9	3.8	42	13.6	46	392	20	11.9	21
East North Central:										
Ohio	78.9	16	4.2	37	15.3	35	378	22	12.3	18
Indiana	67.9	22	1.8	49	15.3	32	189	41	11.7	26
Illinois	82.0	10	4.5	34	16.0	22	366	24	13.9	3
Michigan	80.4	13	1.1	50	15.2	36	482	12	13.1	8
Wisconsin	66.7	25	5.1	31	15.7	25	276	34	10.4	38
West North Central:										
Minnesota	64.9	27	4.2	38	16.6	20	283	32	10.3	39
Iowa	42.4	40	5.3	30	15.4	28	183	43	10.0	41
Missouri	65.6	26	2.8	47	15.5	26	253	36	12.6	13
North Dakota	35.7	44	7.5	19	18.8	8	246	38	11.2	30
South Dakota	16.3	49	6.6	24	18.5	10	143	46	11.5	28
Nebraska	45.9	37	4.0	40	17.0	18	247	37	9.9	43
Kansas	49.4	35	6.0	29	17.0	17	361	25	11.4	29
South Atlantic:										
Delaware	66.7	24	3.9	41	15.3	34	403	17	13.4	6
Maryland	93.0	3	4.7	33	14.9	37	603	5	12.6	13
District of Columbia	100.0	(x)	−2.0	(x)	14.9	(x)	1,517	(x)	25.1	(x)
Virginia	70.7	20	6.1	28	14.8	39	447	15	12.5	16
West Virginia	36.3	42	4.2	36	13.9	44	122	47	13.0	10
North Carolina	54.7	34	7.7	16	14.3	42	383	21	13.1	8
South Carolina	59.9	31	10.7	13	16.0	23	328	28	16.1	1
Georgia	63.0	30	7.6	17	16.0	24	415	16	13.8	4
Florida	91.0	7	12.2	8	13.8	45	524	9	13.3	7
East South Central:										
Kentucky	45.2	38	6.9	22	15.4	29	189	41	12.2	19
Tennessee	64.8	28	4.5	35	14.4	41	372	23	12.6	13
Alabama	63.4	29	6.5	25	15.3	33	340	27	13.0	10
Mississippi	28.9	45	6.4	26	17.9	14	122	47	15.4	2
West South Central:										
Arkansas	38.8	41	3.4	44	15.3	31	191	40	11.9	21
Louisiana	69.0	21	10.9	11	19.3	7	265	35	13.7	5
Oklahoma	57.6	32	11.3	10	18.2	11	229	39	11.9	21
Texas	80.1	15	13.7	6	19.4	6	343	26	11.6	27
Mountain:										
Montana	24.2	46	8.8	14	18.1	13	303	30	10.7	34
Idaho	18.6	48	7.4	20	20.1	5	158	45	9.2	49
Wyoming	15.0	50	14.5	4	21.7	3	101	49	10.6	36
Colorado	80.4	14	13.9	5	17.8	15	454	14	10.0	41
New Mexico	46.2	36	12.5	7	20.3	4	281	33	9.8	44
Arizona	75.5	19	17.1	3	18.2	12	298	31	11.8	24
Utah	76.7	18	12.0	9	26.4	1	100	50	9.8	44
Nevada	81.9	11	18.1	2	16.6	19	702	2	11.2	30
Pacific:										
Washington	80.7	12	7.5	18	16.3	21	517	10	10.5	37
Oregon	67.1	23	4.0	39	15.4	30	395	19	10.9	32
California	95.2	2	8.8	15	17.4	16	617	4	10.2	40
Alaska	44.1	39	29.8	1	25.4	2	172	44	12.7	12
Hawaii	78.1	17	10.9	12	18.8	9	484	11	9.8	44

X Not applicable. [1] See table 21, 1985 Statistical Abstract. Source: U.S. Bureau of the Census. Refers to metropolitan statistical areas as defined October 12, 1984. [2] See table 59, 1985 Statistical Abstract. Source: U.S. Bureau of the Census and Market Statistics, New York, NY. Percent change, April 1, 1980-December 31, 1983. Minus sign (−) indicates decrease. [3] See table, 84, 1985 Statistical Abstract. Registered births per 1,000 population, by place of residence. Excludes births to nonresidents of U.S. [4] Source: U.S. National Center for Health Statistics. [5] See table 101, 1985 Statistical Abstract. Source: Alan Guttmacher Institute, New York, NY. Number of abortions per 1,000 live births from July 1, 1982 to June 30, 1983 by State of occurrence. [6] See table 109, 1985 Statistical Abstract. Deaths per 1,000 live births, by place of residence. Represents deaths of infants under 1 year old; excludes fetal deaths.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	PHYSICIANS PER 100,000 POPULATION,[1] 1981		HOSPITALS [2]				FOOD STAMP RECIPIENTS PER 1,000 POPULATION,[5] 1983		PERCENT OF POPULATION COMPLETING HIGH SCHOOL,[6] 1980	
			Beds per 100,000 population,[3] 1982		Average cost per patient per day,[4] 1982					
	Rate	Rank	Rate	Rank	Dollars	Rank	Rate	Rank	Percent	Rank
United States	**185**	(X)	**587**	(X)	**327**	(X)	**89.8**	(X)	**66.5**	(X)
New England:										
Maine	150	32	580	27	298	27	104.7	14	68.7	23
New Hampshire	165	21	495	39	288	29	42.3	48	72.3	16
Vermont	212	6	559	31	256	44	95.8	17	71.0	19
Massachusetts	277	1	721	5	370	8	65.3	36	72.2	17
Rhode Island	210	7	622	17	332	16	85.1	21	61.1	40
Connecticut	251	4	581	26	354	11	51.4	45	70.9	20
Middle Atlantic:										
New York	271	2	717	6	312	22	105.4	13	66.3	34
New Jersey	193	10	570	29	280	34	69.6	33	67.4	28
Pennsylvania	191	11	698	9	320	20	92.4	18	64.7	36
East North Central:										
Ohio	165	22	582	24	325	19	110.1	11	67.0	29
Indiana	129	41	582	25	287	30	85.6	20	66.4	33
Illinois	186	13	621	18	369	9	97.7	15	66.5	31
Michigan	161	24	530	37	357	10	120.8	9	68.0	25
Wisconsin	160	25	610	19	283	32	74.0	28	69.6	21
West North Central:										
Minnesota	189	12	710	7	257	43	57.8	41	73.1	14
Iowa	126	45	705	8	260	40	71.6	30	71.5	18
Missouri	165	20	693	10	328	18	82.8	23	63.5	37
North Dakota	137	36	899	1	244	47	45.2	46	66.4	32
South Dakota	116	47	818	2	217	50	66.9	35	67.9	26
Nebraska	148	33	745	4	260	40	56.5	42	73.4	12
Kansas	156	28	769	3	292	28	56.2	43	73.3	13
South Atlantic:										
Delaware	168	19	663	13	302	26	76.8	25	68.6	24
Maryland	270	3	583	23	329	17	71.2	31	67.4	27
District of Columbia	534	(X)	1,398	(X)	459	(X)	129.6	(X)	67.1	(X)
Virginia	177	16	575	28	282	33	73.6	29	62.4	39
West Virginia	137	37	658	14	271	37	141.4	4	56.0	45
North Carolina	153	29	541	34	258	42	84.3	22	54.8	47
South Carolina	134	39	531	36	251	46	126.1	7	53.7	49
Georgia	145	34	585	22	284	31	105.5	12	56.4	43
Florida	175	18	570	30	335	14	70.1	32	66.7	30
East South Central:										
Kentucky	136	38	509	38	261	39	159.6	2	53.1	50
Tennessee	158	26	682	11	275	36	123.7	8	56.2	44
Alabama	127	43	657	15	276	35	158.2	3	56.5	42
Mississippi	108	49	680	12	227	48	202.3	1	54.8	48
West South Central:										
Arkansas	123	46	591	21	253	45	127.1	6	55.5	46
Louisiana	157	27	593	20	337	12	135.0	5	57.7	41
Oklahoma	128	42	549	33	333	15	76.7	26	66.0	35
Texas	152	31	552	32	307	23	79.5	24	62.6	38
Mountain:										
Montana	131	40	651	16	226	49	64.8	37	74.4	8
Idaho	107	50	414	45	266	38	62.2	39	73.7	10
Wyoming	115	48	537	35	303	25	44.6	47	77.9	4
Colorado	194	9	493	40	336	13	57.9	40	78.6	3
New Mexico	153	30	462	41	317	21	115.0	10	68.8	22
Arizona	177	17	419	44	410	4	75.6	27	72.4	15
Utah	163	23	336	50	376	6	51.7	44	80.0	2
Nevada	143	35	407	47	494	3	37.3	50	75.5	7
Pacific:										
Washington	179	15	367	49	376	6	63.3	38	77.6	5
Oregon	181	14	446	43	382	5	90.2	19	75.6	6
California	230	5	452	42	507	2	69.0	34	73.5	11
Alaska	126	44	387	48	508	1	39.2	49	82.5	1
Hawaii	208	8	412	46	307	23	96.7	16	73.8	9

X Not applicable. [1] See table 159, 1985 *Statistical Abstract*. Source: American Medical Association, Chicago, IL. (Copyright.) Covers active non-Federal physicians and includes physicians not classified according to activity status. [2] Source: American Hospital Association, Chicago, IL. (Copyright.) [3] See table 167, 1985 Statistical Abstract. [4] See table 169, 1985 Statistical Abstract. Covers non-Federal short-term general or special hospitals. [5] See table 201, 1985 *Statistical Abstract*. Source: U.S. Dept. of Agriculture, Food and Nutrition Service. [6] See table 215, 1985 Statistical Abstract. Source: U.S. Bureau of the Census. Data for persons 25 years old and over.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	PUBLIC ELEMENTARY AND SECONDARY SCHOOLS [1]				CRIME RATE PER 100,000 POPULATION,[4] 1983		ADULTS UNDER CORRECTIONAL SUPERVISION PER 10,000 POPULATION,[5] 1982		FEDERAL AND STATE PRISONERS PER 100,000 POPULATION,[6] 1983	
	Average teachers salaries,[2] 1984		Currency expenditures per pupil [3] 1984							
	Dollars	Rank	Dollars	Rank	Rate	Rank	Rate	Rank	Rate	Rank
United States	**22,029**	(x)	**3,173**	(x)	**5,159**	(x)	**131**	(x)	**179**	(x)
New England:										
Maine	17,328	46	2,813	33	3,681	42	58	46	75	46
New Hampshire	17,376	45	2,796	35	3,356	45	52	47	50	50
Vermont	17,931	42	3,148	22	4,133	32	113	19	72	47
Massachusetts	23,000	14	3,739	8	5,011	20	17	50	79	44
Rhode Island	24,641	7	3,720	11	5,005	21	108	22	92	40
Connecticut	22,627	18	4,036	5	4,978	22	170	5	114	34
Middle Atlantic:										
New York	27,330	2	4,783	3	5,903	12	106	24	172	18
New Jersey	23,044	13	4,943	2	5,163	17	117	17	136	29
Pennsylvania	22,800	17	3,725	10	3,196	47	98	28	98	39
East North Central:										
Ohio	21,290	22	3,042	24	4,505	28	84	38	155	23
Indiana	21,587	21	2,730	37	4,130	33	93	31	164	19
Illinois	23,345	11	3,397	15	5,207	16	116	18	135	30
Michigan	26,740	3	3,208	20	6,478	5	88	37	159	21
Wisconsin	22,811	16	3,553	14	4,256	30	91	33	102	36
West North Central:										
Minnesota	24,400	8	3,378	16	4,034	35	90	36	52	48
Iowa	20,140	27	3,212	19	3,919	39	73	43	92	40
Missouri	19,300	33	2,600	39	4,530	26	100	27	162	20
North Dakota	19,261	34	2,969	25	2,675	48	39	49	51	49
South Dakota	16,480	49	2,640	38	2,548	49	59	45	115	33
Nebraska	18,785	36	2,927	27	3,788	41	91	33	91	42
Kansas	19,598	31	3,361	17	4,530	26	101	26	152	25
South Atlantic:										
Delaware	20,934	24	3,735	9	5,466	14	165	7	273	5
Maryland	24,095	10	3,720	11	5,357	15	235	3	277	3
District of Columbia	27,659	(x)	4,116	(x)	9,453	(x)	356	(x)	558	(x)
Virginia	19,867	29	2,968	26	3,962	38	91	33	177	17
West Virginia	17,489	44	2,587	40	2,419	50	43	48	83	43
North Carolina	18,411	39	2,447	42	4,184	31	162	8	233	9
South Carolina	17,232	47	2,255	44	4,771	24	150	9	276	4
Georgia	18,631	37	2,322	43	4,505	28	266	1	259	6
Florida	19,497	32	3,201	21	6,781	1	132	11	235	8
East South Central:										
Kentucky	19,780	30	2,550	41	3,435	44	123	13	127	31
Tennessee	17,900	43	2,173	47	4,012	37	81	40	187	15
Alabama	18,000	40	2,102	49	4,101	34	108	22	243	7
Mississippi	15,815	50	1,962	50	3,208	46	98	28	211	14
West South Central:										
Arkansas	16,929	48	2,198	45	3,501	43	69	44	179	16
Louisiana	19,100	35	2,802	34	5,027	19	128	12	290	2
Oklahoma	18,570	38	2,891	31	4,929	23	111	20	212	13
Texas	20,176	26	2,913	29	5,807	11	237	2	221	11
Mountain:										
Montana	20,690	25	3,631	13	4,644	25	76	41	104	36
Idaho	17,985	41	2,198	45	3,866	40	76	42	121	32
Wyoming	25,197	5	4,488	4	4,014	36	93	31	138	28
Colorado	23,276	12	3,261	18	6,627	4	97	30	109	35
New Mexico	21,000	23	2,921	28	6,346	7	83	39	142	27
Arizona	22,090	20	2,738	36	6,392	6	121	14	223	10
Utah	20,007	28	2,119	48	5,118	18	120	16	77	45
Nevada	22,360	19	2,861	32	6,701	2	167	6	354	1
Pacific:										
Washington	24,780	6	3,106	23	6,078	9	194	4	155	23
Oregon	22,833	15	3,771	7	6,251	8	121	14	157	22
California	26,403	4	2,912	30	6,677	3	138	10	150	26
Alaska	36,564	1	7,026	1	6,019	10	110	21	219	12
Hawaii	24,357	9	3,982	6	5,810	13	106	24	103	37

X Not applicable. [1] Source: National Education Association, Washington, DC. (Copyright.) [2] See table 226, 1985 Statistical Abstract. Data presented here are revised. [3] Per pupil in average daily attendance in day schools. See table 230, 1985 Statistical Abstract.

[4] See table 277, 1985 Statistical Abstract. Source: U.S. Federal Bureau of Investigation. Based on offenses known to the police. [5] See table 309, 1985 Statistical Abstract. Source: National Council on Crime and Delinquency, San Francisco, CA. Covers persons 18 years old and over in jail or prison or on parole or probation. [6] See table 317, 1985 Statistical Abstract. Source: U.S. Bureau of Justice Statistics.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	POPULATION PER LAWYER,[1] 1980		PERCENT OF LAND FEDERALLY OWNED,[2] 1983		FEDERAL AID TO STATE AND LOCAL GOVERNMENT,[3 4] PER CAPITA, 1983		STATE AND LOCAL GOVERNMENT [4]			
							General revenue per capita,[5] 1982		Employees per 10,000 population,[6] 1983	
	Number	Rank	Percent	Rank	Dollars	Rank	Dollars	Rank	Rate	Rank
United States	**418**	(X)	**32.2**	(X)	**384**	(X)	**2,014**	(X)	**465.2**	(X)
New England:										
Maine	545	15	.7	48	502	11	1,722	36	451.3	33
New Hampshire	549	14	12.8	14	367	32	1,566	42	416.9	46
Vermont	467	31	5.4	28	594	3	2,039	22	458.3	30
Massachusetts	309	48	1.7	41	503	10	2,147	15	445.9	37
Rhode Island	458	32	.9	46	509	8	2,146	16	464.6	29
Connecticut	348	46	.3	50	379	27	1,980	25	430.6	45
Middle Atlantic:										
New York	280	50	.8	47	566	5	2,750	3	551.4	5
New Jersey	400	42	3.1	36	377	29	2,068	21	477.9	23
Pennsylvania	519	18	2.4	38	405	19	1,816	33	382.5	50
East North Central:										
Ohio	451	36	1.4	43	339	39	1,665	38	428.5	46
Indiana	650	7	2.2	39	294	47	1,521	46	435.2	41
Illinois	352	45	1.7	41	365	34	1,916	27	421.1	47
Michigan	531	16	9.9	17	399	23	2,186	13	431.5	43
Wisconsin	516	20	5.4	28	401	20	2,122	17	451.0	34
West North Central:										
Minnesota	432	38	8.7	22	426	16	2,374	6	468.3	26
Iowa	525	17	.6	49	338	40	1,893	29	488.9	15
Missouri	458	32	4.9	31	337	41	1,471	48	431.6	42
North Dakota	593	9	5.1	30	547	6	2,367	7	500.1	12
South Dakota	614	8	6.4	23	516	7	1,635	31	482.6	18
Nebraska	422	40	1.3	45	360	35	1,894	28	581.3	3
Kansas	497	22	1.4	43	315	44	1,926	26	523.4	7
South Atlantic:										
Delaware	446	37	3.2	35	507	9	2,300	9	506.5	11
Maryland	396	43	2.9	37	416	18	2,152	14	498.0	14
District of Columbia	25	(X)	32.2	(X)	2,177	(X)	4,361	(X)	744.6	(X)
Virginia	491	24	9.5	18	300	46	1,712	37	481.1	21
West Virginia	760	2	7.3	19	427	15	1,733	35	482.0	19
North Carolina	789	1	6.9	21	309	45	1,526	45	475.5	25
South Carolina	744	3	6.2	24	341	38	1,538	44	481.2	20
Georgia	493	23	6.1	25	368	31	1,803	34	541.6	6
Florida	414	41	12.0	15	264	49	1,664	39	436.0	39
East South Central:										
Kentucky	590	10	5.6	27	401	20	1,502	47	410.1	49
Tennessee	588	12	7.0	20	360	35	1,452	49	454.2	32
Alabama	712	5	3.5	34	371	30	1,559	43	483.9	16
Mississippi	655	6	5.8	26	426	16	1,573	41	499.9	13
West South Central:										
Arkansas	717	4	10.3	16	387	24	1,427	50	444.5	38
Louisiana	481	27	4.0	32	385	25	2,107	19	518.2	8
Oklahoma	430	39	3.6	33	326	43	1,982	24	515.0	10
Texas	472	30	2.1	40	242	50	1,831	32	473.3	27
Mountain:										
Montana	487	26	29.4	11	584	4	2,252	11	518.0	9
Idaho	553	13	65.1	3	379	27	1,605	40	455.4	31
Wyoming	507	21	49.3	6	829	2	4,618	2	661.1	2
Colorado	334	47	36.0	9	397	41	2,120	18	476.9	24
New Mexico	519	18	33.3	10	483	12	2,590	4	565.9	4
Arizona	481	27	44.1	8	285	48	1,838	30	450.7	36
Utah	589	11	63.3	4	384	26	2,036	23	430.9	44
Nevada	452	35	85.5	2	400	22	2,275	10	473.4	26
Pacific:										
Washington	488	25	28.5	12	357	37	2,086	20	450.8	35
Oregon	454	34	52.3	5	437	14	2,197	12	483.4	17
California	365	44	45.8	7	366	33	2,331	8	437.8	40
Alaska	297	49	86.0	1	1,129	1	15,754	1	814.4	1
Hawaii	476	29	16.8	13	447	13	2,413	5	479.5	22

X Not applicable. [1] See table 301, 1985 Statistical Abstract. Source: American Bar Foundation, Chicago, IL. (Copyright.) [2] See table 330, 1985 Statistical Abstract. Source: U.S. General Services Administration. Excludes trust properties. [3] See table 444, 1985 Statistical Abstract. [4] Source: U.S. Bureau of the Census. [5] See table 449, 1985 Statistical Abstract. [6] See table 479, 1985 Statistical Abstract. Full-time equivalent employees per 10,000 resident population.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	FEDERAL FUNDS PER CAPITA,[1 2] 1983		FEDERAL CIVILIAN EMPLOYEES PER 10,000 POPULATION,[3] 1982		SOCIAL SECURITY BENEFICIARIES PER 10,000 POPULATION,[4] 1983		PUBLIC AID RECIPIENTS AS PERCENT OF POPULATION,[1 5] 1983		EMPLOYMENT/ POPULATION RATIO,[6] 1983	
	Dollars	Rank	Rate	Rank	Rate	Rank	Percent	Rank	Ratio	Rank
United States	**2,875**	(x)	**118**	(x)	**1,505**	(x)	**6.1**	(x)	**57.9**	(x)
New England:										
Maine	2,679	27	79	39	1,728	8	6.1	17	57.3	34
New Hampshire	2,784	20	169	7	1,512	29	2.5	47	65.6	3
Vermont	2,551	31	77	41	1,543	24	5.8	21	62.9	9
Massachusetts	3,484	9	96	29	1,616	14	6.2	15	62.0	16
Rhode Island	2,946	14	94	30	1,812	3	6.2	16	59.2	28
Connecticut	3,750	7	67	47	1,565	21	4.9	28	62.3	14
Middle Atlantic:										
New York	2,906	17	87	35	1,589	17	8.1	4	54.3	43
New Jersey	2,481	35	97	28	1,568	20	6.4	13	58.6	29
Pennsylvania	2,786	19	108	21	1,770	5	6.0	18	52.9	47
East North Central:										
Ohio	2,435	37	81	38	1,537	25	7.0	9	55.7	38
Indiana	2,199	49	71	45	1,528	26	3.7	36	56.5	36
Illinois	2,489	34	87	34	1,442	34	7.5	5	57.8	31
Michigan	2,203	48	59	49	1,521	27	9.5	2	54.7	42
Wisconsin	2,220	47	55	50	1,638	11	7.0	8	61.4	18
West North Central:										
Minnesota	2,437	36	70	46	1,503	30	4.1	33	64.8	6
Iowa	2,250	46	62	48	1,725	9	4.4	29	60.4	20
Missouri	3,811	6	134	16	1,732	6	5.2	25	56.7	35
North Dakota	3,129	11	119	19	1,559	23	2.5	48	61.8	17
South Dakota	2,751	22	144	12	1,729	7	3.5	39	62.7	10
Nebraska	2,711	25	94	30	1,603	16	3.4	41	63.6	7
Kansas	2,938	15	91	33	1,579	19	3.8	35	62.4	13
South Atlantic:										
Delaware	2,572	30	83	36	1,485	32	5.4	24	59.8	24
Maryland	4,211	3	300	2	1,278	43	5.5	23	63.1	8
District of Columbia	18,473	(x)	3,387	(x)	1,300	(x)	12.1	(x)	58.5	(x)
Virginia	4,503	1	279	3	1,328	39	4.3	31	62.6	11
West Virginia	2,404	39	77	42	1,796	4	6.0	19	43.0	50
North Carolina	2,114	50	71	44	1,518	28	5.1	27	59.6	25
South Carolina	2,547	32	102	24	1,415	36	6.5	12	56.5	36
Georgia	2,580	29	136	15	1,361	38	6.7	10	59.9	22
Florida	3,047	12	81	37	2,048	1	4.2	32	53.7	45
East South Central:										
Kentucky	2,376	40	98	27	1,613	15	6.6	11	55.2	39
Tennessee	2,757	21	125	17	1,588	18	5.9	20	55.1	40
Alabama	2,717	24	152	9	1,624	12	7.1	7	52.2	48
Mississippi	2,978	13	93	32	1,639	10	10.1	1	50.9	49
West South Central:										
Arkansas	2,609	28	78	40	1,877	2	5.8	22	53.8	44
Louisiana	2,326	45	73	43	1,296	40	7.3	6	53.4	46
Oklahoma	2,355	42	143	13	1,468	33	4.0	34	58.4	30
Texas	2,347	43	101	26	1,189	45	3.5	40	62.3	14
Mountain:										
Montana	2,698	26	149	10	1,493	31	3.0	44	60.4	19
Idaho	2,420	38	102	23	1,405	37	2.7	46	59.9	22
Wyoming	2,375	41	138	14	1,012	48	2.0	50	66.4	2
Colorado	2,824	18	160	8	1,105	47	3.6	37	67.3	1
New Mexico	3,826	5	183	6	1,279	42	5.1	26	55.1	40
Arizona	2,751	22	118	10	1,559	22	3.3	42	57.6	33
Utah	2,540	33	223	5	976	49	2.9	45	60.1	21
Nevada	2,916	16	103	22	1,235	44	2.2	49	65.3	5
Pacific:										
Washington	3,555	8	147	11	1,421	35	4.3	30	57.7	32
Oregon	2,335	44	101	25	1,619	13	3.6	38	59.6	25
California	3,429	10	122	18	1,295	41	8.9	3	59.3	27
Alaska	4,296	2	338	1	480	50	3.1	43	65.5	4
Hawaii	3,928	4	271	4	1,183	46	6.3	14	62.5	12

X Not applicable. [1] Source: U.S. Bureau of the Census. [2] See table 504, 1985 Statistical Abstract. [3] See table 523, 1985 Statistical Abstract. Source: U.S. Office of Personnel Management. [4] See table 607, 1985 Statistical Abstract. Source: U.S. Social Security Administration. [5] See table 640, 1985 Statistical Abstract. Total recipients of Aid to Families with Dependent Children and Federal Supplemental Security Income as percent of resident population. [6] See table 657, 1985 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. Civilian employment as a percent of civilian noninstitutional population.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	CIVILIAN EMPLOYMENT, PERCENT CHANGE,[1] 1982–1983		CIVILIAN UNEMPLOYMENT RATE,[1] 1983		SERVICES AS A PERCENT OF NON-AGRICULTURAL EMPLOYMENT,[2] 1983		AVERAGE ANNUAL PAY,[3] 1983		MONEY INCOME PER CAPITA,[4] 1981	
	Percent	Rank	Rate	Rank	Percent	Rank	Dollars	Rank	Dollars	Rank
United States	**1.31**	(X)	**9.6**	(X)	**21.82**	(X)	**17,544**	(X)	**8,693**	(X)
New England:										
Maine	3.83	8	9.0	25	19.95	33	14,130	48	6,895	46
New Hampshire	5.31	3	5.4	49	20.83	26	15,541	37	8,423	27
Vermont	.81	29	6.9	39	23.90	8	14,643	46	7,601	36
Massachusetts	.11	44	6.9	39	26.43	4	17,347	14	9,101	11
Rhode Island	1.15	25	8.3	32	23.66	11	15,397	38	8,216	30
Connecticut	.94	27	6.0	46	21.78	19	18,770	6	10,368	2
Middle Atlantic:										
New York	.46	35	8.6	29	25.66	6	19,694	3	9,067	12
New Jersey	2.12	17	7.8	37	21.98	18	18,823	5	9,826	4
Pennsylvania	.49	48	11.8	6	23.70	9	17,161	17	8,401	29
East North Central:										
Ohio	.16	43	12.2	5	21.43	22	17,920	12	8,445	24
Indiana	.61	33	11.1	12	17.99	43	17,068	21	8,442	25
Illinois	−.02	46	11.4	10	22.53	15	18,708	7	9,565	8
Michigan	2.16	16	14.2	2	20.59	30	19,712	2	8,627	20
Wisconsin	−.37	47	10.4	14	20.88	24	16,376	28	8,435	26
West North Central:										
Minnesota	–	45	8.2	33	22.87	13	17,212	16	8,740	19
Iowa	.77	30	8.1	34	20.55	31	15,214	40	8,521	22
Missouri	1.00	26	9.9	19	21.44	21	16,785	24	8,098	32
North Dakota	.67	32	5.6	48	22.49	16	15,048	42	7,761	34
South Dakota	1.29	23	5.4	49	22.75	14	13,188	50	6,811	48
Nebraska	.54	34	5.7	47	20.69	29	14,762	43	7,958	33
Kansas	.18	42	6.1	44	18.89	38	15,915	33	8,762	18
South Atlantic:										
Delaware	.37	37	8.1	34	39.47	3	18,164	8	8,880	16
Maryland	4.04	6	6.9	39	23.53	12	17,086	20	9,993	3
District of Columbia	1.77	(X)	11.7	(X)	32.21	(X)	23,842	(X)	10,680	(X)
Virginia	4.50	5	6.1	44	20.86	25	16,491	27	9,041	13
West Virginia	−4.38	50	18.0	1	18.07	42	16,862	22	8,892	47
North Carolina	.22	41	8.9	27	15.24	49	14,676	44	7,315	38
South Carolina	.23	40	10.0	18	9.71	50	14,647	45	7,071	43
Georgia	1.80	18	7.5	38	17.34	45	16,054	30	7,721	35
Florida	3.22	12	8.6	29	24.74	7	15,543	35	8,981	15
East South Central:										
Kentucky	.40	36	11.7	8	19.41	35	16,020	31	7,022	44
Tennessee	3.09	13	11.5	9	18.72	39	15,546	34	7,295	40
Alabama	3.75	9	13.7	3	16.54	46	15,542	36	6,982	45
Mississippi	−.85	49	12.6	4	15.84	48	13,948	49	6,221	50
West South Central:										
Arkansas	.33	38	10.1	16	17.43	44	14,327	47	6,696	49
Louisiana	1.26	24	11.8	6	19.50	34	17,342	15	8,113	31
Oklahoma	1.52	20	9.0	25	18.55	40	17,154	18	8,570	21
Texas	2.51	14	8.0	36	19.08	36	18,133	9	8,812	17
Mountain:										
Montana	.28	39	8.8	28	21.11	23	15,212	41	7,309	39
Idaho	4.04	7	9.8	20	18.93	37	15,241	39	7,248	41
Wyoming	.84	28	8.4	31	16.26	47	17,840	13	9,451	9
Colorado	7.01	2	6.6	42	21.71	20	18,102	10	9,704	7
New Mexico	1.49	21	10.1	16	20.71	27	15,922	32	7,229	42
Arizona	4.95	4	9.1	24	22.27	17	16,667	25	8,413	28
Utah	1.79	19	9.2	23	39.58	2	16,511	26	7,349	37
Nevada	.69	31	9.8	20	44.20	1	17,118	19	9,769	6
Pacific:										
Washington	3.62	10	11.2	11	20.71	27	18,037	11	9,426	10
Oregon	2.41	15	10.8	13	20.12	32	16,786	23	8,470	23
California	1.48	22	9.7	22	23.67	10	19,038	4	9,798	5
Alaska	10.16	1	10.3	15	18.31	41	28,720	1	12,107	1
Hawaii	3.27	11	6.5	43	25.81	5	16,107	29	9,014	14

– Represents or rounds to zero. X Not applicable. [1] See table 657, 1985 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. Minus sign (−) indicates decrease. [2] See table 689, 1985 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. [3] See table 698, 1985 Statistical Abstract. Source: U.S. Bureau of Labor Statistics. For workers covered by State unemployment insurance laws and for Federal civilian workers covered by unemployment compensation for Federal employees. Pay includes bonuses, cash value of meals and lodging, and tips and other gratuities. Preliminary. Data presented here are revised. [4] See table 753, 1985 Statistical Abstract. Source: U.S. Bureau of the Census.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	PERSONAL INCOME				COMMERCIAL BANK DEPOSITS PER CAPITA,[4] 1983		ENERGY CONSUMPTION, PER CAPITA,[5 6] 1982		ENERGY EXPENDITURES PER CAPITA,[6 7] 1981	
	Percent change in constant (1972) dollars,[1 2] 1982–1983		Per capita,[2 3] 1983							
	Percent	Rank	Dollars	Rank	Dollars	Rank	Mil. Btu	Rank	Dollars	Rank
United States	**2.12**	(X)	**11,675**	(X)	**6,527**	(X)	**305**	(X)	**1,991**	(X)
New England:										
Maine	3.10	16	9,619	40	3,097	49	326	21	1,793	26
New Hampshire	5.09	3	11,620	19	4,307	45	198	48	1,628	46
Vermont	1.88	31	10,036	36	5,562	24	205	47	1,626	47
Massachusetts	4.16	6	13,089	6	5,361	30	211	46	1,680	40
Rhode Island	2.99	19	11,504	23	6,466	18	186	50	1,499	50
Connecticut	3.20	15	14,826	2	4,847	38	217	45	1,756	29
Middle Atlantic:										
New York	2.98	20	13,146	5	11,333	2	197	49	1,535	49
New Jersey	3.77	11	14,057	3	5,292	33	278	32	2,163	15
Pennsylvania	.92	39	11,510	22	6,640	16	274	35	1,839	24
East North Central:										
Ohio	.98	37	11,254	25	4,850	37	329	18	2,005	18
Indiana	.54	41	10,567	33	6,035	21	393	7	2,215	9
Illinois	−.59	45	12,626	8	8,585	4	291	27	1,899	21
Michigan	2.07	29	11,574	21	5,555	25	267	36	1,693	38
Wisconsin	1.49	34	11,132	27	5,694	23	267	36	1,624	48
West North Central:										
Minnesota	1.80	32	11,666	18	7,543	10	287	30	1,737	33
Iowa	−3.21	49	11,048	28	7,963	7	328	20	1,892	22
Missouri	2.03	30	10,790	31	6,935	15	278	32	1,672	43
North Dakota	4.64	4	11,350	24	8,106	6	366	9	2,389	7
South Dakota	2.29	26	9,704	38	11,266	3	288	29	1,754	30
Nebraska	−.41	44	10,940	29	7,732	9	322	22	1,729	34
Kansas	.16	42	12,285	12	7,437	11	397	6	2,254	8
South Atlantic:										
Delaware	3.28	12	12,442	11	12,186	1	299	26	2,471	5
Maryland	2.61	22	12,994	7	3,985	48	256	40	1,705	35
District of Columbia	2.28	(X)	16,409	(X)	13,616	(X)	260	(X)	1,475	(X)
Virginia	3.88	9	11,835	16	4,883	36	266	38	1,701	37
West Virginia	−1.52	47	8,937	49	5,424	28	362	11	1,854	23
North Carolina	4.00	8	9,656	39	4,125	47	259	39	1,645	45
South Carolina	3.80	10	8,954	48	2,874	50	291	27	1,703	36
Georgia	5.16	2	10,283	35	4,485	43	284	31	1,777	27
Florida	4.14	7	11,592	20	5,421	29	224	43	1,744	32
East South Central:										
Kentucky	−.30	43	9,162	45	5,530	26	336	15	1,925	20
Tennessee	2.40	25	9,362	42	5,324	32	329	18	1,935	19
Alabama	2.85	21	9,235	44	4,469	44	343	13	2,205	11
Mississippi	1.47	35	8,072	50	4,814	39	304	24	2,025	17
West South Central:										
Arkansas	3.09	17	9,040	46	5,453	27	331	16	2,032	16
Louisiana	−.60	46	10,406	34	6,268	19	750	2	4,647	1
Oklahoma	−2.59	48	11,187	26	7,833	8	409	5	2,180	13
Texas	1.32	36	11,702	17	8,464	5	520	4	3,575	3
Mountain:										
Montana	.96	38	9,999	37	6,993	14	382	8	2,422	6
Idaho	3.25	13	9,342	43	5,274	34	351	12	1,659	44
Wyoming	−5.33	50	11,969	15	7,372	12	748	3	4,535	2
Colorado	2.61	22	12,580	9	5,742	22	276	34	1,682	39
New Mexico	2.25	28	9,560	41	5,184	35	340	14	2,170	14
Arizona	4.48	5	10,719	32	5,345	31	256	40	1,673	42
Utah	2.50	24	9,031	47	4,408	45	303	25	1,819	25
Nevada	2.26	27	12,516	10	4,578	41	331	16	2,188	12
Pacific:										
Washington	.75	40	12,051	14	4,778	40	366	9	1,748	31
Oregon	1.56	33	10,920	30	4,558	42	316	23	1,676	41
California	3.04	18	13,239	4	7,098	13	239	42	1,757	28
Alaska	5.80	1	16,820	1	6,610	17	926	1	3,512	4
Hawaii	3.23	14	12,101	13	6,120	20	219	44	2,209	10

X Not applicable. [1] See table 730, 1985 Statistical Abstract. Minus sign (−) indicates decrease. [2] Source: U.S. Bureau of Economic Analysis. [3] See table 731, 1985 Statistical Abstract. [4] See table 826, 1985 Statistical Abstract. Source: Board of Governors of the Federal Reserve System. [5] See table 953, 1985 Statistical Abstract. [6] Source: U.S. Energy Information Administration. [7] See table 957, 1985 Statistical Abstract.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	MOTOR VEHICLE DEATHS PER 100,000 POPULATION,[1] 1981		FARMS—PERCENT WITH SALES OF $100,000 OR MORE,[2] 1982		AVERAGE VALUE OF FARM LAND AND BUILDINGS PER ACRE,[3 4] 1984		FARM MARKETINGS,[3 5] 1983		NET FARM INCOME,[3 6] 1983	
	Rate	Rank	Percent	Rank	Dollars	Rank	Amount (mil.dol.)	Rank	Amount (mil.dol.)	Rank
United States	**22.5**	(x)	**13.5**	(x)	**739**	(x)	**138,719**	(x)	**27,842.0**	(x)
New England:										
Maine	19.5	36	13.0	26	691	34	413	43	−28.3	48
New Hampshire	16.4	43	9.6	37	1,181	16	114	48	10.1	44
Vermont	20.0	34	21.1	5	849	27	427	42	77.6	41
Massachusetts	14.1	49	11.9	31	1,854	6	367	44	101.1	37
Rhode Island	13.8	50	9.5	38	3,046	2	31	49	.5	47
Connecticut	16.3	45	14.8	23	2,862	3	321	45	55.6	42
Middle Atlantic:										
New York	14.9	48	17.4	11	793	31	2,672	23	194.9	31
New Jersey	16.2	46	13.2	25	3,148	1	543	39	124.7	35
Pennsylvania	17.4	41	13.0	27	1,381	13	2,977	18	495.1	24
East North Central:										
Ohio	16.2	47	10.1	36	1,245	15	3,674	13	657.3	16
Indiana	22.1	32	15.2	20	1,479	11	4,009	10	518.7	22
Illinois	16.4	44	23.8	4	1,692	7	8,144	4	2,474.0	2
Michigan	17.8	40	11.3	33	1,109	17	3,001	16	589.5	20
Wisconsin	20.0	33	16.9	15	958	21	5,203	8	1,122.6	7
West North Central:										
Minnesota	19.7	35	18.1	9	990	19	6,277	5	1,375.0	5
Iowa	22.6	29	25.8	2	1,396	12	9,335	2	1,874.4	3
Missouri	22.2	30	8.1	42	759	32	3,988	11	666.7	14
North Dakota	28.7	12	17.3	12	414	42	2,691	22	858.5	10
South Dakota	26.9	16	16.5	16	263	45	2,586	24	510.5	23
Nebraska	24.2	25	24.4	3	495	40	6,010	6	721.2	13
Kansas	24.4	24	14.3	24	528	39	5,398	7	658.0	15
South Atlantic:										
Delaware	19.5	37	30.6	1	1,692	7	455	41	148.1	33
Maryland	19.1	39	17.1	14	2,239	4	1,032	35	178.9	32
District of Columbia	12.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Virginia	19.3	38	7.5	44	1,040	18	1,440	33	26.5	43
West Virginia	24.8	22	2.4	50	804	29	228	46	−31.2	49
North Carolina	26.2	19	12.3	30	1,362	14	3,784	12	853.0	11
South Carolina	27.3	14	9.4	39	846	28	1,058	34	92.9	38
Georgia	27.1	15	15.6	19	801	30	3,310	14	750.4	12
Florida	31.4	8	12.8	28	1,490	9	4,325	9	1,553.6	4
East South Central:										
Kentucky	23.5	27	4.1	48	927	24	2,798	20	876.3	9
Tennessee	26.6	18	3.9	49	951	22	1,930	28	267.8	29
Alabama	27.6	13	9.3	40	858	26	2,112	26	559.6	21
Mississippi	31.1	10	11.4	32	966	20	2,291	25	590.7	19
West South Central:										
Arkansas	24.1	26	16.1	18	944	23	2,999	17	649.7	17
Louisiana	29.5	11	12.5	29	1,481	10	1,853	29	590.9	18
Oklahoma	33.8	6	6.9	46	661	35	2,692	21	376.4	25
Texas	31.8	7	7.4	45	646	36	8,970	3	1,275.1	6
Mountain:										
Montana	43.3	2	18.0	10	241	46	1,503	32	110.9	36
Idaho	31.2	9	18.7	8	700	33	2,016	27	326.9	27
Wyoming	56.0	1	15.0	22	165	48	593	37	−41.1	50
Colorado	26.8	17	16.1	17	423	41	2,927	19	334.0	26
New Mexico	37.6	4	10.5	35	204	47	962	36	79.5	40
Arizona	33.9	5	20.5	6	285	43	1,644	31	264.5	30
Utah	25.7	20	9.2	41	572	38	579	38	81.6	39
Nevada	42.1	3	15.2	21	273	44	224	47	9.6	45
Pacific:										
Washington	22.1	31	17.1	13	915	25	3,063	15	983.7	8
Oregon	25.3	21	11.1	34	574	37	1,700	30	326.7	28
California	22.7	28	19.0	7	1,925	5	13,494	1	3,421.3	1
Alaska	24.5	23	4.8	47	(NA)	(X)	19	50	1.7	46
Hawaii	17.1	42	7.7	43	(NA)	(X)	537	40	126.8	34

NA Not available. X Not applicable. [1] See table 1042, 1985 Statistical Abstract. Source: U.S. National Center for Health Statistics. [2] See table 1120, 1985 Statistical Abstract. Source: U.S. Bureau of the Census. [3] Source: U.S. Dept. of Agriculture, Economic Research Service. [4] See table 1127, 1985 Statistical Abstract. [5] See table 1137, 1985 Statistical Abstract. [6] See table 1136, 1985 Statistical Abstract. Minus sign (−) indicates net loss.

[When States share the same rank, the next lower rank is omitted. Because of rounded data, States may have identical values shown, but different ranks]

DIVISION AND STATE	MINERAL PRODUCTION—VALUE,[1] 1982		CONSTRUCTION CONTRACTS—VALUE,[2] 1983		NEW HOUSING UNITS STARTED,[3] 1983		MANUFACTURING [4]			
							Value of shipments, 1981		Employment—percent export related, 1981	
	Value (mil. dol.)	Rank	Value (mil. dol.)	Rank	Number (1,000)	Rank	Value (mil. dol.)	Rank	Percent	Rank
United States	**179,086**	(x)	**192,751**	(x)	**1,668.3**	(x)	**2,017,543**	(x)	**12.8**	(x)
New England:										
Maine	35	47	625	44	4.8	43	9,127	37	9.9	42
New Hampshire	23	48	789	41	8.4	37	7,259	40	14.1	11
Vermont	50	45	376	50	6.3	40	3,645	43	11.6	28
Massachusetts	89	43	3,841	18	24.2	21	47,905	13	14.2	10
Rhode Island	5	49	514	47	3.9	44	7,574	39	12.0	22
Connecticut	56	44	2,334	29	16.6	28	30,027	24	14.9	4
Middle Atlantic:										
New York	587	30	8,309	4	37.0	11	119,301	5	11.4	29
New Jersey	132	40	5,490	8	38.3	10	73,035	8	11.9	24
Pennsylvania	3,720	10	4,848	12	36.8	12	115,182	6	13.2	14
East North Central:										
Ohio	2,444	15	5,866	7	30.0	17	122,287	4	14.7	5
Indiana	1,174	24	3,147	24	19.0	24	70,292	9	13.3	13
Illinois	3,009	12	6,020	5	30.9	16	126,986	3	12.9	16
Michigan	2,530	14	3,513	22	23.0	23	105,175	7	14.6	6
Wisconsin	112	41	2,639	27	18.1	26	54,723	12	13.0	15
West North Central:										
Minnesota	1,110	25	4,177	17	27.7	18	35,504	20	12.4	19
Iowa	231	36	1,533	35	8.4	37	33,221	21	12.0	22
Missouri	877	27	3,345	23	24.2	21	41,206	16	11.1	30
North Dakota	1,807	19	581	45	5.5	42	2,362	48	11.1	30
South Dakota	180	38	432	49	2.9	48	2,926	47	7.9	46
Nebraska	298	33	978	38	7.4	39	15,412	33	10.0	41
Kansas	3,111	11	1,949	32	16.9	27	26,474	26	12.4	19
South Atlantic:										
Delaware	3	50	473	48	3.4	46	9,050	38	13.5	12
Maryland	293	34	4,285	15	35.8	14	21,321	28	10.8	34
District of Columbia	(x)	(x)	707	(x)	.3	(x)	1,346	(x)	3.0	(x)
Virginia	1,640	22	5,127	10	51.1	8	35,910	19	11.1	30
West Virginia	5,490	8	871	40	2.7	49	11,928	35	14.6	6
North Carolina	257	35	4,921	11	49.5	9	62,193	10	9.8	43
South Carolina	194	37	2,634	28	25.8	20	27,878	25	11.7	26
Georgia	718	28	5,905	6	70.1	4	47,246	14	9.7	44
Florida	2,079	18	14,398	3	170.5	2	36,799	17	10.8	34
East South Central:										
Kentucky	5,029	9	2,681	26	15.8	29	30,403	23	10.6	36
Tennessee	639	29	3,557	21	34.8	15	41,258	15	10.3	38
Alabama	2,338	16	2,787	25	18.2	25	30,509	22	11.0	33
Mississippi	1,687	21	1,613	33	11.8	34	19,811	29	8.2	45
West South Central:										
Arkansas	1,095	26	1,542	34	12.0	33	18,510	31	10.5	37
Louisiana	31,364	2	4,377	14	36.8	12	57,796	11	11.9	24
Oklahoma	10,762	5	4,230	16	53.4	6	25,311	27	12.4	19
Texas	45,388	1	21,835	2	334.9	1	180,328	2	12.7	17
Mountain:										
Montana	1,732	20	651	43	2.7	49	4,290	42	7.5	47
Idaho	300	32	559	46	3.9	44	5,005	41	11.7	26
Wyoming	6,885	6	879	39	3.3	47	3,164	46	4.4	50
Colorado	2,678	13	4,719	13	51.4	7	17,213	32	12.7	17
New Mexico	5,520	7	2,052	30	10.1	35	3,230	45	4.6	48
Arizona	[5] 1,620	23	5,334	9	63.2	5	12,484	34	20.5	3
Utah	2,096	17	3,765	19	12.3	32	9,815	36	10.3	38
Nevada	541	31	1,445	36	15.7	30	1,558	50	10.1	40
Pacific:										
Washington	[6] 172	39	3,650	20	27.5	19	36,790	18	26.3	2
Oregon	108	42	1,436	37	9.4	36	18,835	30	14.5	8
California	12,627	3	22,349	1	151.7	3	192,365	1	14.5	8
Alaska	[5] 12,608	4	1,953	31	13.4	31	1,954	49	34.1	1
Hawaii	47	46	712	42	6.2	41	3,626	44	4.5	49

X Not applicable. [1] See table 1240, 1985 Statistical Abstract. Source: U.S. Bureau of the Census. [2] See table 1297, 1985 Statistical Abstract. Source: F.W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY. [3] See table 1302, 1985 Statistical Abstract. Source: National Association of Homebuilders, Washington, DC. [4] See tables 1341 and 1356, 1985 Statistical Abstract. Source: U.S. Bureau of the Census. [5] Excludes coal. [6] Nonfuels only.

Index

Page

A

Abortions 67, 68
Abrasives 695–697
Absent without authority (military personnel) 343
Accident and health insurance 512
Accidents and fatalities 78, 79, 113
  Aircraft 76, 615, 617
  Catastrophic, by type 79
  Deaths and death rates 74–76, 78, 79
  Drownings 74
  Falls 74
  Fires 187
  Industrial 78, 426, 702
  Motor vehicle 74, 113, 599, 600
  Motorcycle 599, 600
  Police officers killed 172
  Railroad 608, 611
  Tanker casualties 626
  Transportation 78, 79, 590
Accountants and auditors:
  Civilian labor force 402
  Degrees conferred, accounting 158
    Salary offers 141, 157
  Federal employees 325
Acetate, distribution 767
Acids, production 769
Acquisition of territory by the U.S 188, 192, 193
Acreage. *See* Farms *and* Land.
Acrylic, distribution 767
ACTION 807
Admission to Statehood 191
Advertising:
  Expenditures 539, 548–550
  Help-wanted advertising 409
  Television 550
Aeronautical radio stations 544
Aeronautics, civil. *See Air transportation.*
Aerospace products, space vehicle systems 583, 619, 620
Afghanistan. *See* Foreign countries.
AFL–CIO 423, 424
Africa. *See Foreign countries.*
Age of population. *See* Population.
Agency for International Development 811, 812
Agents. *See* Brokers, dealers, and agents.
Agricultural implements and machinery 653
  Foreign trade 815, 820, 822
  Manufacture 753–755
    Corporation sales, profits, and dividends 531
    Employees 412, 753–755, 774
    Expenditures for new plant and equipment 755
    Shipments 756, 772, 774
      Accounted for by largest companies 764
    Price indexes 470, 471
Agricultural loans. *See* Farm mortgage loans.
Agricultural products. *See* Farms *and individual products.*
Agricultural sciences:
  Degrees conferred 158, 581
  Employment 580
  School enrollment for advanced degrees 581
Agricultural services, by type, establishment, employees, *and payroll* 518
Agriculture (*see also* Farms *and* Farmers and farmworkers):
  Advertising expenditures 550
  Aid to foreign countries (Public Law 480) 657
  Balance sheet of the farming sector 641
  Employees 395, 403, 405, 760
  Federal expenditures 267, 305, 309
  Foreign ownership of U.S. agricultural land 639
  Indicators of financial stress 642
  Revenue losses due to Federal tax laws 310
  Unemployment 407, 408
Agriculture, forestry, and fisheries (see also individual industries):
  Corporations, partnerships, and proprietorships 517
  Employees 326, 404, 405
  Injury rates 425
  Gross product, current and constant dollars 433
  Income and profits 517, 532
  National income, origin in 437
  World summary 837

Page

Aid to families with dependent children 357, 379–382
Air conditioning:
  Exports 821
  Homes with 737
  Shipments and retail value 777
Air Force:
  Aircraft on hand 339
  Personnel 340–345
    Active duty personnel and dependents 343
    Desertion and AWA rates 343
    National Guard 345
    Reserve costs 345
    Reserve Officers Training Corps 344
Air Force, Department of:
  Employment, civilian 324, 325
  Research and development 576
Air pollution 200, 201, 204
  Expenditures for abatement 204, 205
Air traffic hubs, summary 616
Air transportation (*see also* Aircraft):
  Accidents 590
  Civil aviation 615, 617
    Employees 405, 588, 615, 617
    Foreign countries 618, 859, 860
    Revenues and expenses 588, 612, 614, 616
  Federal outlays 588
  Fuel consumption 590
  Government expenditures 263
  Hijacking incidents 617
  National income, origin in 437
  Public expenditures 266
  Scheduled air carrier operations 615–617
  Shipments, foreign trade 621
  Supplemental air carriers 617
  Traffic carried 235, 612, 615–617
Aircraft:
  Accident deaths 78, 79
  Civil 615, 617, 619
    Revenues and expenditures 588, 614
  Communication (radio) 544
  Engines and parts 333, 619
  Foreign trade 620, 762, 815, 821, 822
  Fuel consumption 590
  Horsepower 553
  In service 616
  Manufacture *754, 755*
    Employees 412, 619, 754, 755
      Scientists and engineers 579
    Expenditures for new plant and equipment 755
    Profits and assets 531
    Research and development, expenditures 577
    Sales and orders 531, 619
    Shipments 333, 618, 756, 764, 772
  Military 338, 339, 619
  Operating expenses 612, 618
  Value of shipments 333, 776
Airline operations, summary 618
Airmail service *541, 616*
Airports or airfields 327, 617, 618
  Airport Development Aid Program 267
  City expenditures 266
  Federal outlays 588
  Serving large air traffic area or hub 616
Alabama. *See* State data.
Alaska. *See* State data.
Alaska Purchase 188, 192, 193
Albania. *See* Foreign countries.
Alcohol use, by age group 118, 119
Alcoholic beverages. *See* Liquors and beverages.
Alewives, catch 688
Algeria. *See* Foreign countries.
Aliens. *See* Immigration *and* Foreign countries.
Altitudes, geographical 196
Aluminum and manufactures, foreign trade 702, 716, 821, 822
  Energy use 763
  Imports as percent of consumption 703
  Mill products, shipments 771
  Output per hour 415
  Prices 479, 716
    Export 473
  Production and value 692, 701, 716

Page

Aluminum compounds, production ... 769
American College Testing (ACT) Program ... 147
American Federation of Labor (AFL) ... 423, 424
American Red Cross ... 384
American Revolution, cost ... 338
American Samoa. *See* Outlying areas of U.S.
American Stock Exchange ... 506
American Telephone and Telegraph Co ... 543
American wars, cost ... 338
Ammonia and compounds, production ... 769
Amusements (*see also* Recreation):
  Employees ... 404, 781
  Motion picture theaters ... 224, 227
  National income, origin in ... 780
  Performing arts ... 231, 232
  Receipts ... 227
Anchovies, imports ... 691
Anesthesiologists ... 103
  Liability claims and insurance expenses ... 105
Angola. *See* Foreign countries.
Animal oils and fats. *See* Oils, animal.
Animal products (*see also individual products*):
  Consumption ... 121, 668
  Farm income ... 643–645
  Farm output and marketing indexes ... 655
  Foreign trade ... 656, 668, 822
  Producer price indexes ... 470
  Production ... 668, 670
Animal science, degrees conferred ... 158
Animals, domestic (*see also individual classes*):
  Farm income and expenditures for ... 643, 644
  Farm productivity indexes ... 654, 655
  Foreign trade ... 668, 820, 822
  Grazing, national forests ... 674
  Inspected and slaughtered ... 668
  Livestock, volume of trading, U.S. exchange ... 508
  Liveweight production ... 669
  Number and value, on farms ... 668, 669
  Prices:
    Producer price indexes ... 470
    Spot market ... 468
  Work animals, horsepower of ... 553
Annuities. *See* Pensions and retirement benefits.
Antimony, production and supply ... 696, 697, 703
Antiques, imports ... 823
Apparel and related products:
  Advertising expenditures ... 549, 550
  Consumer prices and indexes ... 475, 476, 478
    U.S. and foreign countries ... 851
  Foreign trade ... 782, 787, 821, 823
  Manufacture:
    Corporation sales, profits, and dividends ... 531
    Employees ... 413, 750, 751, 760
      Capital invested per employee ... 526
      Production workers ... 413, 751
    Establishments ... 750
    Expenditures for new plant and equipment ... 751
    Injury rates ... 426
    National income, origin in ... 437
    Production ... 768
      Indexes ... 747
    Value added ... 750, 751
  Producer price indexes ... 470
  Retail trade:
    Employees ... 414, 786
    Establishments ... 785, 786
    Inventories ... 788
    Sales ... 778, 782, 783, 785, 786
  Wholesale trade ... 790
Appeals, U.S. Court of ... 178
Apples:
  Canned ... 667
  Consumption ... 121
  Production and value ... 666
Applesauce, canned ... 667
Appliances, household (*see also* Electric machinery *and* Housefurnishings):
  Homes with ... 737, 848
  Manufacture:
    Employees ... 412, 754, 755, 774
    Expenditures for new plant and equipment ... 755
    Shipments and value ... 756, 774, 777
    Value added ... 754, 755
  Retail trade ... 782, 783, 785, 786
Apportionment, House of Representatives ... 242
Apricots, canned ... 667
Architecture, degrees conferred ... 158
Area of:
  Foreign countries ... 837, 839–841
  Forest land ... 674, 675
  Outlying areas of U.S ... 8, 188, 191, 192, 827

Page

Area of—Continued
  Parks ... 221, 223
  United States ... 6, 8, 10, 839
    Cities ... 23–25
    Public domain ... 193
    States ... 191
    Territorial expansion ... 188, 192
    Water ... 6, 191, 197
  World ... 839–841
Argentina. *See* Foreign countries.
Argon (refined) production ... 769
Arizona. *See* State data.
Arkansas. *See* State data.
Armed Forces ... 340, 341
  Personnel on active duty, by grade ... 344
  Population abroad ... 8
Army:
  Personnel ... 340–345
    Active duty personnel and dependents ... 343
    Desertion and AWA rates ... 343
    National Guard ... 345
    Reserve costs ... 345
    Reserve Officers Training Corps ... 344
Army, Department of the:
  Employment, civilian ... 324, 325
  Military forces ... 339
  Research and development ... 576
Arson, arrests ... 174
Art works, imports ... 823
Arteriosclerosis, deaths ... 74–76
Arthritis and rheumatism ... 115, 116
Arts and humanities, aid to ... 232–234
Asbestos ... 696, 697, 701, 703, 822
Asia. *See* Foreign countries.
Asparagus ... 667
Asphalt, production and value ... 696, 697, 705
  Wholesale price indexes, roofing, etc ... 721
Assault ... 169, 172, 173, 185
Assemblers (farm products), wholesale trade ... 790
Assets:
  Flow of funds accounts, institutions ... 487, 488
  Personal, U.S. and by States ... 462, 463
  State and local governments ... 274
Associations, national ... 53
Athletic goods. *See* Sporting and athletic goods.
Atomic energy defense activities, expenditures ... 331
Australia. *See* Foreign countries.
Austria. *See* Foreign countries.
Automobile loans ... 502
Automobile service and repair ... 794
  Employees ... 781
    Injury rates ... 426
  National income, origin in ... 780
  Receipts ... 794
Automobiles. *See* Motor vehicles.
Automotive products. *See* Motor vehicles, tires and tubes, etc.

B

Bacon ... 822
Bahamas. *See* Foreign countries.
Bahrain. *See* Foreign countries.
Bakery products (*see also* Cereal and bakery products):
  Manufacture ... 750, 751
    Employees ... 405, 413, 750, 751
    Expenditures for new plant and equipment ... 751
    Output per hour ... 415
    Shipments accounted for by largest companies ... 764
Balance sheet, corporate business ... 522
Balance sheet of the farming sector ... 641
Bananas ... 822
Bangladesh. *See* Foreign countries.
Bank tellers and cashiers ... 403
Bankruptcies filed and pending ... 520
Banks (*see also* Finance, insurance, and real estate):
  Assets and liabilities ... 491, 493, 494, 496
  Capital accounts ... 494, 496
  Closed, financial difficulties ... 493
  Consumer credit ... 501, 502
  Demand deposits ... 495, 496, 502, 503
  Debits to deposit turnover ... 502
  Equity capital ... 494
  Federal credit agencies ... 499
  Federal Reserve Banks ... 484, 490–492, 504
    U.S. securities held ... 312, 490
  Flow of funds ... 487–490
  Foreign lending ... 497
  Holding companies ... 493

Page

Banks—Continued
Insured banks ... 491–493, 496, 504
Loans ... 494, 496, 500, 502, 505
Mortgage debt ... 500, 501
Mutual savings banks ... 488–496, 497, 501
National income, origin in ... 437
Noninsured banks ... 493
Number ... 491, 496
Offices ... 493
States ... 492, 495
Structure (mergers, acquisitions, suspensions) ... 493
Time (or savings) deposits ... 441, 495–496, 503, 504
Bank and trust companies ... 414
Barbados. *See* Foreign countries.
Barber and cosmetology schools ... 160
Barite ... 696, 697, 701
Barium ... 703
Barley ... 837
Baseball ... 226
Basketball, professional ... 226
Batteries, retail trade (tire, battery, accessories) ... 782, 783
Battlefield parks and sites, national ... 221
Bauxite, summary ... 716
Foreign trade ... 716, 822
Imports prices (crude) ... 473
Mining industry ... 695
Production and value ... 696, 697, 701
Production, U.S. as percent of world ... 692
Beans:
Acreage, production, and value ... 666
Canned ... 667
Consumption ... 121
Beauty shops, hairdressers and cosmetologists ... 403
Beef (*see also* Meat and meat products):
Consumption ... 121, 668, 848
Foreign trade ... 668
Prices, import and retail ... 473, 479
Local and Chicago markets ... 669
Production ... 668
Beer. *See* Malt liquors.
Beets (*see also* Sugar beets) ... 667
Belgium. *See* Foreign countries.
Bell Telephone System ... 543
Belting, leather, manufacture, summary ... 752, 753
Benin. *See* Foreign countries.
Berries ... 666, 667
Beryllium concentrate ... 696, 697, 716
Beverage factories (*see also* Liquors, etc.) ... 750, 751
Employees ... 413, 750, 751
Expenditures for new plant and equipment ... 751
Beverages, nonalcoholic:
Advertising expenditures ... 550
Consumption ... 121
Employees ... 405, 765
Foreign trade ... 820
Manufacture, value added by ... 765
Producer price indexes ... 470
Shipments accounted for by largest companies ... 784
Bhutan, area and population ... 839
Bicarbonates and carbonates, production ... 769
Bicycles:
Imports and shipments ... 227
Manufacture, summary ... 754, 755
Bills vetoed, Congressional ... 245
Biochemistry, degrees conferred ... 581
Biological sciences:
Degrees conferred ... 158, 581
Employment ... 325, 580
School enrollment for advanced degrees ... 151, 581
Births and birth rates ... 54, 57–61, 64
Births to single women ... 63, 64
Characteristics of women ... 61, 65
Components of population change ... 5, 9, 828
Expectations ... 61, 62
First births ... 61, 63, 64
Foreign countries ... 843
Outlying areas of U.S ... 828
Projections ... 8
Race ... 60
States ... 14, 59, 60
Unwanted births ... 66
Black lung benefit program ... 374
Black population (*see also* Minority races) ... 17, 27
Abortions ... 67
Age and/or sex ... 28, 30
Projections ... 27
Aid to families with dependent children ... 382
Arrests ... 173
Births and birth rates ... 58, 60, 64, 65
Births to single women ... 63
Expectations ... 61, 62

Page

Black population (*see also* Minority races)—Continued
Births and birth rates—Continued
First births ... 63, 64
Unwanted births ... 66
Characteristics ... 32
Children under 18 ... 45, 46
Crime victims ... 169
Deaths and death rates ... 70, 71, 73, 78
Disabled persons ... 378
Elected officials ... 250
Employment status ... 391
High school graduates and dropouts ... 148
Part-time ... 406
Farmworkers ... 403, 654
Federal employees, by pay category ... 326
Fertility ... 62
Homicides ... 170
Households, characteristics ... 41, 42, 44, 47, 734
Illness ... 115, 116
Income ... 441, 442, 445, 447, 448
By family characteristics ... 443, 445
Poverty ... 456, 460
Infant deaths ... 73
Labor force ... 392, 402, 403
Life expectancy ... 69, 70
Marriage and divorce ... 37–39, 80
Migration ... 16
Nutritional intake ... 122
Occupations ... 102, 402, 403
Participation in outdoor recreation ... 228
Physicians ... 402
Visits to ... 104
Schools and education:
Adult education ... 161
Attainment ... 134, 136
College ... 149
Higher education institutions ... 149, 152
High school dropouts ... 148
High school graduates ... 149
Preprimary enrollment ... 139
Private school enrollment ... 146
States ... 31
Suicides ... 79, 170
Unemployment ... 406–408
Voter registration ... 253
Voting age ... 252
Blast furnaces. *See* Iron and steel products.
Blind persons ... 378, 379
Medicaid recipients ... 374
Blood donors ... 384
Blouses, women's and misses', production ... 768
Blue-collar workers ... 322, 401
Employment cost index ... 420
Unemployment rate ... 406
Boating, canoeing, etc ... 222, 228
Accidents ... 590
Boats, motors and sales ... 227
Bolivia. *See* Foreign countries.
Bolts, nuts, etc. *See* Iron and steel products.
Bonds:
Life insurance companies ... 511
New issues ... 506
Prices, yields, sales, and issues ... 313, 505–508
U.S. savings ... 312, 313, 441, 641
Wealthholders ... 463
Book and job printing ... 752, 753
Bookbinding and related industries, summary ... 413, 752, 753
Bookkeepers ... 402
Books, etc ... 225
Printing and publishing industry ... 413
Retail trade ... 786
Sales ... 224
Boots. *See* Footwear.
Boron minerals ... 696, 697
Botany, degrees conferred ... 581
Botulism ... 114
Bowling alleys ... 227
Boxes, paper, manufacturers (*see also* Containers) ... 752, 753
Boxing, professional matches ... 226
Boy Scouts, membership and units ... 231
Brazil. *See* Foreign countries.
Bread. *See* Bakery products.
British Honduras. *See* Foreign countries.
British Solomon Islands, population and area ... 841
Broadcast systems. *See* Radio *and* Television.
Broadcasting stations, radio and television ... 544
Broadway and off-Broadway shows ... 232
Broccoli ... 666
Broilers, production (*see also* Poultry) ... 671
Brokers, dealers, and agents ... 414

Page

Brokers, dealers, and agents—Continued
Bank loans 494
Uses and sources of funds 490
Bromine, production and value 696, 697
Bronchitis, emphysema, etc., deaths 74
Budget, Federal:
Administrative expenditures, national defense 331
National income and product accounts 306
Off-budget Federal entities 308
Outlays 308, 330, 331
Receipts, outlays, and debt 303–305, 307, 309, 311, 467
Controlled and uncontrolled outlays 307
Trust funds 305, 306
Budgets, urban family and retired couple 480
Building construction and trades. *See* Construction industry.
Building materials:
Cost indexes 722
Foreign trade 822
Imports 823
Producer price indexes 469, 470, 678, 721
Retail trade 782, 783, 786
Wholesale trade 790
Building operations 721–727, 738
Building permits 726
Buildings. *See* Construction industry *and* Housing and housing units.
Buildings, Federal 193, 327
Burglary 169–171
Burma. *See* Foreign countries.
Burundi. *See* Foreign countries.
Buses 586, 606
Employees, bus drivers 405
Accidents/fatalities 600
Exports and sales (trucks and buses) 595
Factory sales and wholesale value 597
Intercity operations 607
Registration (trucks and buses) 596, 597
Scrapped (trucks and buses) 595
Travel and speed 601
Business and commerce, degrees conferred 158, 159
College enrollment and salary offers 151, 157
Business and repair services (*see also* Service industries):
Employees 760, 781
Establishments 794
Injury rates 426
National income, origin in 780
Business enterprise (*see also individual types of business and industry*):
Bankruptcies filed 520
Capital, fixed nonresidential 525
Coincident indicators 528
Concerns, number 517, 519
Corporate inventory valuation adjustment 521, 531
Corporate philanthropy 536
Corporate profits and dividends 516, 521
Cycles 529
Establishments 518, 792
Expenditures:
Plant and equipment, new 527
Research and development 572, 575
Failures and liabilities 519, 520
Failures, number 515, 519
Financial data 515–518, 522–524, 527, 530–533
Flow of funds 487–490
Foreign-owned firms 535, 805
U.S. affiliates 804
Formations 515, 519
Franchised establishments 788, 789
Gross domestic product, corporations 521
Investment 526
Lagging indicators 528
Leading indicators 528
Loan rates 505
Loans to minority-operated small businesses 516
National income, origin in 436
Patents 536
Proprietorships, partnerships, and corporations 517
Business schools 160
Butter (*see also* Dairy products):
Consumption 121
Manufacture 670
Prices, retail 479

C

Cable television 539, 542, 545
Cadmium 701, 703
Cafeterias. *See* Eating and drinking places.

Page

Calcium-magnesium chloride 696, 697
Calculators, shipments and value 777
California. *See* State data.
Calories consumed per day 120
Calves 644, 669
Cameras. *See* Photographic apparatus, etc.
Cameroon. *See* Foreign countries.
Campaigns, fund raising 256, 257, 384
Campers (trucks and trailers) 598
Camping, picnicking, etc 222, 223, 228
Canada. *See* Foreign countries.
Canal Zone. *See* Outlying areas of U.S.
Cancer (malignancies), deaths 74, 76, 77
Candy and candy stores. *See* Confectionery.
Cane sugar. *See* Sugar.
Canning and preserving industry:
Employees 413
Output per hour 415
Products 667, 685, 686, 690, 691
Capacity utilization, index 757
Cape Verde Islands, population and area 841
Capital appropriations, by industry 759
Capital, fixed 525, 758
Capital expenditures 527
Manufacturers 746, 748–751, 758, 763
Iron and steel industry 770
Capital punishment 185, 186
Capital stock:
Banks 494, 497
Corporations 521, 531
Utilities 542, 567, 569
Carbon dioxide (natural), production and value 696, 697, 769
Cargo tonnage. *See* Tonnage.
Carpenters 403
Carpets and rugs. *See* Floor coverings.
Carrots 666, 667
Cashew nuts, import prices 473
Castings and shipments 771
Casualties, Vietnam conflict 342
Cattle:
Farm income 644
Farm labor in hours 654
Imports 823
Liveweight production 669
Number and value, on farms 668, 669
Prices 669
Cauliflower, acreage, production, and value 666
Celery, acreage, production, and value 666
Cement, summary 711
Foreign trade 711, 823
Manufacture 752, 753
Employees 412, 752, 753
Energy used 763
Output per hour 415
Prices 479
Producer price indexes 471, 721
Production 696, 697, 711
World 837
Center of population 7
Central America. *See* Foreign countries.
Central American Common Market, U.S. trade 816
Cereal and bakery products, prices 470, 476
Cereal consumption 121
Cerebrovascular diseases, deaths 74–76
Chad. *See* Foreign countries.
Chain stores, multiunits (*see also* Retail trade) 782, 783
Channel Islands, population and area 841
Charge accounts, department stores 784
Charitable contributions 384
Cheese (*see also* Dairy products) 121, 670
Chemicals and allied products *(see also individual chemicals)*:
Expenditures:
Plant and equipment, new 527, 753
Multinational companies 534
Research and development 577
Exports 759, 762, 815, 820, 821
Foreign trade 822
Imports 762, 820, 821
Manufacture 752, 753
Capacity utilization rates 747
Capital appropriations and expenditures 759
Defense-oriented industries 333
Employees 413, 753, 760
Capital invested per 526
Injury rates 426
Scientists and engineers 579
Energy used 763
National income, origin in 437
Production, by kind 769

Page

Chemicals and allied products —Continued
Manufacture—Continued
Injury rates—Continued
Production indexes ... 747
Profits ... 531, 533
Railroad car loadings ... 609, 610
Sales ... 531
Value added ... 752, 753
Pesticide residue in human tissue ... 203
Used on farms ... 653
Value of shipments ... 756, 768
Producer prices ... 470, 472
Wholesale trade, summary ... 790
Chemistry:
Degrees conferred and salary offers ... 141, 157, 158, 581
Employment ... 579, 580
Nobel prize laureates ... 578
Cherries ... 666, 667
Chicken pox ... 114
Chickens. *See* Poultry.
Child abuse ... 172
Child care arrangements ... 383
Child support payments and alimony ... 383
Children (*see also* Population *and* Vital statistics):
Aid, social welfare programs ... 356, 357, 378, 380–382
Aliens ... 93
Attending school ... 127, 131, 133, 137, 138, 140
Days lost from school ... 113
Dental caries (cavities) by age ... 117
Families with ... 44–46
Low income ... 455
Immigrants ... 85
Immunized against disease ... 114
Juvenile delinquency ... 182, 185
Mothers working ... 133, 399
Number per divorce decree ... 80
Old-age, survivors, disability, and health insurance benefits ... 366
Orphans ... 382
Participating in school lunch programs ... 122, 124
Under 18, by presence of parents ... 46
Chile. *See* Foreign countries.
China. *See* Foreign countries.
Chrome ... 769
Chromite ... 718
Chromium ... 703, 718
Church affiliated schools ... 145, 146
Churches:
Construction value ... 723–726
Contributions ... 53
Number and membership ... 50–52
Cigarettes:
Foreign trade ... 821
Manufacture ... 750, 751
Employees ... 413, 750, 751
Production, number ... 766
Shipments accounted for by largest companies ... 764
Prices ... 473
Producer prices ... 472
Smokers and use ... 118, 119
By sex and age ... 119
Stores and stands, retail trade (cigars) ... 786
Taxes, by States ... 279
CIO (Congress of Industrial Organizations) *See* AFL-CIO.
Circulation of money ... 503
Circulation of newspapers and periodicals ... 547, 548
Foreign countries ... 849
Cirrhosis of liver, deaths ... 74, 75
Cities:
Area, land ... 23–25
Climate ... 206–215, 217, 218
Consumer price indexes ... 478
Crimes and arrests ... 166, 168
Debt ... 286
Employees and payrolls ... 298, 299
Finances of city governments ... 286–290
Governmental units ... 283, 284
Housing units, occupied ... 732
Officials, elected ... 250
Per capita money income ... 454
Population ... 17, 22–25
Property tax rates ... 291
Revenue and expenditure ... 290
Stock ownership ... 508
Citizens:
Arrivals and departures ... 235
Born abroad or at sea ... 35
Naturalized ... 87, 92, 93
Citrus fruits ... 666, 667
Consumption ... 121

Page

Civil aviation. *See* Air transportation.
Civil cases and trials ... 178, 179
Civil defense ... 331
Civil service employees. *See* Government.
Civil War, cost ... 338
Civilian population ... 6, 8
Labor force. *See* Employment and labor force.
Outlying areas of U.S ... 826
Clams ... 686–688, 690
Clay products (*see also* Stone, clay, and glass products industry):
Foreign trade ... 820
Manufacture ... 752, 755
Employees ... 412, 752, 753
Mining ... 695–697
Cleaning, dyeing, pressing, etc., establishments:
Franchises ... 788
Injury rates ... 426
Clergymen, pastors with charges ... 50, 51
Clerical and kindred workers ... 402–404
Employee benefits ... 421
Median earnings ... 419
Climate, selected cities ... 206–215, 217, 218
Precipitation ... 211–213
Temperature ... 206–210
Clocks, watches, etc.:
Foreign trade ... 823
Manufacture ... 754, 755
Employees ... 413, 754, 755
Shipments and value ... 777
Cloth. *See* Textile industry *and* Textiles.
Clothing. *See* Apparel.
Coal (*see also* Petroleum and coal products and coke):
Car loadings ... 609, 610
Consumption ... 554–556, 560, 704, 710
Electric utilities ... 704, 710
Energy source ... 555, 556
Foreign countries ... 855, 856
Foreign trade ... 561, 710, 711, 815, 820
Mines ... 695, 710
Employees ... 405, 412, 700, 710
Hours and earnings ... 700
Injuries ... 702
Prices ... 479, 559, 700
Export ... 473
Producer ... 470, 472
Production and value ... 554, 560, 692, 694, 696, 697, 701, 704, 710
By region and type ... 560
Foreign ... 855, 856
Public land leases ... 328
World production ... 837
Coal-tar products, foreign trade ... 820
Coast Guard personnel ... 341, 342
Coastal population ... 10
Coastlines, measurement of ... 197
Coastwise traffic ... 621, 622
Coats, suits, etc., manufacture ... 750, 751
Employees ... 413, 751
Production ... 768
Cobalt ... 479, 497, 696, 697, 703, 714
Cocaine, persons using ... 118
Cocoa, coffee, etc., foreign trade ... 822
Prices, import (cocoa) ... 473
Cod ... 686–688, 690, 691
Coffee:
Consumption ... 121
Foreign trade ... 822
Prices ... 472, 473
World production ... 837
Coffeemakers, automatic ... 777
Coins ... 503
Coke (*see also* Coal) ... 479, 705
Car loadings and freight carried ... 609
Coke ovens, men employed ... 702
Collective bargaining settlements ... 423
Colleges and universities. *See* Education, higher education institutions.
Colombia. *See* Foreign countries.
Colorado. *See* State data.
Columbium-tantalum ... 703
Commerce:
Domestic, by rail ... 609
Water ... 621, 622
Foreign. *See* Foreign trade.
Intercoastal ... 621, 622, 625
With outlying areas of U.S ... 833
Commerce and transportation, Federal expenditures ... 305, 309
Revenue losses due to Federal tax laws ... 310
Commercial buildings, construction ... 722–725

Page

Commercial printing (*see also* Printing and publishing industries) ... 752, 753
Shipments accounted for by largest companies ... 764
Commercial service ... 520
Commodities. *See individual types of commodities.*
Commodity Credit Corporation ... 641, 648-650
Realized losses ... 649, 650
Commodity futures trading ... 508
Common Market ... 816
Communication equipment, manufacture ... 754, 755, 774
Employees ... 405, 412, 754, 755
Scientists and engineers ... 579
Shipments ... 756, 764, 773, 774
Communications, degrees conferred ... 156
Communications industry *(see also individual industries):*
Assets or liabilities ... 524
Corporations, partnerships, and proprietorships ... 517
Employees ... 405, 412
Expenditures for new plant and equipment ... 527
Foreign countries ... 849
Gross product, current and constant dollars ... 433
Income and profits ... 517, 532
National income, origin in ... 437
Receipts ... 524
Wage and salary disbursements ... 438
Communist areas (*see also* Foreign countries), U.S. trade with ... 816, 818
Community development and housing:
Federal aid to State and local government ... 267
Federal budget receipts and outlays ... 305, 309
Revenue losses due to Federal tax laws ... 310
Comoro Islands, population and area ... 841
Computer science:
Data processing ... 793
Degrees conferred ... 158, 581
Employment ... 402, 579, 580
Computer use in public schools ... 145
Computers, personal ... 777
Concerts, symphony orchestras ... 232
Concrete and plaster products:
Import prices ... 473
Manufacture, summary ... 752, 753
Employees ... 412, 752, 753
Output per hour ... 415
Producer price indexes ... 471, 721
Condensed and evaporated milk ... 121, 670
Confectionery:
Advertising expenditures ... 550
Manufacture ... 750, 751
Employees ... 413, 750, 751
Output per hour ... 415
Retail trade ... 786
Congo. *See* Foreign countries.
Congress of Industrial Organizations (CIO). *See* AFL-CIO.
Congress, U.S.:
Apportionment of Representatives ... 242
Bills, acts, resolutions ... 245
Black elected officials ... 250
Campaign finances ... 257
Composition ... 245, 246
Congressmen, salaries ... 326
Members and occupations ... 247
Representatives, vote cast ... 243, 244, 251, 254
Senators, vote cast ... 241
Connecticut. *See* State data.
Conservation and development, construction ... 723, 724
Construction expenditures for upkeep ... 739
Construction industry (*see also* Building materials *and* Highways):
Assets and liabilities ... 524
Buildings authorized ... 726
Building permits ... 726
Construction contracts ... 518, 725, 738
Defense ... 335
Value, by States ... 725
Corporations, partnerships, and proprietorships ... 517
Cost ... 722
Employees ... 400, 403-405, 410-412, 518, 721
Capital invested per worker ... 526
Earnings, average ... 410, 412, 417
Injury rate ... 425
Establishments, number ... 518, 721
Expenditures, Government ... 266, 269, 275, 286
National defense ... 331
Firms, failures and liabilities ... 520
Gross product, current and constant dollars ... 433
Housing units, new ... 726, 727
Income and profits ... 532
Injury rates ... 426
National income, origin in ... 437

Page

Construction industry (*see also* Building materials *and* Highways):—Continued
Nonresidential building projects ... 724, 742
Outlying areas (Puerto Rico) ... 833
Payroll ... 518, 721
Receipts ... 524, 721
Unemployment ... 407, 408
Union wage rates, indexes ... 722
Value added ... 721, 722
Value of construction ... 720, 723-726
Wage and salary disbursements ... 438
Construction machinery, equipment, etc.:
Exports and imports ... 762
Manufacture ... 754, 755
Employees ... 412, 754, 755, 774
Shipments ... 756, 774
Accounted for by largest companies ... 764
Producer price indexes ... 471
Construction materials. *See* Building materials.
Consumer:
Cooperatives ... 535
Credit ... 468, 501, 502
Expenditures ... 433, 438, 481
Books ... 224
Farm foods ... 652
Foreign countries ... 854
Medical care ... 97, 98
Price increases, selected countries ... 477
Price index, foreign countries ... 367
Consumer price indexes ... 309, 464, 466, 477, 478, 482
By commodity group ... 475, 476
Foreign countries ... 851, 854
Purchasing power of the dollar ... 466
Year-to-year changes ... 417, 467
Consumption. *See individual commodities.*
Containers, manufacture and shipments:
Employees ... 412, 750, 751
Glass ... 750, 751
Metal ... 754, 755, 772
Paperboard and wooden ... 750, 751
Continents, population ... 838
Continents, trade (*see also* Foreign countries) ... 816
Contraceptive use ... 66
Contribution rates, Social Security ... 363
Conveyors, shipments, value ... 774
Cooling degree days ... 216, 218
Cooperatives:
Consumer ... 535
Farm ... 535, 650
Copper ... 703, 714
Foreign trade ... 702, 714, 821, 823
Mining industry ... 695
Output per hour ... 430
Production and value ... 692, 696, 697, 701
States ... 714
Prices ... 479, 700, 714
Import and export ... 473
Product shipments ... 771
Copyrights, registration ... 548
Corn:
Canned ... 667
Commodity Credit Corporation transactions ... 648, 650
Foreign trade ... 658, 661, 820, 858
Grain:
Acreage and value ... 654, 659, 661
Foreign trade ... 658
Prices, average ... 659, 661
Production ... 658, 659, 661
Prices, average, export ... 473
Production ... 658, 660
Cost and returns ... 660
World and foreign ... 837, 858
Products, consumption ... 121
Sweet corn, summary ... 666
Corn poppers ... 777
Corporate business ... 521, 522, 531
Corporate farms ... 636
Corporations:
Assets ... 488, 523
Assets and liabilities ... 522-524, 530, 531
Dividend payments ... 532
Foreign ownership, by industry ... 535
Inventories ... 436, 522, 523
Invested capital ... 531
Largest 200 ranked on value of assets ... 522
Manufacturing, assets and profits ... 530, 757
Nonfinancial ... 521, 522, 531
Number ... 516, 518
Philanthropy ... 536
Profits ... 515-517, 521, 523, 531-533, 757

Page

Corporations—Continued
Profits—Continued
National income component 436
Receipts 321, 516, 517, 523, 524
Retail trade 532
Sales 518, 523, 530, 531, 757
Stocks and bonds 505
Taxes:
Corporate income tax 265, 315, 321, 515, 523, 524, 532
Indexes by type of tax 313
State tax collections 279
Correctional institutions (*see also* Prisons and prisoners):
Characteristics, by State 184
Jails 182
Juvenile 182
Prisoners 183, 184
Correspondence schools 160
Cosmetics, perfume, etc. *See* Toilet preparations.
Cosmetology and barber schools 160
Costa Rica. *See* Foreign countries.
Cost-of-living indexes. *See* Consumer price indexes *and* Prices.
Cotton:
Acreage 659, 664
Consumption 664
Export prices (upland) 473
Farm sales 644
Foreign trade 656, 658, 664, 820
Output and marketing indexes 654, 655
Prices 659, 664
Production 654, 658–660, 664
Costs and returns 660
World and foreign 837
Cotton manufactures 750, 751
Consumption of cotton 766
Employees 750, 751
Producer price indexes 470
Countries. *See* Foreign countries.
County governments 283, 284
Employees and payrolls 293
Finances 284
Population by size-group 284
Courts 178, 179, 182
State 180
Cows 654, 669, 670
Crabmeat, imports 691
Crabs 686–690
Craft and kindred workers, median earnings 434
Cranberry sauce, canned 667
Credit, consumer 501, 502
Credit markets, Federal participation 312
Credit unions 491, 492, 499, 501, 535
Uses and sources of funds 490
Crime and criminals:
Against households 169, 170
Arrests 162, 173, 174
Cases filed, State courts 180
Court proceedings 178, 179
Crime rates 162, 166–168
Drug violations 183
Firearms used 172
Fraud 173
Homicides 170, 171, 173, 179
Police officers killed 172
Victims, by weapons used 171
Immigration violations 90
Intercepts of communication 175
Juveniles in custody 182
Offenses known to police 167, 168, 171
Persons charged 169
Prisoners 181, 183–186
Drug violations 183, 184
Serving death sentences 185, 186
States 181
Public officials, prosecutions 175
Stolen property 171, 173,
Victims 169, 170, 172
Crops. *See* Farms *and individual crops.*
Crude materials:
Foreign trade 813
Commodities 815, 820, 822
Production and consumption 837
Volume of trading, U.S. exchange 508
Cuba. *See* Foreign countries.
Currency:
Circulation and stock 503
Foreign exchange rate 862
Personal saving component 441
Supply 503
Volume of trading, U.S. exchange 508

Page

Cusk, imports 691
Customs, receipts 303, 305, 307
Duties and percent of value 823
Customs regions, imports and exports 814, 823
Cutlery, hand tools, hardware manufacture 412, 754, 755
Cyclones 205
Cyprus. *See* Foreign countries.
Czechoslovakia. *See* Foreign countries.

D

Dairy cows 669, 670
Dairy products *(see also individual products):*
Consumption 121, 848
Farm output and marketing indexes 655
Farm sales and income 644, 670
Foreign trade 656, 820
Manufacture 413, 750, 751
Milk sales reported by farms 670
Producer prices 470, 670
Retail prices 670
Production 670
Retail prices 476
Death sentence, prisoners under 185
Deaths and death rates (*see also* Accidents and fatalities):
Age and sex 70, 71, 75, 845
Cancer 76, 77
Cause 74–76, 78, 79, 590, 599, 608, 611, 615
Components of population change 5, 9, 826
Fetal and neonatal 73
Foreign countries 843, 845
Heart disease 77
Infant 73
Maternal 73
Occupational 426
Outlying areas of U.S 828
Race 70, 71, 73
States 14, 72, 76
Summary 54, 57
Debits to deposit accounts 502
Debt (*see also* Loans and mortgages):
Farm 642, 646, 648
Manufacturing corporations 533
Public:
Cities 287, 290
Federal Government 261, 304, 311–313, 490
Foreign countries 864
Interest earned 262, 264, 275, 286, 305
Local government 261, 274, 286, 288
State and local government 261, 269, 274
Highways 694
State government 261, 274, 275, 277
Defense, Department of (*see also* Army, Navy, *and* Air Force):
Budget, outlays 311
Contract awards, by States 335
Employees, civilian 334, 335, 340
Employment 324, 325, 334, 340
States 323, 335
Expenditures 331, 332, 334
Health and medical care 99
Research and development 332, 572, 574, 576, 579
Space program 582, 619
Funds available and outlays 332
Property, real and personal 327
Defense-oriented industries, shipments 333
Degrees conferred 158, 159, 581
Dehumidifiers 737, 777
Delaware. *See* State data.
Delinquency, juvenile 182, 185
Denmark. *See* Foreign countries.
Density of population 6
Cities 23–25
Coastal 10
Foreign countries 839–841
States 11
Dental caries (cavities) in children, by age 117
Dentists 102, 103, 105, 402, 405
Charges and expenditures for 97, 98, 100
Degrees conferred 159
Dental care of persons covered by insurance 100, 101
Earnings from practice 105
Foreign countries 844
Medicaid payments 374
Schools, students, and graduates 102
Visits to 104
Department stores (*see also* Retail trade) 782–784
Deposits. *See* Banks.
Desertion rates, military 343

Page

Development Loan Fund ... 811
Diabetes ... 74–76, 117
Diamonds, imports ... 702, 822
Diatomite ... 696, 697
Diesel fuel ... 602
Dietitians and therapists ... 102, 402
Diphtheria ... 114
Direct selling (house-to-house) ... 786
Disability ... 113
  Benefits paid ... 358
  Compensation and allowances, veterans ... 347–349
  Days lost from work, school ... 113, 116
Disability insurance Trust Fund ... 306, 363, 378
Disabled persons:
  Characteristics ... 378, 396
  Medicaid recipients ... 374, 378
  Old-age, survivors, disability, and health insurance. *See* Social insurance.
  Public assistance ... 378
  Vocational rehabilitation ... 378
Disasters (tornadoes, floods, etc.) ... 205
Discharges, military ... 343
Discount rates, Federal Reserve Bank of New York ... 484, 504
Diseases ... 114–116
  Deaths from ... 74–77
  Immunization of children ... 114
Dishwashers ... 737, 777, 848
Displaced persons ... 85
Distilled liquors. *See* Liquors and beverages.
District Courts, U.S ... 178, 179
District of Columbia. *See* State data.
Dividends:
  Banks ... 491
  Communications systems ... 542, 543
  Corporation ... 532, 757
  Individual income tax returns ... 316, 320
  Insurance ... 509
  National and personal income components ... 436, 438
  Railroad stock ... 608
Divorce. *See* Marriage and divorce, *and* Marital status.
Doctorates (Ph.D.'s) ... 157–159
Doctors, M.D.'s. *See* Physicians.
Dog racing, greyhound ... 226
Domestic service workers ... 395, 403, 781
  Median earnings ... 419
  National income, origin in ... 437, 780
Dresses, manufacture ... 768
Drinking places. *See* Eating and drinking places.
Driving while intoxicated ... 173, 600
Dropouts (school leavers) ... 148
Drownings ... 78, 171
Drug abuse, treatment facilities ... 118
Drug stores, retail trade ... 782, 786
  Inventories ... 783
  Sales ... 782, 783, 786
Drug users, by type of drug ... 118
Drug violations ... 173, 179, 185
  Value of seizures by Immigration Border Patrol ... 91
Drugs and medicines (*see also* Pharmaceuticals):
  Advertising expenditures ... 549, 550
  Consumer price indexes ... 476
  Expenditures and charges for ... 97–100
  Foreign trade ... 821
  Manufacture ... 413, 752, 753
  Medicaid payments ... 374
  Producer price indexes ... 470
  Retail sales ... 778, 785, 789
  Wholesale trade ... 790
Drunk driving ... 173, 600
Dry goods ... 790
Dryer, clothes ... 737, 777
Durable goods and industries *(see also individual goods and industries):*
  Manufacture:
    Capacity utilization rates ... 747
    Employees ... 405, 412, 413
    Expenditures for new plant and equipment ... 527
    Inventories, orders, and shipments ... 756, 757
    National income, origin in ... 744
    Production indexes ... 747
    Stockholders' equity, profit rates on ... 533
  Personal consumption expenditures ... 433, 435
  Producer price indexes ... 469
  Retail trade, sales and inventories ... 782, 783
  Wholesale trade, sales and inventories ... 790
Dutiable imports and duties ... 823
Dwellings. *See* Housing and housing units, *and* Households or families.
Dyeing and cleaning establishments. *See* Cleaning, dyeing, pressing, etc.

Page

Dyeing and finishing textiles, manufacture ... 750, 751

E

Earnings. *See* Profits, *and* Salaries and wages, *and individual industries.*
Earth sciences, employment ... 580
Eating and drinking places ... 783, 786
  Employees ... 403, 405 414, 786
  Franchises ... 788
  Purchases ... 784
  Retail trade ... 778
  Sales ... 782–784, 786
Economic assistance ... 657, 796, 811, 812
Economic Communities (Common Market) ... 847, 854
Economic growth rates ... 432, 434, 435
  Foreign countries ... 435, 847
Economics:
  Employment ... 579, 580
  School enrollment and degrees conferred ... 158, 581
Ecuador. *See* Foreign countries.
Education:
  Adult, source of instruction ... 161
  American College Testing (ACT) Program ... 147
  Attainment ... 127, 134–136, 148, 149, 401
    By age, sex, and race ... 134
    By occupation ... 401
    Lifetime earning ... 453
    Outlying areas of U.S ... 827
    Persons 25 years old and over ... 135,136
    Prisoners ... 183
    Race or ethnic origin ... 136
  Church affiliated schools ... 145, 146
  Construction ... 723–726
  Degrees conferred ... 157–159, 581
    Salary offers ... 141, 157
  Employment and payrolls ... 298
  Employment, State and local government ... 293, 295
  Employment status of high school graduates and dropouts ... 148
  Employment status, persons 16–24 years old ... 397
  Enrollment ... 126, 131, 132, 139, 140, 146, 149
    Bilingual programs ... 152
    College students, by family income level ... 152
    Nonpublic schools ... 126, 127, 131, 140, 145
    Outlying areas of U.S ... 828, 847
    Preprimary schools ... 126, 133
    Projections ... 126
    States ... 138, 153
  Expenditures ... 129, 137
    City government ... 289
    Federal Government ... 129, 263, 576
    Foreign countries ... 845
    Higher education institutions ... 129, 154, 156, 262
      Scholarships, fellowships ... 154
    Private schools ... 129
    Projections ... 129
    Public elementary and secondary schools ... 129, 143
    Pupil transportation ... 144
    Salaries, administrators ... 156
    State government ... 129, 275, 276
    Welfare programs ... 357
  Foreign countries ... 845
  Puerto Rico ... 830
  Funds for:
    Federal government. *See* Federal aid to education.
    State and local government ... 266, 269
      Payrolls ... 293, 295
  Higher education institutions ... 128, 150, 153, 154, 156, 160
    Charges for room and board ... 155
    Degrees conferred ... 157–159
    Enrollment ... 126, 131, 149–153, 156
      Advanced degrees ... 581
      By field of study and sex ... 151
      Junior colleges ... 152
      Minority races ... 152
      Projections ... 126, 131, 150
      States ... 132, 153
      U.S. service schools ... 153
    Expenditures ... 129, 154, 156
      Price indexes ... 154
      Scientific purposes, by type ... 578
    Faculty ... 150, 156, 157
    Financial aid ... 155, 156
    Foreign students ... 151
    Graduates (*see also* Education, attainment *and* Degrees conferred) ... 149, 581
  Income ... 154

Page

Education—Continued
Higher education institutions—Continued
Income—Continued
Government funds 266, 269
Junior colleges 152
Libraries 159, 160
Noncollegiate postsecondary schools 160
Price indexes 154
Scientists and engineers, employed 578, 580
Tuition and fees 155
Voluntary financial support 156
International, Federal funds for 129
Kindergartens 126, 131, 138
Loans and grants, Federal government 155
Preprimary school enrollment 126, 132, 133
Private schools 128, 129, 131, 146
Elementary and secondary enrollment 126, 127, 131, 146
Projections 126
Teachers 157
Tuition 146
Projections, high school and college graduates 149
Public elementary and secondary schools 127, 128
Attendance 137
Computer use 145
Enrollment 126, 127, 131, 137–140
Black 139
States 132
Expenditures 129, 137, 142, 143
High school graduates 148
Instructional staff 137
Libraries/media centers 144
Price indexes 142
Pupil transportation 144
Projections 126, 131
Revenue 137
Special education programs 144
Teachers 137, 140, 141
Revenue from all governments 143, 263
Revenue losses due to Federal tax laws 310
Scholastic Aptitude Test 147
School busing 144
School districts 283
School-loss days 113, 136
School lunch programs 122, 124
School years completed. *See* Education, attainment.
Education, Dept. of, budget authority and outlays 311
Educational and cultural associations 53
Educational buildings, expenditures for plant expansion 154, 742
Eggs (*see also* Poultry):
Consumption 121
Exports 820
Farm income (poultry and eggs) 644
Output and marketing indexes 654, 655
Prices:
Farm and parity 671
Producer 470, 472
Retail 479
Production 671
Egypt. *See* Foreign countries.
Eire. *See* Foreign countries.
Elderly (*see also* Population, age):
Characteristics, by age, race, and sex 30
Employment and income 456
Federal benefits, by type 361
Medicaid payments and recipients 374
Sixty-five years old and over 362
Elections:
Black elected officials 250
Campaign expenditures 256, 257
Congressional 241, 243, 244, 251
Gubernatorial 248
Presidential 236, 238–240, 251
Voter registration 253, 254
Voter turnout 236, 252–254
Voting-age population 251–255
Women in public office 251
Electric central stations, horsepower 553
Electric energy 563–565
Consumption 556
Manufacturing industries 763
Foreign countries 855, 856
Generating plants, ownership 566
Nuclear capacity 568
Sales to ultimate customers 566, 567
Electric light and power industry:
Balance sheet and income account 567
Capability 565
Construction 722–724
Consumer cooperatives 535

Page

Electric light and power industry—Continued
Consumption of fuel 710
Electric energy:
Consumption 553
Production 553, 564, 565
World and foreign 837
Projections of requirements 563
Sales 566, 567
General capacity, installed 564, 565
Injury rates 426
Local government enterprise 266, 269, 286
National income, origin in 437
Ownership, class of 564, 565
Peak load 565
Revenues 567
Electric machinery (*see also* Machinery):
Exports, U.S. as compared to world 759
Foreign trade 815, 821, 823
Manufacture 754, 755
Capital appropriations and expenditures 759
Defense-oriented industries 333
Employees 412, 754, 755, 774
Capital invested per employee 526
Expenditures, plant and equipment, new 527
Injury rates 426
National income, origin in 437
Shipments, value 756, 774
Stockholders' equity, profit rates on 533
Wholesale trade 790
Producer price indexes 471
Electricity (*see also* Fuel and lighting):
Foreign countries 568, 844, 855
Prices 483
Indexes 470, 471, 482
Production and consumption 552, 553
Residential use expenditures 559, 737
Sales 556, 566
Electronic eavesdropping 175
Electronic equipment:
Components and accessories 774, 775
Computing equipment, summary 773, 775
Corporations, financial data 531
Employment in manufacturing 326, 405, 760
Foreign trade 762, 821
Research and development expenditures 577, 579
Shipments 774
Elevations 196
El Salvador. *See* Foreign countries.
Emery, production and value 696, 697
Employment and labor force (*see also individual industries or occupations*) 395, 518
Age 392, 395, 396
Agricultural workers (*see also* Farmers and farm workers) 395, 405
Aircraft industries 619
Benefits and benefit plans 421
By age, sex, and marital status 394
By education attainment 401
By households 42
City government 293, 298, 299
Civilian labor force 386, 390, 391, 393–395, 400, 402, 403
Employed persons, by hours worked 395
Employment by sex, race, and age 393, 394, 458
Full- and part-time 395, 458
Median earnings, by sex 419
International comparisons 852
Median earnings 452
Military agencies 340
Pension plan coverage 368
States 393
Construction industry 400, 403, 405, 721
Corporations and merchandising firms 530
Defense-related employment 334
Disabled persons 378, 396
Employment cost index 420
Employment status 386, 390, 391, 394, 404, 407
Outlying areas of U.S. 830
Persons 16–24 years of age 397
Persons 65 years old and over 30
Engineers and scientists 400, 402, 579, 580
Farm. *See* Farmers and farmworkers.
Farm population 631
Federal Government. *See* Government.
Foreign companies, U.S. affiliates 804
Foreign countries 852
Foreign-owned firms 805
Health occupations 102, 400, 405
High school graduates and dropouts 148

Page

Employment and labor force—Continued
Husband and wife working 399, 420
Indexes of output and production 389, 415, 416
U.S. and foreign countries 853
Industry groups 395, 404, 405, 410–414, 773
Injury rates 426
Private, employee earnings 417
Iron and steel industry 770
Manufacturing industries 405, 518, 758
Marital status 394, 398, 399
Migratory workers 90, 654
Minimum wage rates 422
Minority races 402, 403
Nonagricultural establishments 410
Nonagricultural workers, hours, earnings 395, 405, 410–414
Nonproduction workers, manufacturing industry ..746, 748–751
Occupational groups (*see also* Occupations) 400, 402–404
Sex, race, and educational attainment 701
Weekly earnings 419
On U.S. merchant vessels 626
Output per worker-hour 389, 415, 416, 654, 655
U.S. and foreign countries 853
Part-time workers 408
Participation rates 392, 393, 398, 399
Selected countries 852
Persons of Spanish origin 396
Persons with a job, not at work 395
Police protection and correction 175, 176, 403
Postal employees, by type 540
Production workers 412, 413
Manufacturing industry 745, 746, 750, 751
Earnings, weekly 417
Hours and earnings, States 418
Largest companies 763
Output per hour 415
Puerto Rico 832
States 748, 749
Projections 392, 405
Puerto Rico 830
Race 392, 402, 403
Retail trade 781
Scientists and engineers 579, 580
Selected services 402, 794
Self-employed workers 395
Sex 391, 392, 395, 396, 400, 402–404, 407
Shipyards 626
Social insurance coverage (*see also* Social insurance) 360, 362, 370
State and local government 292–297
Police protection and correction 176
Work stoppages 425
States 411
Taxes 305, 315, 320
Telephone company employees 403, 543
Transportation industry 588
Unemployed workers (*see also* Unemployment) 386, 390, 391, 394–396, 404, 406–409
International comparisons 852
Not in labor force 404
Rate, white-collar and blue-collar workers 406, 407
Reasons 396, 407
Sex and State 393, 399
Urban wage earners, retail price indexes of food 480
Volunteer workers 384
Wholesale trade 790, 791
Women in the labor force 398–400, 402, 403, 420
By age of children 133, 399
Median income 449
Work stoppages 424, 425
Years of school completed 397
Youth employment programs 357
Employment cost index, by industry and occupation 420
Endangered species 203
Energy:
Assistance for persons with limited income 357
By characteristic of household 558, 559
By source 553, 556
By type of fuel 558, 559
Consumption 552, 554, 556, 558–560
Per capita 554
States 555
Value added, by industry 763
Development and research 576
Expenditures:
By source 556
States 557
Federal 309
Fossil fuel prices 559

Page

Energy—Continued
Imports 552, 554
Production 552, 554, 704
By region and type 560
Companies 562
Foreign countries 855, 856
Per capita 554
Residential expenditures 556, 558, 559
Solar collectors, manufacturers' shipments 571
Used in manufacturing 763
Energy, Department of, Budget authority and outlays 311
Energy security trust fund 306
Engineering:
Degrees conferred 158, 159, 581
Salary offers 141, 157
Employment 402
Federal Government 325, 580
Type of institution 580
Students 151, 581
Engineers and scientists 400, 402, 579–581
States 582
Engines and turbines:
Manufacture 754, 755
Employees 412, 754, 755, 774
English and journalism, students 151
English, degrees conferred 158
Environmental pollution 199, 201
Hazardous waste sites 202
Environmental Protection Agency:
Budget authority and outlays 311
Employment 324, 325
Waste treatment facilities 268
Environmental science 576, 579
Equatorial Guinea, population and area 839
Estate and gift taxes 264, 305, 315
Indexes, by type of tax 313
Ethane 707
Ethiopia. *See* Foreign countries.
Europe. *See* Foreign countries.
European Free Trade Association, U.S. trade 817
Evaporated milk 121, 670
Exchanges:
Foreign exchange rates 862
Securities 506–508
Excise taxes 279, 303, 305, 307, 315
Executions, prisoner 186
Executive service (Federal):
Budget outlays and authority 311
Employment 322, 324, 325
Salaries, U.S. officials 326
Expectation of life 69, 70
Foreign countries 843
Expenditures. *See individual subjects.*
Expenditures of State and local government. *See individual governmental units.*
Expenditures of U.S. Government 261, 303, 304, 309
Aid to the arts and humanities 233
Aid to foreign countries 338, 796, 807–812, 829
Aid to State and local government 267, 268, 271–273
Highway construction 594
Airport program 267
Area redevelopment 267
Atomic energy defense activities 331
Budget authority 311
Construction projects 266
Defense 303, 305, 331, 619, 866
Contracts and payrolls 334, 335
Foreign military assistance 338
International comparison 866
Stockpile materials 701
Departments and agencies 311, 334
Education. *See* Federal aid to education.
Federal food programs 122–124, 356, 357
Forests 674, 676
Function 266, 305
Head start program 382
Health services and supplies 99
Hospitals 106
Land and buildings 193, 327
Loans, direct and guaranteed 313
Military services 305, 331, 334, 335
National defense 330, 332
Cost of American wars 338
Research and development 332
Veterans programs 331
National income and product accounts 306
Payments for public assistance 357, 378
Payrolls 292, 322–324
Police protection and correction, States 176
Pollution control 204

Page

Expenditures of U.S. Government—Continued
Public debt ... 304, 311, 312
Interest earned ... 264, 305
Public roads ... 267, 275, 594
Purchases of goods and services ... 306, 432
Research and development ... 572, 574–579
By field of science ... 576
Rivers, harbors, and flood control ... 621
Schools, public and private ... 129
Social welfare programs ... 353–356, 360
Social insurance benefits ... 359
Space programs ... 582, 583, 619
Stockpiling ... 701
Transportation ... 606
Trust funds ... 305, 306
Veterans benefits (*see also* Veterans affairs) ... 349
Vocational rehabilitation ... 267, 378
Export-Import Bank ... 324, 325, 807
Exports. *See* Foreign trade.
Eyeglasses and contact lenses ... 97, 98, 117

F

Fabrics. *See* Textile industry *and* Textiles.
Factories. *See* Manufacturing industry.
Failures:
Bank ... 493
Business concerns ... 519
Industrial and commercial ... 519, 520
Falls, deaths from ... 78
Families. *See* Households or families.
Fans, shipments, value ... 777
Farm Credit Administration ... 324, 325
Farm implements and machinery. *See* Agricultural implements, etc.
Farm mortgage loans:
Debt ... 642, 648
Held by commercial banks ... 494, 500
Held by mutual savings banks ... 500
Interest payable ... 643
Mortgage debt outstanding ... 501
Principal lenders ... 441, 500, 505, 740
Veterans guaranteed and insured ... 350
Farm products. *See* Farms, agricultural products.
Farm real estate ... 640
Farm supplies, wholesale trade ... 790
Farmer cooperatives ... 535, 650
Farmers and farm managers ... 402
Farmers and farmworkers ... 400, 403, 631
Bankruptcies filed ... 520, 642
Educational attainment ... 401
Indexes of inputs ... 653
Median earnings ... 419
Migratory workers ... 90, 654
Minimum wage rates ... 422
Off-farm work, days ... 634, 636
Race and/or sex ... 403
Tenure of operator ... 634
Unemployment ... 408
Rate, by educational attainment and sex ... 407
Wages or income ... 643, 654
Personal income component ... 438
Receipts from marketing ... 645
Farms ... 631, 632, 634–638, 647
Acreage ... 632–634, 636, 637, 639, 833
Average per farm ... 633
Cropland ... 192, 634
Crops harvested (*see individual crops*) ... 639, 659–662, 664–666
Principal crops ... 655
Required for specified purposes ... 658
States ... 635
Utilization ... 192
Agricultural products:
Exports, acreage used for producing ... 658
Foreign countries, production ... 833, 857, 858
Foreign trade ... 656–658
Income from ... 643–645
Marketed through farmer cooperatives ... 650
Output and marketing indexes ... 655
Prices (*see also* Prices received by farmers):
Producer ... 464, 470, 472
Production, U.S. and world ... 658
Puerto Rico ... 833
Railroad car loadings of ... 609, 610
Wholesale trade ... 790
World production ... 837
Assets and liabilities ... 488, 641

Page

Farms—Continued
Balance sheet of the farming sector ... 641
Capital, fixed ... 525, 730
Consumer expenditures, farm foods ... 652
Corporate ... 636
Credit ... 500
Crops (*see also* individual crops):
Acreage harvested ... 639, 658, 660–662, 664–666
Acreage, summary ... 655, 659
Consumption ... 664
Foreign trade ... 661, 664
Fruits and nuts ... 655, 666, 833
Income from ... 638, 644, 645
Output and marketing indexes ... 655
Prices ... 647, 661, 662, 664–666
Producer price indexes ... 470
Production ... 658–662, 664–666
Costs and returns ... 660
World and foreign ... 837, 857, 858
Stocks, year end ... 661, 664
Sugar consumption ... 665
Value ... 639, 659–662, 664–666
Vegetables ... 655, 666
Foreign trade ... 820
Debt ... 641, 642, 646
Mortgage outstanding ... 501
Economic class ... 637
Expenditures ... 642, 647
Farm marketings ... 641, 644, 645
Government payments to farmers ... 641, 643, 645
Gross farm product ... 641
Horsepower, work animals on farms ... 553
Households or families, characteristics, by race ... 632
Income ... 436, 642, 643, 646, 647
Farm operators ... 632, 643
Income and production expenses ... 628, 643, 647
Input indexes ... 653
Inventories, change in ... 641
Irrigated farmland ... 639
Labor inputs ... 653, 655
Livestock on farms, by States ... 669
Living cost ... 643
Motor equipment on farms ... 653
National income, components ... 437
National income, origin in ... 437, 641
Number of farms ... 628, 632–638, 647
Reporting sales of milk ... 670
Operator characteristics ... 634
Population ... 628, 631, 632
Characteristics ... 631
Migration ... 631
States ... 632
Poultry, number on farms ... 671
Price supports, CCC transactions ... 648
Prices received by farmers:
Crops ... 659, 661, 662, 664–666
Livestock and products ... 669, 671
Real estate, input indexes ... 653
Real estate, value ... 640
Rental value of homes ... 641
Size ... 628, 634
States ... 635, 637
Taxes ... 641, 643
Tenure of operator ... 634, 833
Type ... 636
Type of ownership ... 636
Value:
Farm output ... 641
Farm products sold ... 635–638, 652
Farm property:
Land and buildings ... 635, 636
Livestock ... 636, 641, 668
New construction ... 723, 724
Wages paid, hired labor ... 643
Fatalities. *See* Accidents and fatalities.
Fats. *See* Lard, Margarine, *and* Oils.
Federal aid to education ... 142, 233, 264, 266–268, 275, 354
Budget outlays ... 303, 309
Higher education institutions ... 130, 264, 305, 356
Scientific purposes ... 578
Public elementary and secondary education ... 130, 356
Research ... 572, 574, 575, 577
Science and engineering ... 577
Veterans programs ... 349
Vocational training programs ... 161
Federal aid to State and local government ... 267, 268
Pollution abatement and control ... 204
Federal banks. *See* Banks.
Federal budget:
National income and product accounts ... 306

Page

Federal budget—Continued
Outlays 308, 330, 331
National defense and veterans programs 331
Receipts, outlays, and debt 303–305, 307, 309, 311
Trust funds 305, 306
Federal courts 178, 179, 182
Federal Deposit Insurance Corporation 324, 325
Federal employees, civilian. *See* Government.
Federal food programs 122, 123, 358, 373
Federal funds, summary distribution by State 314
Federal Government. *See* Government.
Federal Government finances. *See* Receipts *and* Expenditures of U.S. Government.
Federal National Mortgage Association 499
Federal real property 193, 327
Feed:
Farm expenditures for 643
Farm output indexes 655
Foreign trade 656, 820
Feldspar 692, 696, 697, 701
Ferroalloys 695, 718
Foreign trade 718, 823
Production 718, 837
Fertility rate 9, 57, 58, 62
Fertilizers:
Consumption 654
Farm expenditures for 643
Foreign trade 821, 822
Manufacture, summary 752, 753
Nutrient content 654
Value of shipments 768
Fetal deaths 73
Figs, canned 667
Fiji islands, population and area 839
Filipinos, number in U.S 93
Filling stations. *See* Gasoline service stations and garages.
Finance. *See individual subjects.*
Finance companies, consumer installment credit held 501, 502
Finance, insurance, and real estate:
Assets or liabilities 499, 524
Corporations, partnerships, and proprietorships 517
Employees 400, 402, 404, 405, 410, 414, 518
Earnings, average 410, 417
Injuries 425, 426
States 411
Women 402
Establishments 492, 496, 518
Farms and real estate 640
Flow of funds 488, 489
Foreign investments in U.S 796, 804
Gross product, current and constant dollars 433
Multinational companies 534
Income and profits 517, 532
National income, origin in 437
Payroll 518
Receipts 524
Unemployment 407, 408
Value of farms 640
Wage and salary disbursements 436
Financial instruments, volume of trading, U.S. exchange 508
Fine arts, degrees conferred 158
Finland. *See* Foreign countries.
Fire department. *See* Public safety.
Fire insurance 511
Firearms 79, 170–172
Accident deaths 78
Firefighters 403
Fires and fire losses 187, 676
Accidental deaths 78, 79, 187
Firms. *See* Business enterprise *and individual types of business and industry.*
Fish *(see also individual species):*
Canning and preserving 685, 690
Catch, quantity and value 682, 684, 686–689, 837
Foreign countries (catch only) 685, 687
Consumption 121, 686, 848
Foreign trade 683, 685, 691, 820, 823
Prices 686, 687
Production and value 690
Retail trade 786
Supply 683, 685, 687
Fish meal and oils 690, 691
Fishery industry 684
Catch 684, 686
Products 682–686, 690, 691
Fishing and hunting 222, 223, 228–230, 403
Flax, consumption by mills 766
Flight schools 160
Floods 79, 205

Page

Floor coverings:
Imports 823
Manufacture 752, 753
Employees 413, 753, 754
Producer price indexes 471, 721
Floor polishers, electric, sales and retail value 777
Florida. *See* State data.
Florists 786
Flounder 682, 686–690
Flour, consumption (*see also* Grain-mill products) 121
Flow of funds 487–490
Corporate business 531
Fluorspar 696, 697, 701
Fodder. *See* Feed *and* Hay.
Food contractors, sales and purchases 784
Food for Peace 857
Food products manufacturing industry 753, 754
Canned foods 667
Capacity utilization rates 747
Capital appropriations and expenditures 759
Capital invested per worker 526
Corporation sales, profits, and dividends 531
Employees 413, 753, 754, 760
Expenditures:
Plant and equipment, new 527
Multinational companies 534
Research and development 577
Frozen foods 667, 685, 690
Imports and exports 762
Injury rates 426
National income, origin in 437
Production indexes 747
Stockholders' equity, profit rates on 533
Summary 651
Food programs (Federal) 122, 123, 356, 357
Food surplus, donated to needy families 122
Food waste disposers 777
Foods and foodstuffs *(see also individual commodities):*
Advertising expenditures 549, 550
Car loadings 610
Consumer expenditures 652
Consumption 121, 848
Costs 651
Weekly food 480
Foreign trade 815, 820–822
Quantity and value indexes 813
Waterborne commerce 622
Manufacture, summary 750, 751
Energy used 763
Prices:
Consumer price indexes 475, 476, 478
Increase, U.S. and foreign countries 851
Producer 464, 467, 469, 470, 472, 482
Retail 479, 480
Spot market 469
Production indexes 655, 747
Retail trade:
Employees 786, 787
Inventories 783
Sales 778, 782, 783, 785–787
Supply and utilization 651
Volume of trading, U.S exchange 508
Football 226
Footwear:
Consumer price indexes 476
Imports 823
Manufacture 752, 753
Employees 413, 752, 753
Output per hour 415
Production 768
Producer price indexes 470, 471
Retail trade 782, 783
Foreign aid by U.S. Government 796, 811
Countries 808–810
Economic assistance 811, 812
Military aid 338, 811
Programs 657, 807, 808
Foreign aid, public and private, to developing countries 865
Foreign and agricultural aid, exports financed 812
Foreign citizens, science doctorates 581
Foreign companies, U.S. affiliates 804
Foreign countries:
Agricultural aid 857
Aid by U.S. Government 338, 808–812
Aid to developing countries 865
Aliens 92
Area and density of population 839–841
Armed Forces personnel 867
Arms exports and imports 336, 338
Birth rates 843

Page

Foreign countries—Continued
Border crossings via Canada and Mexico ... 89
Central American Common Market ... 816
Civil aviation, kilometers flown ... 859, 860
Communications industry ... 849
Consumer price index ... 367, 477, 851, 854
Death rates ... 843
Debt ... 864
Earnings replacement rates of retirement benefits ... 367
Employment and labor force ... 852
Energy production and consumption ... 560, 704, 855, 856
Exchange rates ... 862
Export and import unit value indexes ... 814
Fertility rates ... 843
Financial resources ... 865
Fish catches ... 685, 687
Gross domestic product ... 434, 847, 850
Gross national product ... 846
Growth rates, economic ... 432, 435
Health and medical services ... 844
Housing and housing units ... 844
Immigration to U.S. ... 86, 87
Investments in U.S. ... 708, 796, 803, 804, 806
  Multinational companies ... 534
Labor force participation rates ... 852
Latin American Free Trade Association ... 816
Life expectancy ... 843
Loans, by U.S. ... 497
Manufacturing establishments and employees:
  Productivity, compensation, and labor costs, indexes ... 853
Migratory workers admitted to United States ... 90
Military expenditures ... 330, 336
Military personnel, U.S. on active duty ... 342
Military sales ... 337
Military ships, by type ... 868
Motor vehicle registrations ... 595
National defense expenditures ... 866
Nobel prize laureates ... 578
Nuclear power generation ... 568
Owning U.S. agricultural land ... 639
Owning U.S. firms ... 535
Passengers, arrivals and departures ... 235
Passports issued ... 234
Pension index ... 367
Population ... 839–842
Production:
  Corn ... 858
  Crops ... 857
  Indexes ... 854
  Meat ... 858
  Minerals ... 855, 856
  Steel ... 854
  Sugar ... 665, 858
Railroad traffic ... 859, 860
Refugees admitted to U.S. ... 86, 88
Reserve assets ... 861
Schools and education, expenditures ... 845
Shipping ... 627, 859, 860
Social Security programs, payroll tax rates ... 367
Sources of minerals ... 703
Space vehicles ... 583
Steel production and consumption ... 854
Suicides ... 845
Tax receipts by type of tax ... 850
Territory ceded to United States ... 188, 192
Trade ... 854
Trade with United States ... 815–819, 860
Transportation ... 859, 860
Travelers to and from U.S., expenditures ... 234, 235
U.S. balance on account transactions ... 802
U.S. citizens, naturalized ... 93
U.S. investments, mineral industries ... 708
Vessels lost ... 627
Vital statistics ... 843
Wage index ... 367
Foreign currency holdings ... 803
Foreign exchange holdings ... 861
Foreign exchange rates ... 862
Foreign grants and credits, U.S. Government ... 807–810
Foreign investments in United States ... 796, 804, 805
Foreign languages:
  Degrees conferred ... 158
  Spoken in households ... 36
  Students enrolled ... 151
Foreign students ... 151
Foreign trade *(see also* Foreign aid, Foreign countries, *and individual commodities)* ... 813
  Agricultural aid (Public Law 480) ... 812
  Agricultural products ... 656, 815

Page

Foreign trade—Continued
Agricultural products—Continued
  Acreage used for producing exports ... 658
  Crops ... 661, 662, 664
  Government-financed programs, exports ... 657
  Meats and lard ... 668
  Value ... 656
  Wool ... 767
  World and U.S. exports ... 658
Aircraft and aircraft parts, exports ... 815
Automobiles, imports ... 815
Balance of trade ... 813
Coastal districts ... 623
Commodity groups ... 815, 820–823
Continents ... 815–819
Countries ... 816–819, 854, 860
Customs regions ... 814
Exports:
  Aerospace products, space vehicle systems ... 620
  Arms, by supplier and recipient countries ... 336, 338
  Commodities ... 762
  Countries ... 711, 858, 860
  Fiber (man made) ... 767
  Financed under Foreign Assistance Act ... 812
  Minerals ... 702
  Price indexes ... 474
Fish products ... 682, 683, 685, 691
Imports:
  Books ... 225
  Commodities ... 762, 823
  Countries ... 711, 858, 860
  Crude oil ... 702
  Fiber (man made) ... 767
  Fishery products ... 691
  Free and dutiable ... 822
  Minerals ... 702
  Price indexes ... 474
  Tungsten ... 715
  Uranium ... 715
Indexes of industrial production ... 854
Indexes of quantity and value ... 813, 814
International transactions, U.S. ... 800–802
  Exports, U.S. compared to world ... 759
  Iron and steel ... 770, 771
Merchandise ... 813
  Countries ... 816–819
  Puerto Rico ... 833
Mineral fuels ... 561
Mississippi River, freight on ... 622
Nationality of carrier ... 623, 624
Plywood ... 681
Ports ... 621, 624
Prices ... 473
Shipping ... 624
  U.S. merchant marine ... 626
Textile products ... 767
Timber products ... 677
Trade areas ... 815
U.S. affiliates of foreign companies ... 804
U.S. balance on account transactions ... 799, 802
Waterborne commerce ... 621–623
Woodpulp ... 681
World summary, external trade ... 837
Foreign travel ... 220, 234, 235
Forest fires ... 676
Forest products *(see also individual products):*
  Car loadings ... 609, 610
  Consumption ... 681
  Foreign trade ... 677, 681
  Manufacture ... 681, 750, 751
    Employees ... 750, 751
    Prices ... 678
    Production ... 672, 677, 679–681
    Supply ... 677
  National forests ... 674
Forestry ... 158
Forests:
  Commercial ... 674, 675
  Land, acreage and ownership ... 192, 327, 674, 675
  National ... 673, 674, 676
    Payments and receipts ... 674
    Recreational use ... 222
Foundations, philanthropic ... 385
Foundries, manufacture ... 752, 753
  Employees ... 412, 752, 753
  Output per hour ... 415
  Shipments accounted for by largest companies ... 764
Fowls. *See* Poultry.
France. *See* Foreign countries.
Franchised establishments ... 788, 789

Page

Fraud ... 173
Free merchandise imports ... 823
Freezers, home ... 737, 777, 848
Freight traffic. *See* Air transportation, Canals, Railroads, Rivers, *and* Waterways.
French West Indies, U.S. trade ... 817
Frozen foods ... 667
  Consumption ... 121
  Fish ... 685, 686, 690
  Production ... 667
Fruit cocktail, canned ... 667
Fruits ... 666
  Canned and frozen ... 667
  Consumption ... 121, 848
  Foreign trade (fruits and preparations) ... 656
  Frozen food production ... 667
Fruits and nuts:
  Foreign trade ... 820, 822
  Income and receipts from ... 644
  Output and marketing indexes ... 655
Fruits and vegetables:
  Producer price indexes ... 470
  Production, canned and frozen ... 667
  Retail prices ... 476
  Retail trade ... 786
Frypans, electric ... 777
Fuel *(see also individual types):*
  Advertising expenditures ... 550
  Consumption:
    Airplanes, civil ... 590, 615, 617
    Manufacturing industries ... 710, 763
    Motor vehicles ... 590, 601
    Railroads ... 590
    Utilities ... 570, 710
  Electricity generated by ... 564, 565
  Energy produced and consumed ... 552–554
  Foreign trade ... 702
  Industry, summary ... 695
  Prices:
    Average ... 556
    Retail ... 483, 602
    Producer ... 469, 472
  Production ... 554, 694, 696, 697, 699, 701
  Retail trade ... 785, 786
  Used in heating and/or cooking ... 736, 737
Fuel and lighting, price indexes:
  Consumer ... 432
  Producer ... 470
  Retail ... 482
Fuel oils:
  Consumption:
    Airplanes, civil ... 590, 617
    Motor vehicles ... 590, 601
    Railroads ... 590
    Residential ... 558
  Energy produced and consumed ... 553
  Foreign trade ... 702, 705, 822
  Fossil fuel prices ... 559
  Inventories, value, and quantity ... 706
  Price indexes:
    Producer ... 470
    Retail ... 482
  Production ... 554, 705
    By region ... 704
  Residential use ... 558, 559, 737
    Mobile homes ... 558
Fund-raising campaigns ... 384, 385
Funds, flow of ... 487–490
Furnishings, house. *See* Housefurnishings.
Furniture:
  Advertising expenditures ... 549
  Earnings ... 677
  Manufacture ... 750, 751
    Employees ... 405, 412, 750, 751, 760
      Capital invested per ... 526
    Expenditures, plant and equipment, new ... 751
    Injury rates ... 426
    National income, origin in ... 437
    Output per hour ... 415
    Production indexes ... 747
  Retail trade ... 778, 785, 786
    Employees ... 414, 786
    Inventories ... 783
    Sales ... 782, 783, 786
  Wholesale trade ... 790
    Producer price indexes ... 471
Furs and fur goods:
  Foreign trade ... 822
  Manufacture, summary ... 750, 751
Futures price indexes, selected commodities ... 479

Page

G

Gabon. *See* Foreign countries.
Gadsden Purchase ... 188, 192, 193
Gambling and gamblers, arrests ... 173
Games, toys, etc.:
  Advertising expenditures ... 550
  Foreign trade ... 762, 823
  Manufacture ... 754, 755
  Producer price indexes ... 471
Garages. *See* Gasoline service stations and garages.
Gardens, home, characteristics ... 229
Garnet (abrasive), production and value ... 696, 697
Gas *(see also* Petroleum and gas wells):
  Customers, sales, and revenue ... 569, 570, 611
    Average prices, selected areas ... 482
  Gas mains, mileage ... 569
  Liquefied petroleum gases ... 707
  Manufactured, customers, sales, and revenue ... 570
  Natural ... 554, 556, 696, 697, 705, 707, 709, 710
    Consumption ... 554–556, 559, 560, 709
    Customers, sales, and revenue ... 570, 709
    Drilling expenditures ... 692, 706, 707
    Energy produced and consumed ... 553
    Exports and imports ... 561, 822
    Industry, summary ... 695
    Inventories, value, and quantity ... 706
    Lease revenues ... 706, 707
    Marketed production ... 709
    Pipeline companies, mileage ... 611
    Prices ... 479, 559, 700
    Production ... 554, 704, 706, 709, 710
      By region and type ... 560
      Foreign countries ... 855
    Reserves ... 708, 709
    Residential use ... 559, 737
    Sales volume ... 707
  Price indexes:
    Producer ... 470
    Retail ... 482
  Production and value ... 696, 697, 709
  Production indexes ... 694
Gas and electric utilities:
  Employees ... 405, 414
  National income, origin in ... 437
  Output per hour ... 415
  Price indexes ... 482
Gas utility industry:
  Balance sheet and income account ... 569
  Construction ... 722
  Customers, sales, and revenue ... 569, 570, 709
  Gas mains, mileage ... 569
  Local government enterprise ... 286
    Expenditures ... 266, 269
  Prices, by class of service and States ... 571
  Value of new construction ... 723, 724
Gasoline ... 705
  Advertising expenditures ... 550
  Consumption:
    Civil aviation ... 617
    Motor vehicles ... 601
  Personal consumption expenditures ... 603
  Prices (retail) ... 602, 705
  Production ... 705
  Supply ... 602
  Taxes ... 315, 594, 595, 603
    Governmental revenue ... 263
Gasoline service stations and garages:
  Auto operators cost for use of garages, etc ... 603
  Construction, private ... 726
  Employees ... 786
  Franchises ... 788
  Retail trade ... 778, 782, 783, 786
  States ... 794
Gem stones ... 696, 697, 702
General merchandise, retail trade:
  Employees ... 414, 787
  Inventories ... 783
  Sales ... 782, 783, 787
General Services Administration, employment ... 324, 325
Geographic data ... 196–198
Geography and cartography ... 158, 580
Geology, degrees conferred ... 158
Georgia. *See* State data.
Germany. *See* Foreign countries.
Ghana. *See* Foreign countries.
Gibraltar. *See* Foreign countries.
Gift taxes ... 315
Girl Scouts, membership and units ... 231

Page

Glass (*see also* Stone, clay, and glass products):
- Foreign trade 823
- Manufacture 752, 753
  - Corporations, financial data 531
  - Employees 405, 412, 752, 753
  - Output per hour 415
- Producer price indexes 471, 721

Gloves, leather 752, 753
Gold, summary 713
- Circulation and monetary stock 803
- Imports as percent of consumption 703
- Mining industry, summary 695
- Prices 479
- Production and value 696, 697, 713
- Reserve against U.S. notes 490

Golf 227, 228
Government (*see also* Expenditures of U.S. Government *and* Receipts, U.S. Government, *and individual government units*):
- Debt 309
- Employees 258, 326, 405, 411, 414
  - All classes 410
  - Blue-collar workers 326
  - City government 298, 299
  - Federal, civilian 292, 309, 322–326
    - Abroad 7, 8
    - Accessions and separations 322
    - Agency 323–325
    - Blue-collar workers 322, 326
    - Compensation authority 323
    - Defense-related work 334
    - Metropolitan areas 322
    - Minority groups, by pay category 326
    - Occupation groups 325
    - Pay increases 323
    - Payrolls 258, 292, 322
    - Salaries, annual average 323, 326, 414
    - Sex 322
    - Sick leave 370
    - States 323
    - Type of position 322
    - Wages and salaries 322, 324
    - White-collar workers 322
  - Local government 292, 293, 295–297
  - Salaries, annual average 418
  - Scientific and technical 578, 580
  - State government 280, 292, 293, 295–297
- Expenditures (all governments) 262, 264, 266, 309
  - Federal 262, 263, 266, 305, 378
    - Aid to State and local government 204, 378
    - Public assistance programs 357
  - State and local government 262, 263, 269, 275, 286, 289
- Federal civilian salaries, annual average 326
- Federal participation in domestic credit markets 312
- Federal real property 193, 327
- Flow of funds 487–490
- Gross product, originating in 433
- Hospitals 106
- Insurance. *See* Social insurance.
- Land. *See* Public lands.
- National income, origin in 437
- Number of units by type of government 261
- Organization chart of U.S. Government 300
- Purchases of goods and services 432–434
- Receipts 309
  - Highways 593
  - Revenue (*see also* Taxation) 263, 270
- Revenue and expenditure, State government 262, 276
- Revenue losses due to Federal tax laws 310
- Securities 504–506
- Strategic and critical materials, summary 701
- Structures 327
- Unemployment 407
- Value of shipments 321
- Wages and salaries:
  - National income component 436

Governors, number and vote cast 248
Grain *(see also individual classes):*
- Car loadings 609
- Consumption 121
- Farm income 644
- Foreign trade 656, 820
  - Exports by trade areas 815
- Output indexes 655
- Prices, producer indexes 470
- Volume of trading, U.S. exchange 508

Grain-mill products, manufacture 750, 751
- Employees 413, 415, 750, 751

Grants reported by subject 385
Grapefruit, production and value 666, 667

Page

Grapes, production and value 666
Grazing:
- Land, Federal acreage 192, 327
- National forests, livestock, and receipts 674
- Public lands, leases 328

Great Britain. *See* Foreign countries.
Great Lakes:
- Commerce 621–623
- Fisheries 684, 688, 689

Greece. *See* Foreign countries.
Greenland. *See* Foreign countries.
Greens, leafy, canned 667
Greeting cards, manufacture 752, 753
Griddles, automatic 777
Groceries:
- Retail trade 782, 783, 786
- Wholesale trade 790

Gross domestic product, by country 434, 847, 850
Gross domestic product, corporate businesses 521
Gross national product 309, 428, 431–435
- As percent of national defense outlays 331
- Auto products as percent of 598
- Current and constant dollars 432
- Economic growth rates 432, 434, 435
- Energy consumption 554
- Foreign countries 435, 846, 847
- Implicit price deflators for 432, 468
- National health expenditures as percent of GNP 94, 96
- Relation to national and personal income 428, 433

Gross private domestic investment in relation to GNP 431, 432, 434, 526
- Current and constant dollars 526

Ground water used 198, 199
Groundfish, imports 691
Growth rates:
- Population 9

Guadeloupe, population and area 841
Guam. *See* Outlying areas of U.S.
Guards 403
Guatemala. *See* Foreign countries.
Gubernatorial elections 248
Guinea. *See* Foreign countries.
Guns. *See* Firearms.
Guyana. *See* Foreign countries.
Gypsum and gypsum products 703
- Producer price indexes 471, 721
- Production and value 696, 697, 701

H

Haddock:
- Catch 682, 686, 688
- Fresh and frozen packaged 690
- Imports, pickled or salted 691
- Prices received by fishermen 686

Hair dryers, sales and retail value 777
Hake, imports 691
Halibut 686, 687, 689, 691
Hallucinogenic drugs 118
Hams, bacon, etc., imports 821
Handbags, manufacture, summary 752, 753
Handicapped:
- Institutions for 49
- School enrollment, educational programs 144

Hardware:
- Manufacture, summary 754, 755
- Retail trade 782, 786
- Wholesale trade 790
  - Producer price indexes 471, 721

Hats, manufacture 750, 751
Hawaii. *See* State data.
Hay:
- Acreage, production, and value 659
- Hours per unit of production 654
- Output indexes 655
- Prices, farm 659
  - Indexes (hay and hayseeds) 470

Hazardous waste sites 202
Head Start program 382
Health and beauty aids, retail sales 785, 789
Health and Human Services, Department of:
- Budget authority and outlays 311
- Employment 324, 325
- Expenditures, research and development 576

Health and medical associations 53
Health and welfare 303, 305, 309
Health care:
- Consumer cooperatives 535
- Consumer expenditures 97, 98

Page

Health care—Continued
Consumer price indexes ... 476
Drug abuse treatment facilities ... 118
Employees ... 105, 400, 402, 403, 405, 421, 781
Federal Government ... 325
Employment and payrolls ... 292
Expenditures for ... 96, 97, 307
Facilities ... 110, 111
Federal outlays for ... 99
Foreign countries ... 844
Hospitals and institutions ... 105–109, 111, 112
Employment and payrolls ... 292
Occupancy rates ... 107, 108
States ... 107
National expenditures ... 98
National income, origin in ... 437, 780
Nursing care homes ... 98, 110, 111
States ... 111
Personal expenditures ... 98
Philanthropy ... 97, 98
Price indexes ... 94, 100
Public expenditures ... 97, 98, 262, 266, 353, 354
Federal Government ... 263, 266, 355, 356
Aid to State and local governments ... 267
State and local government ... 263, 266, 269, 356
City government ... 286, 289
State government ... 275, 277
Revenue losses due to Federal tax laws ... 310
Type ... 98, 100
Veterans health care ... 350
Health insurance ... 101
Coverage ... 100, 101
Enrollment and payments ... 371, 373
Expenditures for ... 96–98
Aged ... 356
Hospital charges and reimbursements ... 372
Private organizations, financial data ... 99, 512
Health Maintenance Organizations ... 101
Health professions, degrees conferred ... 151, 158, 159
Health services and supplies, expenditures ... 96–99
Heart disease ... 74–77, 109, 115, 116
Heating and plumbing equipment, etc.:
Housing units ... 734–736
Expenditures for upkeep and improvement ... 739
Foreign countries (piped water) ... 844
Type of fuel ... 737
Manufacture ... 754, 755
Employees ... 412, 754, 755
Producer price indexes ... 471, 721
Summary of shipments ... 772
Wholesale trade ... 790
Heating-degree days ... 216
Heating pads, electric ... 777
Heights, average, by age and sex ... 120
Helium, production and value ... 696, 697
Hepatitis ... 74, 114
Heroin, persons using ... 118
Herring ... 686–689
Hides and leather products (*see also* Leather and leather products):
Foreign trade ... 656, 820, 821
Prices ... 472
Producer indexes ... 470
Highway trailers, car loadings ... 609
Highways:
Construction ... 594, 722
Value of new construction ... 723, 724
Debt, State and local government ... 594
Employees and payrolls ... 292, 295, 298
Expenditures:
All governments ... 266
City government ... 289
State and local government ... 262, 263, 266, 269, 273, 286
State government ... 275, 277, 593
U.S. government ... 262, 263, 588, 594
Federal aid ... 267
Highway trust fund ... 306
Federal-aid systems ... 591, 594
Mileage ... 591, 592
Motor fuel consumption ... 590, 601
Motor fuel tax ... 594
Railroad grade crossings and accidents ... 611
Receipts ... 593
Roads and trails, national forests ... 674
Type and control ... 591, 592
Types of roads travelled ... 592
Hiking and mountain climbing ... 222, 228
Hispanic elected officials, by State ... 250
Historians ... 580
Historic sites ... 221

Page

History, degrees conferred ... 158
Hockey ... 226
Hogs ... 644, 668, 669
Home appliances. *See* Appliances.
Home economics ... 158
Home health care ... 371, 374
Home loan banks. *See* Banks.
Homes. *See* Housing, etc.
Homestead entries on public land ... 328
Homicides ... 74, 75, 78, 162, 168–168, 170–173, 186
Police officers killed ... 172
Victims, by weapons used ... 171
Honduras. *See* Foreign countries.
Hong Kong. *See* Foreign countries.
Horseback riding ... 222, 228
Horsepower ... 553, 653
Hospital care, expenditures for ... 97, 98
Hospitals ... 105, 107, 108
Assets, expenses, and personnel ... 106
Average daily room charge ... 108
Beds ... 106, 107
Charges and personal expenditures for ... 98
Construction, value ... 723–726
Cost per patient to hospital ... 108
Discharges from ... 109
Employees ... 105–107, 295, 402, 403, 405
Payrolls ... 295
Facilities ... 105–107
Foreign countries ... 844
Governmental revenue ... 263
Insurance:
Benefits ... 99, 363, 371, 373
Coverage ... 100
Medicare program ... 371–373
Persons covered ... 101
Mental hospitals ... 105, 112
National expenditures ... 97, 98
Occupancy rates ... 106, 107
Patients admitted ... 107
Prices, indexes ... 94, 100
Private expenditures, construction ... 97
Public expenditures ... 97, 99, 262, 266
State and local government ... 108, 269, 275, 286
States ... 107
Type of control and service ... 105, 106
Use, admissions, and patient days ... 108, 109
Veterans, expenditures, and patients ... 112, 305, 349, 350
Hotels:
Advertising expenditures ... 549
Employees ... 414, 781
Injury rates ... 426
Franchises ... 788
Indexes of operations ... 792
National income, origin in ... 437, 780
Hotels, motels, tourist courts, camps ... 792
Hours and earnings (*see also* Salaries and wages *and individual industries and occupations*):
Aircraft personnel ... 588, 619
Farmworkers ... 654
Indexes of payment ... 416
U.S. and foreign countries ... 853
Industrial groups ... 412–414, 417
Average hourly earnings ... 410, 412–414
Average weekly hours ... 410
Nonagricultural industries ... 412–414
Production workers, manufacturing ... 412–414, 417, 418
Railroad employees ... 588
Wage and salary workers, earnings ... 412–414, 419
Year-to-year changes, earnings and compensation ... 386, 417
House of Representatives ... 242–246
Housefurnishings (*see also* Appliances):
Manufacture, summary ... 750, 751
Retail trade ... 782, 783, 786
Advertising expenditures ... 550
Wholesale trade ... 790
Household operation, costs ... 480
Household workers. *See* Domestic service workers.
Households or families (*see also* Housing and housing units) ... 40, 41, 43–47
Automobiles, ownership ... 604
Average number of square feet per household ... 738
Characteristics ... 42
Children under 18 years old ... 45–47
Cost-of-living, families ... 480
Crimes against ... 169
Families in poverty ... 456, 459, 634
Farm ... 632, 636
Flow of funds ... 487, 488
Householder ... 39, 41, 44, 45, 47, 444, 449
Income ... 358, 373, 442, 444–450, 451, 459

Page

Households or families (*see also* Housing and housing—Continued
Income—Continued
Age 65 years old and over ... 30, 456
Below poverty level ... 358, 373, 430, 448, 454, 456, 458
By race of householder ... 373, 442
Families, by States ... 450
Husband-wife families ... 373, 420, 444, 449
Male and/or female householder ... 420, 443, 444, 449
Median family income, by race ... 442, 449
Poverty ... 358, 373, 430, 455, 457, 459
White and Black population compared ... 448
Married couples with or without own household ... 40, 444
Minority races ... 41, 42
Number of persons in family ... 45
One-person households ... 48, 444
Outlying areas of U.S ... 827
Poor persons ... 430
Poverty ... 373, 430
Public assistance to families ... 123, 357, 358, 373, 382
Shared by unrelated individuals ... 48
Size ... 40, 41, 44, 45
States ... 43
Taxes paid ... 445
By income level ... 291
Housing and housing units (*see also* Households or families) ... 733–735, 739
Building fires ... 187
Characteristics, by square footage of floor space ... 738, 742
Construction:
Apartments completed and rented ... 738
Cost ... 722
Mortgage loans for ... 498, 727
New units ... 726, 727
Value ... 720, 723–726
Consumer price indexes ... 464, 475, 476, 478, 482
Foreign countries ... 851
Equipment:
Electrical appliances, selected ... 731
Telephone ... 731
Expenditures for maintenance and repair ... 739
Farm ... 730, 735
Federal outlays ... 307
Financing ... 728, 740
Foreign countries ... 844
Gross housing products ... 730
Homes, privately-owned, characteristics ... 728
Leased by Local Housing Authority ... 738
Loans ... 498, 500, 742
Federal Housing Administration (FHA) ... 728, 741, 742
Veterans Administration (VA) ... 350, 728, 741
Minority races, occupants ... 734, 735
Mobile homes ... 727, 729
Mortgage loans, characteristics of ... 740, 741
Mortgaged ... 501, 741, 742
New privately owned homes, characteristics ... 728, 740
New, purchased by Local Housing Authority ... 738
Nonfarm ... 727
Tenure (owner- or renter-occupied) ... 734, 735, 741
Value ... 742
Occupied units ... 731–735
Financial characteristics ... 736
Heating equipment used ... 736, 737
Race and region ... 735
Outlying areas of U.S ... 827
Owner-occupied ... 731–736, 741
Plumbing facilities ... 731, 734, 735, 739
Expenditures for maintenance and repair ... 739
Population per unit ... 731, 733, 735
Price indexes ... 722
Prices, homes ... 729, 730, 740, 742
Public housing, low rent units ... 738
Expenditures, Federal and State ... 267, 268, 354, 356
Recent home buyers, characteristics ... 740
Renter-occupied ... 731, 734–736, 739
Repairs and additions ... 739
Residential energy consumption ... 558, 559
Rooms per unit ... 731, 735
Senior citizens ... 738
Sold or for sale ... 728, 729
Structural type ... 726, 727, 739
Tenure (owner- or renter-occupied) ... 734, 735, 741
Tenure (owner- or rental-units) vacancy rates ... 731
Units in structure, number ... 731, 735
Vacancies ... 731, 739
Value (owner-occupied) ... 730, 732, 736
Year built ... 731, 732, 735, 739
Year-round units, States ... 732, 733
Housing and urban development:
Budget authority and outlays ... 311

Page

Housing and urban development—Continued
Employment ... 324, 325
Expenditures ... 262, 264, 266, 267, 269, 275, 286
City government ... 286, 289
State and local government ... 263
Low-rent housing units ... 268, 738
Human resources, Federal outlays as percent of GNP ... 304
Humidifiers ... 737
Hungary. *See* Foreign countries.
Hunting and fishing ... 222, 223, 228–230, 403
Hurricanes ... 79, 205
Hydrogen and compounds, production ... 769
Hydroelectric power ... 560
Hydropower:
Production and consumption ... 554, 556, 564
Source of energy ... 555, 560
Hypertension ... 115, 116

I

Ice cream, production ... 670
Idaho. *See* State data.
Illinois. *See* State data.
Illiteracy ... 845
Illness (*see also* Deaths by cause, Disability, Disabled persons, Diseases) ... 114–116
Days lost from work, school ... 113, 116, 136
Employee protection against income loss ... 370
Restricted activity days ... 113, 116
Immigration ... 84
Aliens ... 89–93
Naturalized ... 87, 92, 93
Countries ... 86, 93, 96
Criminal offenses ... 90, 91, 179, 185
Immigrants ... 85, 87
By class of admission ... 85
By country of birth ... 86, 87
By State of residence ... 93
Cuban, characteristics ... 89
Refugees ... 85, 86, 88, 89
Immunization of children ... 114
Implicit price deflators for GNP ... 432, 468
Imports. *See* Foreign trade.
Income (*see also* Salaries and wages):
Aggregate income ... 444
Corporate ... 321, 438, 521, 523, 524
Disposable personal income ... 438
Per capita ... 433
Per family in relation to life insurance ... 510
Distribution ... 438, 443, 446–448, 451, 452
Families and unrelated individuals ... 442, 445–450
Age 65 years old and over ... 30, 456
Aggregate income ... 370, 448
Below poverty ... 370, 430, 454, 456, 458
Black families and/or unrelated individuals ... 442, 447, 448
By race and age of householder ... 443, 448
By residence, region, and tenure ... 443
Characteristics, by income level ... 443, 449
Median income ... 442, 446, 447, 449–451, 632
By race of householder ... 442, 449
Outlying areas ... 830, 847
Per capita income ... 448
Poverty ... 370, 430, 455
Taxes paid, selected cities ... 291
Families below poverty level ... 456, 458
Farm ... 437, 438, 628, 642–647
Flow of funds ... 487, 489
Gross national product ... 433
Loss from short-term sickness ... 370
Mean (average) income, families ... 448
Median income ... 420, 449, 452
By age, and sex ... 452
Ratio, women to men ... 419
States ... 450
Minority races ... 446
National income ... 428, 433, 436, 438
Industrial origin ... 437
Originating in farming ... 641
Originating in manufacturing ... 744
Nutritional intake, by income level ... 122
Personal ... 426, 438–440, 643
Current and constant dollars ... 439
Per capita ... 370, 433, 440, 451
Saving ... 441
States ... 451
Personal consumption expenditures compared with income ... 433
Race and Spanish origin of householder ... 444, 446
Race of persons receiving ... 446, 447, 452

Page

Income—Continued
Saving ... 441
Sex of persons receiving ... 449, 452
Stock ownership, by income level ... 508
Supplemental security income ... 379
Income tax (*see also* Taxation):
Corporation ... 262, 265, 279, 315, 321, 523
Returns, by asset class ... 321, 523
Indexes, by type of tax ... 313
Individual ... 262, 265, 270, 272, 273, 279, 315–320
Average tax by income level ... 315, 317
Returns filed, by marital status and income level ... 315
States ... 272, 273, 279, 319, 320
Independent telephone companies ... 543
Index numbers. *See individual subjects.*
India. *See* Foreign countries.
Indian lands ... 195
Indiana. *See* State data.
Indonesia. *See* Foreign countries.
Industrial accidents ... 79
Industrial and commercial enterprises, failures ... 519, 520
Industrial buildings, construction ... 722–726, 742
Industrial chemicals, value of shipments ... 768
Industrial injuries ... 426, 702
Industrial pollution, expenditures for abatement ... 205
Industrial production, indexes ... 747
Foreign countries ... 854
Industrial research and development ... 572, 574, 575, 578, 579
Industrial securities ... 505, 506
Industry. *See* Corporations *and individual industries.*
Infant deaths (*see also* Deaths and death rates) ... 57, 73, 74, 76
Inflation. *See* Prices, consumer, *and* Consumer price indexes.
Influenza and pneumonia, deaths ... 74–76
Inhalants ... 118
Inheritance taxes ... 264
Injuries ... 113, 115, 611
Industrial ... 425, 426
Transportation ... 590
Installment credit, consumer ... 501, 502
Institutional care facilities ... 108
Institutional population ... 49
Criminals ... 183–186
Mentally ill and retarded ... 111, 112
States ... 49
Institutions. *See* Hospitals.
Institutions of higher education. *See* Education.
Instruments and related products:
Defense oriented shipments ... 333
Foreign trade ... 762, 821, 823
Manufacture ... 754–756
Employees ... 413, 754, 755, 760
Capital invested per employee ... 526
Expenditures, plant and equipment, new ... 755
Injury rates ... 426
National income, origin in ... 437
Production indexes ... 747
Stockholders' equity, profit rates on ... 533
Insurance as component of saving ... 441
Insurance business (*see also* Finance, insurance, and real estate *and* Social insurance):
Advertising expenditures ... 550
Automobile insurance ... 512
Casualty, marine, and fire insurance ... 511
Employees ... 402, 405, 414
Equity, wealthholders ... 461
Federal deposit insurance coverage ... 492, 493
Flow of funds ... 489
Health and medical insurance ... 100, 101, 512
Life insurance ... 509–511
In force ... 510
Uses and sources of funds ... 490
Mortgages ... 500
National income, origin in ... 437
Property and liability ... 511
U.S. securities held by insurance companies ... 490
Workmen's compensation payments ... 375
Insurance, Government. *See* Social insurance.
Insurance, medical care ... 96–99, 101, 512
Insurance, social. *See* Social insurance.
Inter-American Development Bank ... 808
Intercity traffic ... 584, 589, 607
Interest:
Federal Government ... 309
Payments:
Corporations ... 523
Federal Government ... 303, 305–307
Debt ... 311, 312
Railroad ... 608
State and local government ... 269, 275, 286

Page

Federal Government—Continued
Payments—Continued
War loans ... 338
Receipts:
Corporation income tax returns ... 303, 305, 307
Individual income tax returns ... 303, 305, 307, 316, 320
National and personal income component ... 436, 438
Internal revenue collections (*see also* Taxation) ... 303, 307, 315–320
Internal waterways, traffic ... 621, 622
International affairs:
Balance of trade ... 813
Commerce ... 813, 815–819, 823, 839
Foreign countries ... 859, 860
Consumer price indexes ... 851
Federal expenditures ... 267, 305, 309
Foreign exchange rates ... 862
Foreign investments in U.S ... 796, 804
Gross national product ... 847
Growth rate, economic ... 432
Health and medical ... 844
Indexes of consumer prices ... 854
Indexes of industrial production ... 854
International transactions, U.S ... 799–803
Multinational companies ... 534
Receipts and payments for transportation ... 620
Revenue losses due to Federal tax laws ... 310
Schools and education, expenditures ... 845
U.S. Government aid ... 807–812
U.S. investments ... 803, 806
International Bank for Reconstruction and Development ... 808
International composite indexes, selected countries ... 528
International Development Association ... 808
International Finance Corporation ... 808
International investment position, U.S ... 803, 806
International mail (U.S. postal) ... 541
Interracial marriages ... 38
Inventories (*see also* Stocks, commodity):
Business ... 431, 432, 523
Inventory valuation adjustment ... 531
Iron and steel industry ... 770
Manufacturers' ... 529, 746, 756–758
Merchant wholesalers ... 529
Retail trade ... 529, 783, 784
Strategic and critical materials ... 701
Wholesale trade ... 789
Investment companies, uses and sources of funds ... 490
Investments (*see also* Securities):
Foreign, in U.S ... 708, 796, 800, 801, 803, 805
Life insurance companies ... 511
Manufacturing industries ... 758
Nonresidential, by structure ... 526
Private domestic, gross ... 432, 441
Revenue losses due to Federal tax laws ... 310
State and local government ... 266
U.S. Government obligations ... 490, 494, 497, 522
U.S. international ... 800, 801, 803, 806, 808
Iowa. *See* State data.
Iran. *See* Foreign countries.
Iraq. *See* Foreign countries.
Ireland (Eire). *See* Foreign countries.
Iron:
Ore ... 703, 713
Foreign trade ... 702, 713, 821
Mining industry ... 695, 703
Output per hour ... 415
Prices ... 479, 700
Imports ... 473
Production ... 696, 697, 701, 713
U.S. as percent of world ... 692
World ... 713, 837
Pig, production ... 837
U.S. as percent of world ... 692
Iron and steel products (*see also* Metals and metal products):
Consumption ... 854
Foreign countries, steel ... 854
Foreign trade ... 770, 771, 821, 823
Areas ... 815
Manufacture ... 752, 753
Capital appropriations and expenditures ... 759
Employees ... 405, 412, 752, 753
Energy used ... 763
Expenditures for plant and equipment, new ... 527, 753
Output per hour ... 415
Production ... 701, 771
Shipments ... 764, 771, 772
Summary ... 770

Page

Iron and steel products—Continued
Manufacture—Continued
Export (scrap) ... 473
Producer indexes ... 471, 721
Production, U.S. as percent of world ... 771
World production (crude steel) ... 837, 854
Irons, electric ... 777
Irrigation ... 327, 639
Israel. *See* Foreign countries.
Italy. *See* Foreign countries.
Ivory Coast. *See* Foreign countries.

J

Jails ... 182–184
Jamaica. *See* Foreign countries.
Japan. *See* Foreign countries.
Jewelry:
Advertising expenditures ... 550
Manufacture, employees ... 754, 755
Retail trade ... 785, 786
Job Corps ... 161, 357
Job openings, nonfarm ... 409
Jogging ... 228
Jordan. *See* Foreign countries.
Journalism and English students ... 151
Judgeships ... 180
Judicial service (Federal):
Budget outlays and authority ... 311
Courts, U.S ... 178, 179
Employees and payrolls ... 322, 324, 325
Expenditures ... 305
Juices ... 121, 667
Junior colleges (*see also* Education) ... 152
Jute and jute manufactures, foreign trade ... 473
Juvenile correction facilities ... 182
Juvenile court, cases handled ... 180, 182
Juvenile delinquency ... 173, 182, 185

K

Kampuchea. *See* Foreign countries.
Kansas. *See* State data.
Kentucky. *See* State data.
Kenya. *See* Foreign countries.
Kerosene, production ... 705
Knit-goods, manufacture ... 412, 750, 751
Korea. *See* Foreign countries.
Kuwait. *See* Foreign countries.

L

Labor force. *See* Employment and labor force.
Labor strikes and lockouts ... 424
Labor unions ... 53, 423, 424
Collective bargaining settlements ... 423
Laborers (*see also* Farmers and farmworkers):
Aliens ... 90
Median earnings ... 419
Nonfarm ... 404, 407
Unemployment rate by educational attainment and sex ... 407
Race and sex ... 403
Lamb and mutton (*see also* Meat and meat products) ... 121
Lambs. *See* Sheep and lambs.
Land (*see also* Farms *and* Public lands):
Area:
Cities ... 23–25
National parks ... 222
Outlying areas of United States ... 191, 827
United States ... 6, 10, 327
Farmland ... 192, 632, 634, 635
Irrigated ... 639
Federal land ... 327
Forest, area and ownership ... 674, 675
Indian lands ... 195
Ownership ... 192, 327
Parks ... 221, 223
Urban land area, States ... 194, 195
Utilization ... 192, 194
Language (foreign), degrees conferred ... 158
Laos. *See* Foreign countries.
Larceny ... 169–171, 179, 185
Lard ... 121, 658
Latex. *See* Rubber and rubber goods.
Latin American Free Trade Association, U.S. trade ... 816
Laundry appliances ... 777

Page

Law, degrees conferred ... 158, 159
Law enforcement, Federal courts, and prisons:
Arrests ... 162, 173
Black elected law enforcement officials ... 250
Courts ... 178–180, 182
Criminal justice system ... 175
Police ... 175, 176
Prisons and prisoners ... 181, 182, 184–186
Law students ... 151
Lawnmowers, shipments and retail value ... 777
Lawyers and judges ... 177, 400, 402
Lead and zinc ores, mining industry ... 695
Lead, summary ... 712
Foreign trade ... 702, 712
Mining industry ... 695
Prices, New York and London ... 479, 700, 712
Production and supply ... 696, 697, 712
Production, U.S. as percent of world ... 692
World production ... 701, 712
Leases, permits and licenses, public lands ... 328
Leather and leather products (*see also* Hides and leather products *and* Footwear):
Foreign trade ... 762, 822
Manufacture ... 752, 753
Employees ... 405, 413, 752, 753, 760
Capital invested per employee ... 526
Expenditures for plant and equipment, new ... 753
Injury rates ... 426
National income, origin in ... 437
Production indexes ... 747
Producer price indexes ... 470
Lebanon. *See* Foreign countries.
Leeward and Windward Islands, U.S. trade ... 817
Legal services:
Employees ... 325, 781
National income, origin in ... 437, 780
Legislative service (Federal):
Budget authority and outlays ... 311
Expenditures ... 305
Officials, salaries ... 326
Legislatures, State, composition ... 249
Lemons ... 666
Lend-lease, grants and credits ... 807
Leprosy ... 114
Lesotho. *See* Foreign countries.
Lettuce ... 479, 666
Liberia. *See* Foreign countries.
Libraries ... 159, 234
College expenditures for ... 154
Employees ... 298, 325, 402
Payrolls ... 298
Public school ... 144
Library science, degrees conferred ... 158
Libya. *See* Foreign countries.
License and permit taxes ... 264, 275, 279, 286
Licensed drivers, by age groups ... 600
Licenses, permits, etc.:
Drivers licenses, by States ... 596
Fishing and hunting ... 229
Public lands ... 328
Life expectancy ... 69, 70
Foreign countries ... 838, 843
Life insurance ... 509, 510
Assets, earning rate, liabilities, etc. ... 488, 509, 510, 511
Companies, mortgage loans outstanding ... 501
Acquisition of investments ... 511
Life sciences ... 580, 581
Employment ... 579
Research, U.S. Government obligations for ... 576
Light and power. *See* Electric lights, etc.
Lighting equipment, manufacture ... 754, 755
Lime, summary ... 479, 711
Production and value ... 696, 697
Liquefied petroleum gases ... 707
Liquor law violations ... 173
Liquors and beverages (*see also* Malt liquors) ... 765
Imports ... 822
Prices ... 473
Retail trade ... 778, 782, 783, 785, 786
State liquor stores, revenue and expenditure ... 264, 269, 275, 286
Supply and utilization ... 651
Taxes ... 275, 279, 315
Governmental revenue ... 263
Wholesale trade ... 790
Lithographing, shipments ... 764
Livestock. *See* Animals, domestic, *and individual classes.*
Living cost. *See* Consumer price indexes *and* Prices.
Loans and mortgages (*see also* Debt):
Banks ... 494, 495, 497, 500, 505, 741

Page

Loans and mortgages—Continued
Construction loans ... 500, 505
Credit market, flow of funds ... 488, 489
Credit unions ... 499, 501
Farm. *See* Farm mortgage loans.
Federal government loans ... 313, 741
Federal Housing Administration ... 500, 741, 742
Yields, home mortgages ... 484
Foreign countries ... 497
Held by financial institutions ... 500, 501, 740
Home mortgage loans ... 500, 728, 740, 741
Insurance companies ... 500, 511
Interest rates ... 502, 505
Land loans ... 500
Minority-operated small businesses ... 501, 516
Mortgages, nonfarm homes ... 500, 505, 741, 742
Personal loans ... 501
Savings and loan associations ... 498
Veterans ... 350, 500, 741
Wealthholders ... 461
Lobsters ... 682, 686–688, 691
Local government. *See individual governmental units and* State and local government.
Locomotives (railroad) ... 608
Lodging industries, summary ... 793
Logging camps and contractors, earnings ... 677
Lotteries ... 281
Louisiana. *See* State data.
Louisiana Purchase ... 188, 192, 193
Lubricants, grease and oil, advertising ... 550
Luggage, manufacture ... 754, 755
Lumber and allied products:
Earnings ... 677
Foreign trade ... 679, 681, 762, 822
Waterborne commerce ... 622
Manufacture ... 750, 751
Consumption and stocks ... 677, 679
Employees ... 412, 750, 751, 760
Capital invested per employee ... 526
Energy used ... 763
Expenditures, new plant and equipment ... 751
Injury rates ... 426
National income, origin in ... 437
Production ... 672, 679, 680
Indexes ... 747
World ... 637
Shipments, value ... 772
Sawmills and planing mills ... 764
Prices ... 678
Import ... 479
Producer ... 470, 472, 672, 678, 721
Railroad, car loadings of ... 609, 610
Retail trade ... 782, 785
Wholesale trade ... 790

M

Macao, population and area ... 841
Machine tools ... 772, 773, 821
Orders and shipments ... 772, 773
Machinery (*see also* individual classes):
Exports, U.S. as compared to world ... 759
Farm, expenditures for and number on ... 653
Farm input indexes ... 653
Foreign trade ... 815, 820–822
Manufacture ... 754, 755
Capacity utilization rates ... 747
Capital appropriations and expenditures ... 759
Corporation sales, profits, and dividends ... 531
Employees ... 412, 754, 755, 760, 774
Scientists and engineers ... 579
Energy used ... 763
Expenditures, plant and equipment, new ... 527, 534, 755
Multinational companies ... 534
Research and development ... 577
Imports and exports ... 762
Injury rates ... 426
National income, origin in ... 437
Production indexes ... 747
Shipments ... 756, 772, 774
Accounted for by largest companies ... 764
Value and receipts, defense-oriented industries ... 333
Stockholders' equity, profit rates on ... 533
Wholesale trade ... 790
Producer price indexes ... 471
Mackerel ... 686, 687, 689, 890
Madagascar. *See* Foreign countries.
Magazine advertising expenditures ... 539, 549, 569
Magnesium:
Consumption ... 717

Page

Magnesium—Continued
Prices ... 479
Production and value ... 696, 697, 717
Production, U.S. as percent of world ... 717
Shipments of mill products and castings ... 771
World production ... 701, 717
Mail, foreign countries (*see also* U.S. Postal Service) ... 849
Mail-order houses ... 782, 783, 786
Maine. *See* State data.
Malaria ... 114
Malawi. *See* Foreign countries.
Malaysia. *See* Foreign countries.
Mali. *See* Foreign countries.
Malignancies, deaths ... 74–76
Malt liquors (*see also* Liquors and beverages) ... 785
Advertising expenditures ... 549, 550
Output per hour ... 415
Malta. *See* Foreign countries.
Malted milk powder, production ... 670
Managers. *See* Proprietors, etc.
Manganese:
Foreign trade ... 702, 718
Import prices ... 473
Mining industry ... 703
Production and value ... 696, 697, 718
Manmade fibers and fabrics (*see also specific items*) ... 766, 767
Manufacture, output per hour ... 415
Producer price indexes ... 470
Manned space flight ... 583
Manufactured products (*see also individual products*):
Exports, U.S. as compared to world ... 759
Foreign trade ... 813, 815, 820
Individual commodities ... 820–823
Production indexes ... 747
Quantity and value indexes ... 813
World production ... 637
Manufacturers' excise taxes ... 315
Manufacturers' sales branches, offices ... 790
Manufacturing industry (*see also individual industries*) ... 746–755, 758
Assets, profits, etc ... 524, 530
Building fires ... 187
Capacity utilization ... 747, 757
Capital appropriations and expenditures ... 759
Capital expenditures ... 745, 746, 751, 752, 758
States ... 748, 749
Capital, fixed ... 525
Net stocks ... 758
Coincident indicators ... 528
Collective bargaining settlements ... 423
Companies, capital ... 522, 759
Corporations ... 522, 530
Corporations, partnerships, and proprietorships ... 517, 758
Depreciation ... 745, 758
Employees ... 404, 405, 410–413, 518, 745, 746, 748–751, 758, 760–763
Capital invested per employee ... 526
Earnings ... 410, 412, 413, 417, 418
States ... 418
Geographic divisions ... 758
Industries ... 405, 412, 413, 750, 751, 760
Injury rates ... 425
Scientists and engineers ... 579
States ... 748, 749, 761
Establishments ... 518
Expenditures:
Payrolls ... 518, 748–755, 758, 768–773
Plant and equipment, new ... 527, 534
Industry groups ... 751, 752
Multinational companies ... 534
States ... 748, 749
Research and development ... 577, 579
Firms:
Corporate philanthropy ... 536
Failures ... 520
Legal form of organization ... 517, 758
Merchandising sales, by group rank ... 530
Selected data ... 758
Fuels and electric energy ... 763
Gross product, current and constant dollars ... 433
Multinational companies ... 534
Income and receipts ... 517, 524
Income tax returns, by asset-size ... 524
Injury rates ... 426
Inventories ... 529, 746, 756, 757
Investments ... 745, 804, 806
Lagging indicators ... 528
Leading indicators ... 528
National income, origin in ... 437, 744

Page

Manufacturing industry *(see also individual industries)*—
Continued
Orders and shipments 333, 757
Outlying areas of United States 831–833
Output as related to capacity 757
Output per hour 389, 415, 416
U.S. and foreign countries 853
Payrolls, industries 746, 750–755
States 748, 749
Pollution abatement 205
Producer price indexes 469
Production indexes 747
Profits 517, 532, 533
Proprietors and firm members 746
Sales 529
Securities issued 505
Shipments 756, 760, 771, 777
Accounted for by largest companies 764
Castings 771
Solid waste disposal 202
Space vehicle systems 583
Stockholders' equity, profit rates on 533
Unemployment 407, 408
Value added 333, 522, 745, 746, 748–755, 758, 764
Defense-oriented industries 333
Energy consumption 763
Geographic divisions 758
Share accounted for by largest companies 763
Wages and salaries 438, 746
Margarine 121
Marihuana, persons using 118
Marine communication, radio stations 544
Marine Corps 339–342, 344, 345
Active duty personnel and dependents 343–345
Personnel, desertion and AWA rates 343
Reserve costs 345
Marital status of population 36–39, 42, 54, 80–82
Black, by sex 37, 39
By presence of children 46
By sex and age 39, 48
Couples with or without own household 40
Householder 39, 43, 47
Interracial couples 38
Labor force participation rates 398
Members of Congress 247
Number and rate, by States 81
Outlying areas of U.S 827
Percent single, by age and sex 39
Persons 65 years old and over 30
Spanish-origin 37, 42
Tax returns filed 315
Unmarried couples 40
Women in the labor force 398, 399
Marriage and divorce 37, 38, 54, 57, 80–82
Median age at first marriage 80
Outlying areas of U.S 828
Rates 54, 57, 80–82
Remarriages 80
States 81, 82
Status, by sex and age 36, 37
Married persons. *See* Marital status.
Martinique, population and area 841
Maryland. *See* State data.
Massachusetts. *See* State data.
Maternal and child health service, expenditures for 97, 356
Mathematics:
College students 151
Degrees conferred 158, 581
Salary offers 141, 157
Employment in 325, 579, 580
School enrollment for advanced degrees 581
Mauritania. *See* Foreign countries.
Mauritius. *See* Foreign countries.
Measles 114
Meat and meat products *(see also individual meats)* 668
Consumption 121, 668
Federal inspection 668
Foreign trade 656, 668, 762, 820, 822
Frozen food production 667
Manufacture 750, 751
Employees 413, 750, 751
Production 668
World and foreign 837, 858
Prices:
Producer price indexes 470
Retail price indexes 476
Retail trade 786
Mechanics and repairmen 403, 408
Medicaid 100, 357, 373, 374
Medical assistance for the aged 378

Page

Medical care (*see also* Health care):
Expenditures for 94, 97, 99, 357
Per capita 98
Insurance benefits 100, 101, 373, 512
Enrollment and charges 100, 373
Reimbursements 371, 372
Expenditures for 97, 98
Price indexes 94, 100, 464, 475, 476, 478
Medical research 97
Medical schools:
Degrees conferred 158
Foreign graduates 102
Number, students, graduates 102
Medical sciences, employment 580
Medical services. *See* Health and medical services.
Medicare and Medicaid, Federal outlays for 99, 361, 373
Characteristics of persons covered 100, 372
Households receiving 358, 373
Medicinal chemicals 768
Medicines. *See* Drugs and medicines.
Melons 666
Members of Congress. *See* Congress, U.S.
Memorials, national 221
Menhaden 686–689
Meningitis 74, 114
Mental hospitals 105, 106, 108, 111, 112
Mentally retarded 49, 111, 112
Merchandise. *See* Foreign trade *and* General merchandise.
Merchant vessels 624, 625
Employment and wage scale 626
Foreign countries 226, 627, 859, 860
Number 624–627
Horsepower 569
Lost 627
World 837
Merchant wholesalers 790
Sales and inventories 529
Mercury (quicksilver) 696, 697, 701, 703
Metal mines. *See* Mining and smelting.
Metals and metal products *(see also individual metals)* 694, 696, 697, 699–701
Employees in mineral industries 326, 695, 718
Foreign trade 720, 762, 820, 821, 823
Imports as percent of consumption 703
Manufacture *(see also individual industries)* 752–755
Corporation sales, profits, and dividends 531
Defense-oriented industries 333
Employees 412, 752–755, 760
Capital invested per employee 526
Energy used 763
Expenditures:
Plant and equipment, new 527, 753, 755
Multinational companies 534
Research and development 577
Injury rates 426
National income, origin in 437
Stockholders' equity, profit rates on 533
Producer price indexes 470, 472, 721
Production and value 694, 696, 697, 699, 701
Indexes of production 694, 699, 700, 747
World production 701, 837, 854
Railroad, car loadings of 609, 610
Royalties and fees, U.S. receipts 552
Shipments of metal products 756, 772
Spot market price indexes 468
U.S. and world production 854
Wholesale prices 700
Wholesale trade, sales, and inventories, etc 790
Metalworking machinery:
Exports 821
Manufacture 754, 755
Metric conversion factors 836
Metric weights and measures xiv
Metropolitan areas:
Aid to families with dependent children 382
Average price of heating gas 482
Consumer price indexes 478, 482
Crime and crime rates 166
Employment, government 322
Housing:
Starts 727
Vacancies 739
Year built 739
Illness 115
Income 447
Land area 17
Population 17, 19–21
Mobility status 16
Price indexes 480

Page

Metropolitan areas—Continued
Residential rent, indexes 482
Mexican War, cost 338
Mica 696, 697, 701, 703
Michigan. *See* State data.
Microwave ovens 737, 777
Migration 14–16
Farm 631
Regions 15
States 14
Migratory workers 90, 654
Military aid by U.S. Government 338, 800, 801, 807, 808, 811
Military aircraft 333, 619
Military construction, value 723, 724
Military expenditures, worldwide 330, 336
Military personnel, U.S., on active duty 340, 341, 343
Military science, degrees conferred 158
Military services (*see also* Veterans affairs) 333, 339
Casualties 342
Court-martial cases 185
Discharges, by type 343
Expenditures 331, 332, 335
Reserves 345
Foreign countries 866
Pay rates 344, 345
Payroll 335, 340
Personnel 335, 340–343, 345
Active duty personnel and dependents 343
Foreign countries 342
National Guard 345
Retirees 340
Sex, race, and Spanish origin 341
Veterans, served in Vietnam 347
Women 341
Procurement actions 334
Sales to foreign countries 337
Selective service, inductees 344
By war 342
Wages and salaries as income components 436
Military ships, by type and country 868
Milk:
Consumption 121
Milk products 670
Shipments accounted for by largest companies 764
Prices:
Retail 479, 670
Wholesale 670
Producer price indexes 470
Production 670
Sales 670
Millinery 750, 751
Millwork:
Earnings 677
Manufacture, summary 750, 751
Producer price indexes 721
Milo. *See* Sorghum for grain.
Mineral land, public 328
Minerals and mineral products (*see also* Mining and smelting *and individual minerals*):
Employees 698, 700
Average earnings 700
Foreign trade 702
Waterborne commerce 622
Fuels, production and consumption 553
Imports as percent of consumption 703
Industries, summary 695
Manufacture, summary 752, 753
Nonmetallic minerals 810
Production 694, 696, 697, 699, 701
Foreign countries 855, 856
Indexes 747
Value 696, 697
Strategic and critical materials 701
U.S. and world production 692, 701
Value 694, 696, 699
Wholesale prices 479, 700
Producer price indexes 471
Wholesale trade 790
Minimum wage rates 422
Mining and smelting:
Assets 524
Corporations, partnerships, and proprietorships 517, 531
Earnings, by country 708
Employees 404, 405, 410, 412, 518, 694, 695, 698, 760
Earnings 410, 417
Injury rates 425
Production workers 412, 694, 753
Expenditures 518
Plant and equipment, new 527, 694, 695
Multinational companies 534

Page

Mining and smelting—Continued
Firms 517, 694, 698
Failures and liabilities 520
Foreign countries, production 855, 856
Gross product, current and constant dollars 433
Multinational companies 534
Income, profits, and receipts 517, 532, 547
Industrial summary 695
Injuries 79, 702
Investments 708, 806
National income, origin in 437, 694
Output per hour 415
Payrolls 518, 695, 698
Production and consumption 694
Production indexes 747
Sales 531
Shipments and value added 694, 695
Wages and salaries 438, 694
Minnesota. *See* State data.
Minority races (*see also* Black population):
Abortions 67
Aid to families with dependent children 382
Arrests, number and crime 173
Births and birth rates 58, 60, 64, 65
Unwanted births 66
Businesses operated by, loans 516
Deaths and death rates 70, 71, 73
Employment status 391
Federal, civilian 326
High school graduates and dropouts 148
Part-time 406
State and local government 294
Farm population 631
Fertility 57
Homicides 170
Householder 41, 44, 734
Housing units 734, 735
Income:
Families and unrelated individuals 445, 446, 448, 449
Poverty (low income) 430, 455
Recipients, by income level 452
Labor force 392, 396
Life expectancy 69, 70
Marital status 37, 39, 65
Occupations 402
Sex and educational attainment 401
Population:
Age and/or sex 30
Characteristics 32, 33
Ethnic origin 35
Institutional 49
Migration 16
Residence 17
Selected cities 23–25
States 31
Urban and rural 22
Schools and education, enrollment 139, 146
Higher education institutions 152
Suicides 79, 170
Unemployment 406, 407
Mint for oil 666
Mississippi. *See* State data.
Mississippi River traffic 622
Missouri. *See* State data.
Mixers (food) 777
Mobile homes 729
Gross and net stocks 730
Loans 502
Mobility status of population 16
Molasses 665
Molybdenum, summary 714
Foreign trade 702, 714
Production and value 696, 697, 714
World production 701
Monetary system and banks, flow of funds 488
Money (*see also* Banks *and* Money rates) 503, 863
Money market rates 504, 863
Money orders (postal) 538, 540
Money rates:
Discount, Federal Reserve Bank of New York 484, 504
Foreign exchange 862
Market 504, 863
Money supply 503, 863
Montana. *See* State data.
Monuments, national 221
Morbidity 114
Morocco. *See* Foreign countries.
Mortgages. *See* Loans and mortgages.
Motels, tourist courts 792

Page

Motion picture industry:
Employees ... 414, 781
National income, origin in ... 780
Motor fuel:
Advertising expenditures ... 550
Consumption, motor vehicles ... 601
Prices, retail ... 705
Production ... 705
Supply ... 602
Taxes ... 275, 279
States ... 594
Motor homes ... 598
Motor vehicles ... 595
Accidents/deaths ... 74, 78, 79, 113, 590, 599, 600
Advertising expenditures ... 550
Automobiles, factory-installed equipment ... 598
Common carriers ... 584, 586, 589, 606, 607
Employees ... 607
Cost of operation, automobile ... 602, 603
Dealers, franchises ... 787–789
Drivers licenses, by States ... 596
Licensed drivers, by age group ... 599
Farm expenditures ... 553
Foreign trade ... 595, 762, 815, 821, 822
Fuel consumed ... 601
Horsepower ... 553
Insurance ... 511, 512
Manufacture ... 753, 754, 776
Capital appropriations and expenditures ... 759, 776
Corporation sales, profits, and dividends ... 531
Employees ... 412, 753, 754, 776
Capital invested per ... 526
Expenditures, new plant and equipment ... 543, 754
National income, origin in ... 437
Research and development expenditures ... 577
Sales ... 595, 597
Shipments ... 756, 772
Accounted for by largest companies ... 764
World production ... 837
Number on farms ... 653
Parts, value of shipments ... 776
Pollutant emissions ... 201
Consumer indexes ... 470
Producer indexes ... 471
Railroad, carloadings of ... 609
Recalled for safety defects ... 600
Recreational vehicles ... 598
Registrations ... 595–597, 603, 848
Repair shops, rental service, etc ... 794
Retail trade ... 782, 783, 785, 786
Sales ... 597, 778
Scrapped ... 595
Taxes ... 595, 603
License and motor fuel ... 275
Theft ... 166–169, 173, 179, 185
Travel and speed ... 601
Value of shipments ... 776
Wholesale trade ... 790
Producer price indexes ... 471
Motorcycles (*see also* Bicycles) ... 590, 596, 597, 599, 822
Motors and generators ... 774
Mozambique. *See* Foreign countries.
Mullet, catch ... 689
Multinational companies ... 531, 534, 547
Multiunit companies (*see also* Retail trade) ... 746, 783
Mumps ... 114
Municipal and State bonds ... 505, 506
Municipalities. *See* Cities *and* Metropolitan areas.
Murders. *See* Homicides.
Museums ... 231, 232, 234
Mushrooms, canned ... 667
Music, degrees conferred ... 156
Musical instruments ... 754, 755
Advertising expenditures ... 549, 550
Foreign trade ... 823
Musicians, symphony orchestras ... 232
Mutton (*see also* Meat and meat products) ... 121, 668, 686
Mutual funds ... 509

N

National Aeronautics and Space Administration ... 576
Budget authority and outlays ... 311
Employment ... 324, 325
Expenditures, research and development ... 572, 574, 579
Space program ... 582, 583, 619
National associations ... 53
National banks. *See* Banks.
National Credit Union Administration, employment ... 324, 325
National debt. *See* Debt.

Page

National defense:
Contract awards and payrolls ... 335
Cost of American wars ... 338
Employment and payrolls ... 292
Employment, defense-related ... 334
Expenditures, U.S. and foreign countries ... 866
Federal expenditures ... 262, 303, 305, 307, 309, 314, 331, 332
Purchases of goods and services ... 432
Research and development ... 332
Reserve costs ... 345
Federal outlays as percent of GNP ... 304
Military forces ... 339–342
Armed Forces personnel, foreign countries ... 867
Branch of service ... 344, 345
Desertion and AWA rates ... 343
Reserve Officers Training Corps ... 344
National Guard ... 345
Military ships, by type and country ... 868
Outlays ... 308, 330, 331
Procurement actions, net value ... 334
Revenue losses due to Federal tax laws ... 310
Worldwide military expenditures ... 330, 336
National forests. *See* Forests.
National Guard ... 345
National health expenditures ... 94, 96, 97
Percent of GNP ... 96
National income ... 428, 433, 436, 437, 778, 780
Originating in domestic trade ... 438, 780
Originating in farming ... 641
Originating in manufacturing ... 744
Originating in mining ... 694
National income and product accounts ... 306, 441, 521, 598
National parks ... 221, 222
National product or expenditures ... 431–434, 847
Economic growth rates ... 434
Foreign countries ... 847
National Science Foundation ... 576
Employment ... 324, 325
Expenditures, space program ... 582
National stockpile ... 701
National wealth ... 434
NATO countries, military expenditures ... 330, 336
Natural gas. *See* Gas.
Natural resources:
Employment and payrolls ... 292
Expenditures:
Federal ... 262–264, 266, 267, 305
State and local government ... 262–264, 266, 269, 275
State governments, by State ... 277
Governmental revenue ... 263
Revenue losses due to Federal tax laws ... 310
Naturalization ... 87, 92, 93
Nature study (recreation) ... 222, 228
Navy ... 340–345
Active duty personnel and dependents ... 343, 344
Navy, Department of:
Employment, civilian ... 324, 325
Expenditures, research and development ... 576
Military forces ... 339
Nebraska. *See* State data.
Negro population. *See* Black population.
Neonatal deaths (*see also* Deaths and death rates) ... 73
Nepal. *See* Foreign countries.
Netherlands. *See* Foreign countries.
Netherlands Antilles:
Area and population ... 841
U.S. trade ... 817
Nevada. *See* State data.
New Hampshire. *See* State data.
New Jersey. *See* State data.
New Mexico. *See* State data.
New York. *See* State data.
New York Stock Exchange ... 506–508
New Zealand. *See* Foreign countries.
News dealers, retail trade ... 786
Newspapers and periodicals:
Advertising expenditures ... 539, 549
Copyrights ... 548
Establishments ... 546
Foreign countries ... 849
Frequency of publication ... 546
Manufacture, summary ... 752, 753
Employees ... 412, 546, 752, 753
Payrolls ... 546
Shipments, largest companies ... 764
Newsprint consumption ... 672, 680
Number and circulation ... 542, 547, 548
Newsprint ... 672, 680, 681
Consumption ... 672
Imports ... 822

Page

Newsprint—Continued
Imports—Continued
Prices 473
World production 837
Nicaragua. *See* Foreign countries.
Nickel 479, 703, 715
Foreign trade 715, 823
Import prices 473
Mine production 696, 697, 701, 715
Niger. *See* Foreign countries.
Nigeria. *See* Foreign countries.
Nitrogen (agriculture) production 701
Nobel prize laureates 578
Nonagricultural workers, job openings and placements 409
Nondurable goods and industries *(see also individual goods and industries):*
Consumer price indexes 470, 476
Manufacture:
Capacity utilization rates 747
Employees 405, 413
Expenditures for new plant and equipment 527
Inventories, orders, and shipments 756, 757
National income, origin in 744
Production indexes 747
Stockholders' equity, profit rates 533
Personal consumption expenditures 432, 433
Producer price indexes 469
Retail trade, sales and inventories 782, 783
Wholesale trade, sales, and inventories 790
Nonferrous metals and products. *See* Metals and metal products.
Nonfinancial corporations 521, 531
Nonmetallic minerals *(see also individual minerals):*
Industries, summary 695
Manufacture, summary 752, 753
Producer prices and indexes 470, 472
Production and value 696, 697, 699
Production indexes 694
Nonresidential capital, fixed 525
Nonresidential fixed investment 526
Nonwhite population. *See* Black population *and* Minority races.
North Carolina. *See* State data.
North Dakota. *See* State data.
Norway. *See* Foreign countries.
Nuclear forces 339
Nuclear power:
Commercial generation, by country 568
Consumption 554–556
Production 554, 568
By region and type 560
Source of energy 560
Nuclear reactors 568
Nuclear Regulatory Commission 576
Nurses 102, 402, 403
Nursing homes 97–99, 105, 110, 111
States 111
Nursing personnel, health and medical services 102
Nursing schools, students, and graduates 102
Associated with hospitals 160
Nutrition:
Federal food programs 122, 123, 357
Aid to State and local governments 268
Nutrients and nutritional intake 120, 122
Per capita consumption of major commodities 121
Nuts. See Fruits and nuts.
Nylon, yarn, export prices and distribution 473, 767

O

Oats, *acreage, production,* value, *and price* 659
Occupations *(see also individual occupations)* 400
Death rates 426
Employees, median earnings 419
Federal Government employees 325
Health care 102
Injury rates 425, 426
Race and sex 402, 403
Rehabilitated persons 378
Sex, race, and educational attainment 401
State and local government 294
White-collar and blue-collar workers 322, 396, 401
Office appliances and supplies:
Foreign trade 821, 822
Manufacture 754, 755
Employees 412, 750, 751
Shipments, value 756
Office buildings, construction 722–724, 726, 742
Ohio. *See* State data.

Page

Oil and gas fields:
Contract services, summary 695
Machinery and tools, shipments, value 762, 772, 774
Public land, leases 328
Oil and gas wells. See Petroleum and gas wells.
Oil crops 644, 655
Oil spills 199, 826
Oils:
Animal (oils and fats) 121, 656, 658
Animal and vegetable:
Foreign trade *820, 823*
Producer price indexes 470
Crude oil, reserves 708
Fish 690, 691
Fuel. *See* Fuel oils.
Lubricating 820
Mineral. See Petroleum and products.
Spot market price indexes 468
Vegetable:
Export prices 473
Foreign trade 656, 658, 820
Production, consumption, and stocks 121, 658
Oklahoma. See State data.
Old-age assistance, public 378
Old-age pensions. *See* Pensions.
Old-age, survivors, disability, and health insurance. *See* Social Insurance.
Olefin, distribution 767
Olives, canned 667
Oman, population and area 840
Onions, acreage, production, value, and price 666
Opera, companies and performances 232
Operations performed, by type and sex of patient 110
Operatives and kindred workers:
Median earnings 419
Race and/or sex 402–404
Ophthalmologists 103
Optical (ophthalmic) goods, manufacture, summary 753, 754
Employees 413, 754
Retail trade 785
Optometrists 98
Orange juice 479, 667
Oranges 479, 666
Orchestras, symphony 232
Oregon. *See* State data.
Ores, crude *(see also individual ores):*
Car loadings 609, 610
Foreign trade 815, 820, 822
Mining industry 695
Production and value 696, 697, 701
Prices 700
Organization chart of U.S. Government 300
Organizations, nonprofit 53
Orphans 382
Osteopaths *(see also* Physicians) 102, 104
Outboard motors 226
Outdoor recreation *(see also* Amusements *and* Recreation):
Activities 222, 228, 229
Park acreage, visits, overnight stays 222
Summary, States 223
Outlying areas of United States:
Accession 192
Aliens naturalized 93
Area 8, 191, 192, 824, 827
Banks *495*
Births and deaths 826, 828
Business summary 832, 833
Climate (Puerto Rico) 206–215, 217, 218
Commerce 833
Construction industry (Puerto Rico) 833
Crops *833*
Education 830, 847
Employment and labor force 830, 847
Farm products (Puerto Rico) 833
Federal aid to State and local governments 268
Federal Government employees 323
Finances *831*
Geographic data 196
Government receipts and expenditures (Puerto Rico) 831
Gross product and imports (Puerto Rico) 831
Highway projects, Federal-aid (Puerto Rico) 594
Hospital facilities 107
Income 830, 847
Income taxes 831
Libraries 159
Manufactures (Puerto Rico) 832
Marriage and divorce 826
Migratory workers admitted into 90
National forest (Puerto Rico) 676

Page

Outlying areas of United States—Continued
National income (Puerto Rico) ... 831
Physicians ... 103
Population and area (Puerto Rico) ... 830, 841
Population and characteristics ... 8, 12, 13, 826, 827
Components of change ... 826
Public assistance ... 381
Savings and loan associations ... 498
School lunch program ... 124
Schools and education ... 148, 153, 827, 828
Service industries ... 832
Social insurance ... 365
Tourism (Puerto Rico) ... 830
Trade (business) ... 832, 833
Unemployment ... 830, 847
Unemployment insurance ... 376, 377
Veterans ... 346, 349
Vital statistics ... 828
Output per hour (*see also* Productivity):
Farms ... 654, 655
Manufacturing industries ... 415, 416
U.S. and foreign countries ... 853
Mining industries ... 415, 710
Oxygen, production ... 769
Oysters ... 686–690

P

Painting, expenditures for residential upkeep ... 739
Paints, varnishes, etc.:
Manufacture ... 752, 753
Employees ... 413, 752, 753
Producer price indexes ... 470
Value of shipments ... 756
Pakistan. *See* Foreign countries.
Panama. *See* Foreign countries.
Paper and allied products:
Consumption ... 681
Earnings ... 677
Foreign trade ... 762, 815, 821, 822
Manufacture ... 750, 751
Capacity utilization rates ... 747
Capital appropriations and expenditures ... 759
Corporations, financial data ... 531, 532
Employees ... 413, 750, 751, 760
Capital invested per ... 526
Energy used ... 763
Expenditures:
Plant and equipment, new ... 527, 751
Multinational companies ... 534
Injury rates ... 426
National income, origin in ... 437
Production ... 672, 681
Indexes ... 747
World ... 837
Research and development, expenditures ... 577
Shipments ... 756
Accounted for by largest companies ... 756, 764
Stockholders' equity, profit rates on ... 532, 533
Producer prices ... 472
Railroad car loadings ... 609, 610
Wastepaper, utilization and recovery ... 680
Wholesale trade ... 790
Producer price indexes ... 470, 672
Paper and pulp industry ... 750, 751
Foreign trade ... 762, 815
Output per hour ... 415
Paperboard, wet machine board, building paper:
Consumption ... 681
Exports ... 821
Production ... 681
Producer price indexes ... 470, 678, 721
Papua, New Guinea population and area ... 840
Paraguay. *See* Foreign countries.
Parcel post ... 541
Parks ... 221, 223, 327
Employment and payrolls ... 292
Parolees, number ... 183
States ... 181
Particleboard ... 680
Parties, political:
Campaign expenditures ... 256, 257
Political action committees ... 257
Congress, composition of ... 245, 246
State legislatures, composition of ... 249
Vote ... 236, 238–241, 243, 244
Partnerships, number and financial data ... 516, 517
Passengers:
Arrivals and departures ... 235
Arriving from overseas ... 234

Page

Passengers—Continued
Carrier operation, summary ... 586, 607, 608, 618
Air ... 614–616, 618
Rail ... 608, 609
Outlays, by type of transport ... 587
Passenger traffic, volume ... 589
Railroad accidents, by type ... 611
Revenues, by type of transport ... 588
Travelers ... 234
Passports issued, by characteristics of travelers ... 234
Pastors, number with charges ... 50, 51
Pastureland, acreage ... 192
Patents and certificates of trademarks ... 536
Pathologists ... 103
Paving and roofing materials, manufacture, summary ... 752, 753
Payrolls. *See* Salaries and wages *and individual industries.*
Peace Corps (ACTION) ... 807
Peaches ... 666, 667
Peanuts:
Consumption ... 121
World production ... 837
Pears ... 666, 667
Peas ... 666, 667
Peat ... 696, 697
Pennsylvania. *See* State data.
Pensions and retirement benefits (*see also* Social insurance):
By occupation and industry group ... 421, 422
Civilian workers ... 368
Government employees ... 356, 359, 368–370
Military ... 347–349, 369
Pension indexes, foreign countries ... 367
Private and public plans ... 369
Railroad ... 356, 359, 360, 366
Veterans ... 338, 348, 356
Perch ... 686–688, 690
Performing arts, selected data ... 231, 232
Perfume. *See* Toilet preparations.
Periodicals. *See* Newspapers and periodicals.
Perlite, mine production ... 696, 697
Personal consumption expenditures ... 220, 224, 431, 432, 434, 435, 438, 642
Current and constant dollars ... 431, 432, 435
Transportation ... 587
Personal income ... 270, 428, 433, 438, 643
Personal savings ... 441
Personal services or care (*see also* Service industries) ... 794
Consumer price index ... 470, 476
Employees ... 403, 405, 781
National income, origin in ... 437, 780
Price increases, U.S. and foreign countries ... 851
Personal wealth ... 461–469
Personnel administration, Federal employees ... 325
Peru. *See* Foreign countries.
Pesticides:
Production and sales ... 203
Residue in human tissue ... 203
Pet products, advertising expenditures ... 550
Petroleum and coal products, manufacture:
Capital appropriations and expenditures ... 752, 759
Employees ... 413, 753, 760
Energy used ... 763
Expenditures, new plant and equipment ... 753
Multinational companies ... 534
Inventories, value and quantity ... 706, 756, 769
National income, origin in ... 454, 694
Production indexes ... 747
Profit and sales ... 563
Shipments ... 756, 769
Petroleum and gas wells (*see also* Gas) ... 695, 703
Accidents and fatalities ... 702
Drilling expenditures ... 692, 706
Employees ... 412, 695
Leases and production ... 706
Number and production (oil) ... 692, 703, 709
Petroleum and products (*see also* Petroleum and coal products):
Consumer cooperatives ... 535
Consumption ... 554, 556, 704
Imports as percent of consumption ... 703
States ... 555
Crude oil:
Drilling expenditures ... 692, 706, 707
Energy produced and consumed ... 553, 554
Foreign trade ... 561, 562, 705, 822
Imports, by country of origin ... 560, 561
Lease revenues ... 707
Prices ... 479, 700, 705
Production ... 562, 694, 696, 697, 701, 705, 709

Page

Petroleum and products—Continued
Crude oil—Continued
Foreign countries 855, 856
Reserves 708, 709
Runs to stills and stocks 705
Employment 405, 707, 723, 724
Energy consumption 560
Foreign investments in U.S 708, 804
Foreign trade 561, 705, 815, 820
Gross product, multinational companies 534
International investments 806
Investments 708
Manufacture 752, 753
Natural gas liquids 710
Output of refineries (*see also* Petroleum-refining industry) 705
Pipeline industry 584, 589
Railroad, carloadings of 609, 610
Stocks 705
Wholesale trade 790
Producer price indexes 470
Petroleum companies, financial data 562, 563
Petroleum pipeline companies 611
Building construction, value 723, 724
Petroleum-refining industry 752, 753
Corporations, financial data 531
Defense-oriented industries 333
Employees 413, 723, 724, 752, 753
Capital invested per 526
Injury rates 426
Energy consumption 763
Expenditures, new plant and equipment 527, 755
Exports and imports 762
Output per hour 415
Profits and dividends 531
Refinery products 705
Research and development, expenditures 577
Sales 534
Shipments accounted for by largest companies 764
Stockholders' equity, profit rates on 531
Pharmaceuticals (*see also* Drugs and medicines):
Exports 821
Manufacture:
Corporation assets and profits 531
Shipments accounted for by largest companies 764
Value of shipments 756, 768
Pharmacists 102
Pharmacy, degrees conferred 158
Philanthropy 384, 385
Corporate 536
Expenditures, health 97, 98
Philippines. *See* Foreign countries.
Phonograph records and tapes 226
Phonographs and record players 777
Advertising expenditures 549, 550
Phosphate materials:
Mining industry 711
Production and value 696, 697, 701
Production (chemical) 769
Photographic apparatus and material:
Foreign trade 762, 821, 823
Manufacture 754, 755
Employees 413, 754, 755
Shipments accounted for by largest companies 754
Retail trade 786
Physical education, degrees conferred 158
Physical sciences 325, 580, 581
School enrollment and degrees conferred 151, 581
Physicians 102–104, 402, 405
Births attended by 60
Black 402
Degrees conferred 159
Earnings 105
Expenditures for 97–99
Fees 94, 100
Foreign countries 844
Foreign medical school graduates 102
Liability claims and insurance expenses 105
Medicaid payments 374
Osteopaths 102, 104
Persons covered by insurance 101
Specialty and professional activity 103
States 103
Type of practice 104
Visits to 104
Physics 581
Degrees conferred, salary offers 157
Nobel prize laureates 578
Scientists employed 578, 580
Physiology, Nobel prize laureates 578

Page

Pig iron. *See* Iron.
Piggyback 609, 610
Pigs. *See* Hogs.
Pilchard. *See* Sardines.
Pimientos, canned 667
Pineapples 667
Pipe:
Iron and steel imports 823
Production and shipments 771
Pipeline companies 611
Pipeline transportation industry, petroleum 584, 586, 588
Accidents 590
Revenues and expenses 588
Pistols. *See* Firearms.
Plant and equipment expenditures:
Foreign-owned firms 805
Selected industries 750–755
States 748, 749
Plaster. *See* Concrete and plaster products.
Plastics materials and resins, value of shipments 768
Exports and imports 760, 762
Plastics products, manufacture 752, 753, 760
Employees 413, 752, 753, 760
Exports and imports 762, 821
Shipments accounted for by largest companies 764
Value of shipments 770
Plate glass. *See* Glass.
Plates, sheets, etc. (iron and steel), foreign trade 821, 823
Platinum-group metals 700, 702, 703, 717
Playgrounds 222
Plumbing. *See* Heating and plumbing equipment.
Plums 666, 667
Plywood:
Imports 681, 822
Per capita consumption 677
Producer price indexes 470, 672, 678, 721
Production, shipments and value 681
Poisoning, deaths from 78, 79, 170
Poland. *See* Foreign countries.
Police departments. *See* Public safety.
Policemen and detectives 403
Poliomyelitis 114
Political action committees 257
Political parties:
Campaign expenditures 256, 257
Political action committees 257
Congress, composition of 245, 246
Congressional and Presidential votes 236, 238–241, 243, 244, 251
Governors, by party affiliation 248
State legislatures, composition of 249
Political science, degrees conferred 158, 580
Pollution:
Air 200, 204
Environmental 199, 201
Expenditures 204, 205
Motor vehicle emissions 201
Water 199, 204
Polyester, production 767
Poor persons 430, 454–457
Population (*see also* Vital statistics) 6, 17, 27, 30
Abroad 7, 8
Adults under correctional supervision 181
Age:
Distribution 29, 30
Median age 27
Members of Congress 247
Outlying areas 826
Race 28, 30
School enrollment 132, 137
Sex 26, 28
Sixty-five years old and over 29, 30, 48, 362, 456
States 29
Under 18, by presence of parents 46
Voting-age population 251–255
Black. *See* Black population *and* Minority races.
Center 7
Change 14, 17
Cities 22–25
Coastal 10
Components of change 5, 9, 14
Outlying areas 826
Metropolitan areas 19–21
Density 6, 10, 11, 13, 23–25
Foreign countries 839–841
Disabled persons, characteristics 378
Ethnic origin 31, 35
Farm 628, 631, 634, 636
States 632
Fertility 9, 57, 62

Page

Population—Continued
- Foreign countries ... 837, 839-841
- Growth rates ... 5, 9, 836
- Households and/or families ... 40, 41, 43-48, 444
- Illiteracy ... 863, 864
- Increase ... 5, 6, 9, 11, 13, 14
  - Metropolitan areas ... 19-21
- Institutional ... 49
- Intrinsic rate of natural increase ... 57
- Labor force. *See* Employment and labor force.
- Life expectancy ... 838
- Local governments ... 284
- Marital status ... 36, 37, 39, 48, 54, 80-82
  - Characteristics of householder ... 44
  - Members of Congress ... 247
  - Unmarried couples ... 40
- Metropolitan statistical areas ... 17-21
  - Size-class ... 17
- Migration ... 14, 15, 19-21, 631
- Minority races below poverty level ... 430, 455
- Mobility ... 16
- Nativity ... 35
- Nonwhite. *See* Black population *and* Minority races.
- Outlying areas of U.S. ... 8, 12, 13, 826, 827
  - Puerto Rico ... 830
- Persons living alone ... 44, 48
- Poverty ... 430, 454-456, 459, 460
- Projections ... 8-10, 15, 27
  - Age and sex ... 27
  - Foreign countries ... 842
  - World ... 838
- Race (*see also* Black population *and* Minority races) ... 17, 22, 27, 28, 31
- Ranked by States and/or cities ... 11-13, 23-25
- Regions and divisions ... 10
- Resident ... 6, 29
- School years completed ... 127, 134-136
- Sex ... 26, 27
  - Age distribution ... 26, 28
  - Householder ... 44
  - Unemployment and reason ... 407
- Size-group of States ... 10
- Social and economic characteristics:
  - American Indian, Eskimo and Aleut ... 33
  - Asian and Pacific Islander ... 33
  - Black ... 32
  - Spanish origin ... 34
  - White ... 32
- Spanish origin ... 31, 34, 35
- State of birth and residence ... 35
- States ... 5, 11-13, 15
  - Density ... 13
  - Households ... 43
  - Race and/or sex ... 31
  - Spanish origin ... 31
- Urban and rural ... 22, 27
- Voter turnout ... 253, 254
- Voting-age population and votes ... 251, 253, 255
- Wealthholders ... 463
- World ... 834, 837, 838, 842

Pork (*see also* Meat and meat products):
- Consumption and production ... 121, 668, 848
- Foreign trade ... 668, 689
- Price, retail ... 479

Portland cement ... 696, 697, 711

Portugal. *See* Foreign countries.

Possessions. *See* Outlying areas of U.S.

Post Office Department. *See* U.S. Postal Service.

Postal rates ... 541

Postal service, foreign countries ... 849

Potash (potassium salts):
- Mining industry ... 712
  - Production and value ... 701

Potassium ... 703

Potatoes:
- Acreage, production, and value ... 659, 666
- Canned ... 667
- Consumption ... 121
- Farm labor in man-hours ... 654
- Frozen food production ... 667
- Prices ... 479, 659, 666
- World production ... 837

Pottery:
- Imports ... 822
- Manufacture and employees ... 412, 752, 753

Poultry (*see also* Eggs):
- Consumption ... 121, 848
- Farm labor in man hours ... 654
- Farms and/or income ... 644
- Farm value ... 652
- Frozen food production ... 667

Page

Poultry—Continued
- Number on farms and raised ... 671
- Output and marketing indexes ... 655
- Prices ... 671

Poverty ... 430, 454-457, 459, 460

Power (*see also* Electric light and power industry):
- Electric ... 564-567
  - Generating plants privately owned ... 566
  - Nuclear energy capacity ... 568
- Horsepower ... 553
- Hydro ... 564
- Nuclear ... 564, 568
- Production and consumption ... 553
- Projections of electric energy requirements ... 563
- Tractive effort of railroad locomotives ... 608
- Water ... 571

Power plants. *See* Electric light and power industry.

Precious metals, volume of trading, U.S. exchange ... 508

Precipitation, selected cities ... 211-213

Precision, production, craft, and repair workers ... 401, 403-405
- Median earnings ... 419
- Race and/or sex ... 403
- Unemployment ... 404, 408

President, U.S ... 238-240, 251
- Campaign finances ... 256
- Salary ... 326

Prices (*see also individual commodities*):
- Automobiles, cost of operating ... 602, 603
- Bonds ... 506, 508
- Books and periodicals ... 225
- Consumer, percent change ... 467
- Dairy products ... 670
- Electricity ... 483
- Export and import ... 473
- Fish, by species ... 686, 687
- Food ... 480
- Gasoline and diesel fuel ... 602
- Homes ... 740, 742
- Increases, U.S. and foreign countries ... 851
- Indexes:
  - Colleges and universities ... 154
  - Consumer price ... 464, 476
    - Foreign countries ... 851, 854
    - Residential rents ... 482
    - Selected cities ... 478
    - Year-to-year changes ... 436
  - Exports ... 474
  - Houses, one-family ... 722
  - Imports ... 474, 479
  - Medical care ... 94, 100
  - Producer price ... 464, 469-471
    - Construction materials ... 678, 721, 722
    - Foreign countries ... 860
    - Iron and steel ... 799
  - Public elementary and secondary schools ... 142
  - Purchasing power of the dollar ... 466, 792
  - Railroad freight ... 610
  - Retail price ... 480, 482
  - Spot market price ... 768
- Lumber and stumpage ... 678
- Mineral products ... 479, 700
- Newsprint ... 680
- Producer ... 472
  - Year-to-year change, selected groups ... 467
- Received by farmers:
  - Crops ... 647, 659, 661, 662, 664-666
  - Livestock and products ... 647, 669, 671
- Retail ... 482, 483
- Stocks ... 506, 508
- Utilities ... 483
- Wool ... 767

Prime movers ... 558

Printing and publishing industries (*see also individual classes*) ... 413, 752, 753
- Books and pamphlets ... 225, 413
- Corporations, financial data ... 531, 532
- Employees ... 413, 546, 760
  - Capital invested per ... 526
- Energy used ... 763
- Establishments ... 546
- Expenditures, advertising ... 550
- Injury rates ... 426
- National income, origin in ... 437
- Newspapers and periodicals ... 546-548
- Newsprint ... 672, 680
- Production indexes ... 747
- Sales by type and market area ... 224
- Shipments accounted for by largest companies ... 764
- Stockholders' equity, profit rates on ... 532

Printing machinery, foreign trade ... 821

Page

Printing paper 681
Prisons and prisoners 182–186
  Average sentence and time served 185
  Characteristics of prisoners 183, 185
  Characteristics of State prisons *183*
  Juveniles in custody 182
  Number of prisoners 181
  Parolees, number 181, 183
  Prisoners executed 186
  Prisoners under sentence 185
Private schools. *See* Education.
Producer price indexes 469
  Commodity groups 464, 470, 471, 482
  Foreign countries 851
  Purchasing power of the dollar 466
Productivity:
  Electric light and power industry *415*
  Farm input indexes 653
  Farm output 654, 655
  Mining industries 710
  Output of plant and equipment, manufacturing industries 757
  Output per hour *389, 415, 416,* 654, 655
  Manufacturing industries 853
Professional schools. *See* Education, higher education institutions.
Professional, technical, and kindred workers 400, 402–404
  Employee benefits 421
  Median earnings 419
  Race 402, 403
  Unemployment 404, 408
Profits:
  Bank 491, 494, 497
  Business enterprises 516
  Corporation *436, 441, 523, 532, 533,* 757
Projections:
  Electric energy 563
  Labor force 392, 405
  Population 8–10, 27, 842
  World 838, 842
  School enrollment and attainment 131, 150
  Water use 199
Property insurance 511
Property tax 262, 264, 265, 269, 270, 275, 286
  Rates, selected cities 291
Proprietors, managers, and officials, except farm:
  Median earnings 419
  Number 402
  Unemployment 408
Proprietorships 516, 517
Protective service workers. *See* Public safety.
Prunes and plums 666, 667
Psychiatrists 103
  Liability claims and insurance expenses *105*
Psychology:
  Degrees conferred 581
  Employment 402, 579, 580
  Graduate students 581
  Research, U.S. Government obligations for 576
Psychotherapeutic drugs, nonmedical use 118
Public administration. *See* Government.
Public affairs, degrees conferred 158
Public assistance 122, 267, 268, 353–355, 357, 378–381
  Benefits paid 357, 358
  Health expenditures 99
  Recipients 357, 381, 382
Public assistance programs, Federal expenditures 307, 357
Public broadcasting stations 544, 545
Public buildings, construction, value 722–725
Public debt. *See* Debt.
Public domain. *See* Public lands.
Public housing *358*
Public lands (*see also* Forests):
  Acquisition and area 193, 327
  Cost and usage 327
  Disposal, summary 328
  Forest land, area 674, 675
  Homestead entries *328*
  Leases, permits, licenses *328*
  National park system 221
  Ownership 327, 639
  Parks 221
  Receipts from 328
  Recreation 223
Public libraries 159
Public officials, prosecutions 175
Public roads. *See* Highways.
Public safety:
  Communication, radio stations 544
  Employees 175, 176, 292, 295, 298
  Fire protection 292

Page

Public safety—Continued
  Employees—Continued
    Payrolls 292, 295, 298
    Police officers killed or injured *172*
    Police protection and correction 175, 176, 292
  Expenditures, police protection 262, 275
  Public expenditures 175, 176, 269, 286
Public schools. *See* Education.
Public service. *See* Service industries.
Public transportation 606
Public utilities (*see also* Electric light and power, Railroads, etc.):
  Assets or liabilities 524
  Construction 723–725
  Cost indexes 722
  Corporations, partnerships, and proprietorships *517*
  Employees 405, 410, 411, 414
  Earnings, average 410, 414, 417
  Injury rates 426
  Expenditures for new plant and equipment 527
  Firms 517
  Governmental revenue *263*
  Gross product, current and constant dollars 433
  Income and profits 517, 532
  Local government enterprise 264
  National income, origin in 437
  Receipts 524
  Securities *505, 506*
Public welfare. *See* Welfare services.
Public works projects 725
Publishing industry. *See* Printing and publishing industries.
Puerto Rico. *See* Outlying areas of U.S.
Pulpmills 750, 751
Pulpwood *677,* 680
Pumice, production, and value 696, 697
Pumpkin and squash, canned 667
Pumps and compressors, exports 821
Purchasing power of the dollar 466
Purses 752, 753
Pyrites 696, 697, 712

Q

Qatar. *See* Foreign countries.
Quarries. See Mining and smelting.
Quicksilver (mercury) 696, 697

R

Rabies 114
Race, population (*see also* Population) 17, 27, 31, 35
Racetrack operations, business summary 224, 226
Radio:
  Broadcasting:
    Advertising expenditures 539, 549
    Exports 762
    Authorization 544
    Financial data 234
    Operators licensed 544
    Special services 544
    Stations 542, 546
  Sets:
    Advertising expenditures 549, 550
    Exports 762
    Foreign countries 849
    Homes with 542
    Manufacture:
      Employees 405, 412
      Equipment (radio and television) 754, *755*
      Shipments accounted for by largest companies 764
      Shipments, value (radio and related products) 756, 777
    Production and imports 546
    Retail trade (radio and television) 786
Radiologists 103
  Liability claims and insurance expenses *105*
Railroad Retirement Board 324, 325, 356, 359, 360, 366
Railroads:
  Accidents and fatalities 79, 590, 608, 611
  Building construction, value 723, 724
  Carloadings, by commodity 609, 610
  Car-miles, train-miles, etc *608, 609*
  Communication, radio stations 544
  Employees 414, 588, 606
  Equipment in service 608
    Expenditures 527
    Manufacture 754, 755
      Employees 412, 754, 755

Page

Railroads—Continued
Equipment in service—Continued
Shipments ... 772
Federal outlays ... 588
Finances:
Capitalization and investment ... 608
Income and profits ... 608
Revenues and expenses ... 588, 608, 609
Stocks and bond prices and yields ... 505, 506
Taxes ... 608, 609
Foreign countries ... 859, 860
Freight, price indexes ... 610
Freight traffic and revenue ... 584, 589, 608–610
Fuel consumption ... 590
Horsepower ... 553
Mileage owned and operated ... 608
National income, origin in ... 437
Passenger traffic and revenue ... 608, 609
Piggyback ... 609, 610
Retirement ... 361
Revenue traffic ... 415
Summary ... 608
Wages and salaries ... 588, 608
Railways, electric, employees and operations ... 606
Rainfall, selected cities ... 211, 212
Ranges. *See* Stoves and ranges.
Rape ... 169, 170, 173, 179, 185
Raw materials. *See* Crude materials.
Rayon and related fabrics, manufacture ... 766, 767
Real estate business (*see also* Finance, insurance *and* real estate):
Employees ... 402, 414
Life insurance companies ... 511
Market value, by use category ... 285
National income, origin in ... 437
Wealthholders ... 461, 463
Real estate loans (*see also* Farms) ... 494, 497, 498, 500, 641, 642
Receipts *(see also individual subjects):*
Construction industry ... 721
Corporation ... 321, 516, 517, 524
Farm and farm marketings ... 644, 645
Federal ... 143, 303, 304, 306, 307
International investments ... 806
International transportation ... 620
Partnerships, proprietorships, and corporations ... 516, 517
Revenue:
Federal government ... 143, 261–264
Local governments ... 143, 264, 265
City governments ... 286, 288
State and local governments (combined) ... 261–263, 265, 270–273
State governments ... 264, 275, 277, 278, 279
Service industries ... 794
Telephone systems ... 542
United States Government ... 303–306
From national forests ... 674
From public lands ... 328
National income and product accounts ... 306
Postal ... 536, 540
Sources ... 264, 265, 305–307, 315, 320
Trust funds ... 306
Recent trends ... xvii
Reclamation, Bureau of, irrigation projects ... 639
Recreation (*see also* Amusements):
Activities ... 222, 226–228, 230, 232
Building construction, value ... 725, 726
Consumer price indexes ... 476
Employees and payrolls ... 298
Expenditures (all governments) ... 262
Local government ... 264, 266, 269, 286
Parks:
Employees and payrolls ... 292, 298
National ... 221
Participation, by type ... 228
Performing arts ... 231, 232
Personal consumption expenditures ... 220, 224
Public lands, recreational use ... 223
Symphony orchestras, attendance, etc ... 232
Travel ... 234, 235
Video games, summary ... 229
Recreational vehicles ... 598
Red Cross ... 384
Refrigerators and refrigeration equipment:
Exports ... 821
Manufacture ... 777
Refugees ... 85, 86, 88, 89
Religion ... 50, 51, 53
Jewish population ... 52
Religious associations ... 53

Page

Religious education, degrees conferred ... 158
Religious, social, and recreation workers ... 402
Rents:
Indexes ... 476, 482
Price increases, U.S. and foreign countries ... 851
Repair services. *See* Business and repair services *and* Service industries.
Representatives, U.S. *See* Congress, U.S.
Research and development:
Employment ... 578–580
Expenditures:
By country ... 578
Colleges and universities ... 154, 577, 578
Federal ... 574–577
National defense ... 331
Space program ... 582, 583
Federal Government obligations for ... 576
Funds for ... 572, 574, 575, 577
By industry group ... 577
Reserve Officers Training Corps ... 344
Residential buildings. *See* Construction industry *and* Housing and housing units.
Residential capital, fixed ... 730
Residential energy ... 556, 558, 559
Restaurants. *See* Eating and drinking places.
Retail prices indexes (*see also* Consumer price indexes) ... 480
Retail sales, drugs and toiletries ... 789
Retail trade (*see also* Prices *and* Trade):
Chain stores (multiunits) ... 782, 783
Consumer credit ... 501
Corporations, partnerships, and proprietorships ... 517
Department stores, summary ... 784
Employees ... 402, 404, 405, 414, 781, 787
Earnings, average ... 414, 417
Kind of business ... 786
Women ... 402
Establishments ... 781, 785–787
Failures and liabilities ... 520
Largest companies ... 785
Legal form of organization ... 517
Firms ... 781
Franchises ... 786
Inventories ... 529, 783, 784
Kind of business ... 782, 783, 786
Multiunit companies ... 781, 783
National income, origin in ... 437, 778, 780
Outlying areas of U.S ... 832, 833
Payrolls ... 781, 786
Proprietors ... 517, 781, 786
Sales ... 529, 778, 781–783, 785–787
Department stores ... 784
Inventory ratios ... 783
Per capita ... 781, 782
States ... 787
Stores. *See* Retail trade, establishments.
Retirement system:
Benefits paid ... 307, 358, 361, 369
Civil Service ... 356, 359, 360, 369, 370
Federal other than civil service ... 359, 369
Old-age, survivors, disability, and health insurance. *See* Social insurance.
Private and public plans ... 360, 369
Railroad ... 307, 356, 359–361, 366
State and local government ... 269, 356, 359, 360, 369
State programs, uses and sources of funds ... 490
Reunion, population and area ... 841
Revenue receipts. *See* Receipts.
Revolvers. *See* Firearms.
Rheumatic fever ... 114
Rhode Island. *See* State data.
Rhodesia. *See* Foreign countries.
Rice:
Acreage and value ... 659
Consumption ... 121
Foreign trade ... 656, 658, 820, 858
Prices ... 473, 659
Production ... 658, 659
Foreign countries ... 857
World ... 837
Rivers, canals, harbors, etc.:
Commerce, domestic and foreign ... 621, 622
Federal expenditures for ... 621
Length of principal rivers ... 198
Roads, public. *See* Highways.
Robbery ... 162, 167–173, 179, 185
Robotics, summary ... 773
Romania. *See* Foreign countries.
Roofing ... 739
Rubber and rubber goods (*see also* Tires and tubes):
Foreign trade ... 762, 769, 820, 821, 823

Page

Rubber and rubber goods—Continued
Manufacture ... 752, 753
Capacity utilization rates ... 747
Corporations, financial data ... 532
Defense-oriented industries ... 333
Employees ... 413, 752, 753, 760
Capital invested per ... 526
Establishments ... 752
Expenditures:
Plant and equipment, new ... 527, 753
Multinational companies ... 534
Research and development ... 577
Injuries ... 426
National income, origin in ... 437
Natural, reclaimed, and synthetic ... 769
Production indexes ... 747
Sales ... 531
Stockholders' equity, profit rates on ... 531
Producer prices ... 472
Rubella ... 114
Rugs. *See* Floor coverings.
Rural delivery mail ... 540
Rural Electrification Administration ... 543
Rural population. *See* Population.
Russia (U.S.S.R.). *See* Foreign countries.
Rwanda. *See* Foreign countries.

S

St. Lucia Island, population and area ... 841
Salaries and wages *(see also* Income *and individual industries):*
Average annual, by State ... 418
City government employees ... 298, 299
Collective bargaining settlements ... 423
Component of national income ... 436
Construction industry ... 416, 721
Earnings, lifetime ... 453
Employment covered by social insurance ... 360, 362, 376
Farm ... 416, 654
Federal employees ... 322–324, 326
Finance, insurance, real estate ... 414, 416
Higher education institutions, faculty and administrators ... 156
Income tax returns (reported totals) ... 316, 320
Indexes ... 416
Foreign countries ... 367
Manufacturing industries ... 412, 413, 416, 758
Earnings, year-to-year changes ... 417
Hourly compensation and earnings ... 853
Hours and earnings, average ... 416–418
Industrial groups and *industries* ... 750–755, 758, 773
Payroll index ... 416
Puerto Rico ... 832
State distribution ... 748, 749
Military personnel ... 335, 340, 344, 345, 436
Mineral industries ... 695
Minimum wage rates ... 422
Mining ... 416
Municipal employees ... 298
Nonagricultural industries ... 412–414
Nonmanufacturing industries ... 416
Personal income ... 438
Private industry ... 141, 417
Production workers, by industry ... 412–414
Railroads ... 608
Retail trade ... 416, 781, 786
Seamen ... 626
Service industries, employees ... 416, 794
Teachers ... 137, 141
Telephone systems, employees ... 542, 543
Timber-based industries ... 677
Transit industry ... 416, 606
Wage and salary workers, earnings ... 419, 467
Wholesale trade ... 416, 789–791
Sales *(see also individual commodities):*
Aircraft and parts ... 619
Commodity Credit Corporation transactions ... 648, 650
Corporation ... 530, 531
Manufacturing ... 518, 533, 757
Farm products, value ... 635, 637
Franchised establishments ... 788
Hotel operations, index ... 792
Manufacturing and trade ... 529
Merchandising ... 530
Postage stamps, receipts from ... 538, 540
Retail ... 777, 781–783, 786, 787
Department stores ... 784
Farm equipment ... 653

Page

Sales —Continued
Retail—Continued
Per capita ... 781, 782
Ratios ... 783
Stocks and bonds ... 506
Uranium, private industry ... 715
Wholesale trade ... 789–791
Salesworkers ... 400, 402, 404
Median earnings ... 419
Unemployment ... 404, 408
Salmon:
Canned ... 667, 686, 687, 690, 691
Catch ... 686, 687, 689
Salt, production and value ... 696, 697
Samoa, American. *See* Outlying areas of U.S.
Sand and gravel industry, summary ... 695
Production and value ... 696, 697
Sanitation. *See* Health, etc.
Sardines ... 686, 687, 690, 691
Saudi Arabia. *See* Foreign countries.
Sauerkraut, canned ... 667
Savings:
Credit unions ... 499
Deposits, bank ... 441, 502–504
Gross savings, sources and uses ... 441
Personal ... 438, 441
U.S. bonds ... 312, 313, 438
Savings and loan associations:
Financial items ... 484, 491, 498–500
Flow of funds ... 489, 505
Mortgage debt held by ... 501
States ... 492
Uses and sources of funds ... 490
Savings banks. *See* Banks.
Saw logs ... 677, 678
Sawmills. *See* Lumber and allied products.
Sawtimber ... 674, 675
Scallops ... 682, 686, 687
Scholastic Aptitude Test ... 147
School dropouts ... 148
Schools *(see also Education):*
Board, Black elected officials ... 250
Busing ... 144
Church affiliated ... 145, 146
Districts ... 283, 293
Dropouts ... 148
Expenditures ... 142, 143
Lunch programs ... 122, 124, 357
Noncollegiate postsecondary ... 160
Nonpublic ... 126, 145, 146
Number ... 126, 128
Preprimary enrollment ... 132, 133
Pupil transportation ... 144
Sunday or Sabbath ... 50, 51
Scientific, engineering, and technical associations ... 53
Scientific instruments. *See* Instruments.
Scientific research. *See* Research and development.
Scientists and engineers ... 400, 402, 577, 579, 581
Characteristics ... 579, 582
Degrees conferred ... 159, 581
Employment ... 579, 580, 582
By industrial sector ... 580
Research and development ... 577, 578
Unemployment ... 582
Scouts, membership and units ... 231
Scup, catch ... 686
Seafoods ... 667, 686–691
Securities:
Held by corporations ... 312, 522
Held by government corporations and credit agencies ... 313
Uses and sources of funds ... 490
Held by insurance companies ... 509
Holdings of banks ... 312, 488, 490, 494, 495, 497, 505, 510
Holdings of individuals and businesses ... 508
Holdings of State and local governments ... 274, 313
Interest-bearing, government ... 312, 313
New issues ... 506
Prices, sales, yields and issues ... 505–509
Savings of individuals ... 441
Stocks and bonds, sales ... 507
Tax-exempt, outstanding ... 313
Security dealers and exchanges, employees ... 414
Sedatives, persons using ... 118
Seeds:
Farm expenditures for ... 643
Output and marketing indexes ... 655
Producer price indexes (hay, seeds) ... 470
Segregation, school ... 139
Selective service, violations ... 179, 185
Selenium ... 703

Page

Senators, U.S 241
Senegal. *See* Foreign countries.
Service industries *(see also individual services):*
  Assets and liabilities 524
  Corporations, partnerships, and proprietorships 517
  Degrees conferred 159
  Employees 326, 395,400,402-405, 410, 411, 414, 781, 792, 795
    Earnings, average 410, 414, 417, 419
    Educational attainment 401
    Injury rates 425, 426
    Kind of business 794
    Race and sex 395, 402, 403
    States 411, 794
  Establishments 792, 794, 795
    Franchises 788
    Tax-exempt 794, 795
  Firms 517, 792
  Gross product, current and constant dollars 433
    Multinational companies 534
  Income and profits 517, 532
  Kind of business 794
  National income, origin in 437, 778, 780
  Outlying areas of U.S 832, 833
  Payrolls 794, 795
  Personal consumption expenditures 432, 433
  Proprietors 792
  Receipts 517, 794
  Unemployment 407, 408
Service stations. *See* Gasoline service stations.
Service workers. *See* Service industries.
Sewage treatment systems 200
Sewer and water systems, construction 723, 724
Shareowners, stocks 508
Sheep and lambs:
  Farm income 644
  Liveweight production 669
  Number and value, on farms 668, 669
  Prices 669
  Shorn 767
Shellfish:
  Canned, quantity and value 690
  Catch 682, 684, 686-689
  Consumption 686
  Foreign trade 815
  Frozen, quantity and value 690
  Prices received by fishermen 686
Shipbuilding, summary 625, 754, 755
  Corporation sales, profits, and dividends 531
  Employees 412, 626, 754, 755
  Private shipyards, summary 625
  Value of shipments 776
Shipments:
  Foreign trade, by method of transport 621
  Manufacturers' 748, 749, 751, 752, 756, 757, 763, 771
    Aircraft 333, 618
    Castings 771
    Iron and steel products 770
    Steel products 772
    Value 756
      Defense-oriented industries 333
      Government by agency 321
      Plastics products 770
      Shipments accounted for by largest companies 764
  Uranium, mine ore 715
Shipping. *See* Merchant vessels *and* Tonnage.
Ships:
  Merchant vessels 624-627
    Foreign countries 859, 860
    Lost 627
  Military, by type 333, 868
  Outboard motors and boats 227
  Repairs 333, 625
  Tanker casualties 626
Shoe stores, retail trade 782, 783
Shoes. *See* Footwear.
Shorelines (tidal), by States 197
Short-term liabilities to foreigners 803
Shortening 121
Shrimp:
  Canned, quantity and value 690
  Catch 682, 686-689
  Imports 691
Sickness. *See* Illness.
Sierra Leone. *See* Foreign countries.
Silk (raw) and silk goods consumption, by mills 766
Silver 695, 713
  Consumption 713
  Foreign trade 713, 823
  Imports as percent of consumption 703
  Prices 479, 713

Page

Silver—Continued
  Production and value 696, 697, 713
  Production, U.S. as percent of world 701
Silverware and jewelry, manufacture 413, 754, 755
Singapore. *See* Foreign countries.
Single persons. *See* Marital status.
Skiing 228
Skins. *See* Hides, etc.
Slaughtering and meat-packing industry. *See* Meat and meat products.
Small Business Administration, budget outlays 311
Smelt, imports 691
Smelting and refining industry:
  Employees, earnings 412
  Output per hour 415
Snow and ice pellets, selected cities 213
Soap:
  Advertising expenditures 550
  Manufacture:
    Corporation sales, profits, and dividends 531
    Employees and earnings 413
    Shipments accounted for by largest companies 764
  Value of shipments 756, 768
Soccer 226
Social and recreation workers 402, 403
Social insurance:
  Beneficiaries and benefits, by States 376, 377, 380
  Benefits provided, by type of protection 361, 370
  Expenditures (public) for 353, 354
    Per capita 355
  Government insurance trust funds 262, 264, 303, 307
    Federal receipts and expenditures 305, 306
    State and local receipts, expenditures 269, 286
  Individual programs:
    Aid to families with dependent children 378, 379, 381, 382
    Beneficiaries and benefits 359, 366, 369
    Coverage 360, 362
    Federal retirement insurance 356, 359, 369
      Average annual benefits 369
      Civil service 370
    Hospital and medical 361, 372, 373
    Old-age, survivors, disability, and health insurance:
      Average payments 366, 379
      Beneficiaries and payments 353, 358,364-366, 379, 380
      Children, beneficiaries and benefit payments 366
      Contribution rates 362, 363
      Coverage, workers and earnings 362
      Public expenditures 97
      Trust funds 262, 264, 306, 361, 363
    Medicaid payments and recipients 374
    Old-age insurance taxes 315
    Payroll tax rates 367
    Protection against income loss 370
    Railroad insurance 366
    State and local public retirement insurance 356, 359, 369, 370
      Average annual benefits 369
    Unemployment insurance (Federal and State) 283, 360
      States 283, 376, 377
    Veterans insurance 349
      Life insurance 306
      States 349
    Workmen's compensation 97, 375
Social insurance administration 263, 269
Social sciences, degrees conferred 581
  Employment and unemployment 579, 580
  School enrollment for advanced degrees 151, 581
  Scientists and engineers 402, 582
Social Security. *See* Social insurance.
Social welfare. *See* Welfare services.
Social welfare associations 53
Sociology 158, 580, 581
Sodium compounds:
  Mines (natural), production and value 696, 697
  Production 769
Soft drinks. *See also* Beverages, nonalcoholic 121
Softball, amateur 227
Solar energy, collectors, manufacturers shipments 571, 772
Sorghum grain:
  Acreage, production, and value 659
  Prices 473, 659
  Supply, disappearance, and price support 663
South Africa. *See* Foreign countries.
South Carolina. *See* State data.
South Dakota. *See* State data.
Soybeans:
  Acreage, production, and value 658, 659, 663
  Exports and imports 658, 762, 815, 820

Page

Soybeans—Continued
Prices 473, 659
Supply, disappearance, and price support 663
World production 837
Space research and technology:
Expenditures, Federal 263, 266, 305, 309, 574, 576, 619
Space program 582, 583, 619
Space vehicles 583, 619
Spain. *See* Foreign countries.
Spanish origin population:
Age 34
Below poverty level 456, 460
Births, expectations 62
Characteristics 34
Children under 18 years old 45
Disabled persons 378
Education 133, 134, 136
Employment 391, 396, 397, 419
Fertility 62
Households, characteristics 42, 734
Illness 116
Income 442, 445, 452
Marital status 37
Median family income 442
Mobility status 16
Number of families and residence 31, 32
Sex 30, 34
States 31
Unemployment rate 407, 408
Spanish-American War, cost 338
Special delivery mail 540
Speech and dramatic arts, degrees conferred 158
Spinach 667
Sporting and athletic goods:
Advertising expenditures 550
Foreign trade 822, 823
Manufacture 754, 755
Retail trade 785, 786
Sports 222, 227–229
Spot market price index 468
Squash and pumpkin, canned 667
Sri Lanka. *See* Foreign countries.
Stabbings 171
Stampings (metal) manufacture 754, 755
Employees 412, 754, 755
Shipments accounted for by largest companies 764
Stamps, postage, receipts from 538, 540
Standard metropolitan statistical areas. See Metropolitan areas.
State and local governments, combined data *(see also individual governmental units):*
Debt 269, 274, 313
Highways 594
Employees and payrolls 175, 258, 292–296, 414
Expenditures (*see also* Finances) 258, 260, 262, 270
Hospitals and medical care 99, 106
Payments for public assistance 378
Receipts 260
Schools 129
Social insurance, etc 354, 356
Federal grants and aid to 204, 267, 268, 308, 314
Finances 258, 261, 262, 264–266, 270–274, 284, 288–290, 370
Intergovernmental 267–269, 360
Flow of funds 487–489
Forest land 674, 675
Governmental units 283
Hospital data 106, 109
National income, origin in 431, 437
Number of units 261
Purchases of goods and services 431, 432
Receipts 261, 270, 274
Retirement funds 490
Retirement systems 356, 359, 360, 369, 370
Revenues 262, 271–273
Taxes 264, 281
Securities issued 274
U.S. securities held by 313, 490
Women holding public office 251
State data (for individual States):
Abortions 68
Adults under correctional supervision 181
Aliens 93
Altitudes 196
Animals, domestic, number 669
Apportionment of Representatives 242
Appropriations for arts agencies 233
Area 191, 197
Average annual pay 418
Banks, assets and liabilities 495

Page

State data (for individual States)—Continued
Births and birth rates 14, 59, 60
Black elected officials 250
Building permits 726
Civilian labor force 393
Climate 206–215, 217, 218
Coal and coke production 710
Coastlines 197
Congress, U.S., composition 246
Construction contracts awarded 725
Copper, mine production 714
Courts, caseflow 180
Crime rates 167
Crops, principal 639, 660–666
Deaths and death rates 14, 72, 73, 76
Defense contracts 335
Dentists 103
Divorces 82
Drivers licenses 596
Education. *See* State data, Schools and education.
Elections 239–244, 246, 248, 249, 254
Voter registration 253, 254
Electric bills 483
Electric energy sales 566
Electric power 565
Elevations 196
Employment:
Government 297, 323
Manufacturing 748, 749, 761
Nonagricultural industries 411
Sex 393
State and local government (combined data) 295, 296
Payrolls 295
Police protection and correction 176
State government 296
Energy consumption 555
Energy expenditures 557
Failures and liabilities 519
Farms 633, 635
Income 645, 646
Milk sold 670
Population 632
Real estate, value per acre 640
Value, farms and products sold 635, 637
Fisheries 688, 689
Forest land, area and ownership 675
Foundations 385
Fuel production 709
Gas utility industry 570, 571
Government finances:
Federal (income tax collections) 319, 320
Intergovernmental transactions 268, 272, 273
State government 277, 279
State and local government 268, 272, 273
Governmental units 283
Governors, vote cast 248
Highway projects, Federal aid 594
Hispanic elected officials 250
Hospital charges 108
Hospital facilities 107, 111
Households or families 43
Housing units 726, 727, 733
Income, families 450
Per capita 451
Persons in poverty 457
Tax rates 280
Indian lands 195
Insurance business 373, 510
Intergovernmental transactions 268, 271
Labor unions 424
Land and buildings, Federal 327
Lawyers 177
Lead, mine production 712
Legislatures, composition 249
Lotteries, revenue from 281
Manufactures, summary statistics 748, 749
Defense-oriented industries 333
Hours and earnings, average 418
Marriage and divorce 81, 82
Medicaid payments and recipients 373
Metropolitan population 18
Mineral production and value 696–699
Motor-fuel tax 594
Motor-vehicle accident fatalities 599
Motor-vehicle registrations 596
National forests 676
Newspapers, number and circulation 548
Parks 223
Personal wealth 462
Physicians, dentists, and nurses 103

Page

State data (for individual States)—Continued
Police protection and correction ... 176
Population ... 11–13, 15, 29, 31
Components of change ... 14
Density ... 11, 13
Institutional ... 49
Metropolitan ... 19
Mobility ... 16
Poultry and eggs ... 671
President, vote cast ... 239, 240
Prisoners ... 184, 186
Public assistance ... 379–381
Recreational areas ... 223
Refugees ... 88
Representatives, U.S., vote cast ... 243, 244
Retail trade ... 787
Rivers ... 199
Roads and highways ... 591, 593, 594
Savings and loan associations ... 498
School lunch program ... 124
Schools and education:
Attainment ... 135
Elementary and secondary ... 128
Classroom teachers ... 141
Enrollment ... 132, 138, 139
Expenditures ... 143
High school graduates ... 148
Higher education institutions ... 128, 132, 153
Years completed ... 135
Scientists and engineers ... 582
Senators, vote cast ... 241
Service industries, summary ... 794
Social insurance ... 365, 373
Taxation ... 272, 273, 277, 279, 280, 319, 320
Teachers ... 141
Unemployment ... 393, 409
Unemployment insurance ... 283, 376, 377
Urban land area ... 195
Veterans, number and expenditures ... 346, 349
Voter registration ... 253
Voter turnout ... 253, 254
Votes cast ... 239–241, 243, 246, 251, 253, 254
Voting age population ... 252, 253
Water use ... 198
Weather data ... 216
Wholesale trade, summary ... 791
Women holding public office ... 251
Workmen's compensation payments ... 374, 375
Year of admission to Statehood ... 191
Zinc production ... 716
State government (*see also* State and local governments):
Debt, public highways ... 594
Employees and payrolls ... 258, 292
Work stoppages ... 425
Expenditures ... 278
Forests ... 676
Police protection and correction ... 175, 176
Schools ... 129
Federally owned land ... 193
Finances ... 261, 265, 266, 274–279, 285
Intergovernmental transactions ... 275, 286
Revenue from lotteries ... 281
Highway funds, disbursements of ... 593
Park systems ... 223
Payments for public assistance ... 378
Receipts, highways ... 593
Taxes ... 265, 275, 277, 279, 280
Individual income, by States ... 280
Property ... 285
Unemployment insurance ... 283, 359, 360
State highways. *See* Highways.
State park systems ... 223
Statehood, admission to ... 191
Stationery and book stores ... 786
Statistics, employment in ... 580
Steam engines and turbines, electric:
Light and power plants ... 564
Locomotive (railroads) ... 608
Shipments, value ... 756
Steel. *See* Iron and steel products.
Steel works and rolling mills (*see also* Iron and steel) ... 752, 753
Output per hour ... 415
Stimulants, persons using ... 118
Stock exchanges:
Money market rates on call loans ... 504
Prices and volume of trading ... 506, 507
Securities listed on, and sales ... 507, 508
Stockholders, characteristics of ... 508
Stockholders' equity, profit rates on ... 531, 533
Stockpiles, government:
Rubber deliveries from ... 769

Page

Stockpiles, government—Continued
Strategic and critical materials ... 701
Stocks:
Corporate, flow of funds ... 488, 489
Life insurance companies ... 511
New issues ... 506
Ownership ... 461, 508
Prices, yield, sales, issues, etc ... 505–508
Wealthholders ... 461, 463
Stocks, commodity inventories (*see also individual commodities*):
Retail trade ... 781, 783
Wholesale trade ... 790
Stone industries ... 695
Production and value ... 696, 697
Production indexes ... 694
Stone, clay, and glass products industry ... 752, 753
Employees ... 405, 412, 752, 753, 760
Capital invested per ... 526
Energy used ... 763
Expenditures:
Plant and equipment, new ... 527, 753
Research and development ... 577
Imports and exports ... 762
Injury rates ... 426
National income, origin in ... 437
Production indexes ... 747
Railroad car loadings of commodities ... 609, 610
Stockholders' equity, profit rates on ... 533
Stores, restaurants, etc., construction ... 726
Stoves and ranges ... 737, 777, 848
Strategic and critical materials, summary ... 701
Strawberries, acreage, production, and value ... 666
Streptococcal sore throat and scarlet fever ... 114
Strikes and lockouts (work stoppages) ... 424
Strontium ... 703
Structural clay products ... 412
Structural iron and steel ... 471, 473
Structural metal works (*see also* Iron and steel) ... 412, 754, 755
Students. *See* Education, enrollment.
Subways and elevated railways ... 586, 606
Sudan. *See* Foreign countries.
Sugar:
Consumption ... 121, 665, 848
Foreign trade ... 822
Prices:
Imports ... 473
Producer indexes ... 470
Production ... 665
World ... 837, 858
Quota charges and supply ... 665
Refining and manufacture ... 413, 754, 755
Output per hour ... 415
Sugar beets ... 659
Sugar crops ... 655, 665
Sugarcane:
Acreage, production, value, and price ... 665
Puerto Rico ... 833
Suicides ... 74, 75, 78, 79, 170, 845
Sulfates, production ... 769
Sulfur ... 479, 703, 712
Foreign trade ... 702, 712
Production and value ... 696, 697, 712
Production, U.S. as percent of world ... 701
Wholesale prices ... 700, 712
Sulfuric acid, production ... 769
Sunday or Sabbath schools ... 50, 51
Sunshine, selected cities ... 214
Supplemental Security Income ... 356–358, 361, 378–381
Supreme Court, U.S ... 178
Surgeons ... 103, 105
Liability claims and insurance expenses ... 105
Surgery performed, by type, and sex of patient ... 110
Surgical instruments, manufacture ... 413, 754, 755
Surgical insurance ... 101
Surinam. *See* Foreign countries.
Swaziland. *See* Foreign countries.
Sweden. *See* Foreign countries.
Swimming and swimming pools ... 222, 228
Swine. *See* Hogs.
Switchboard apparatus, shipments, value ... 774
Switzerland. *See* Foreign countries.
Swordfish, imports ... 691
Symphony orchestras ... 232, 234
Syphilis, deaths ... 74
Syria. *See* Foreign countries.

Page

T

Taiwan (Republic of China). *See* Foreign countries.
Talc, pyrophyllite, and soapstone 696, 697
Tallow and grease (animal) 473, 658, 820
Tanneries, summary 754, 755
Tantalum 703
Tanzania. *See* Foreign countries.
Tariff. *See* Customs receipts.
Taxation (*see also* Customs receipts):
  Farm property 643
  Federal tax, indexes, by type of tax 313
  Governmental revenue, by type of tax 263
  Motor-fuel taxes and motor-vehicle fees 275, 279, 315, 594, 595, 603
  National (internal revenue) 315
    Collections by source 315
    Corporation income tax:
      Federal budget receipts 262, 265, 303, 305–307
      Internal revenue collections 315
      State government revenue 264, 265, 269, 275
      Tax liabilities 515, 523, 532
      Tax returns filed 315, 318, 321, 523
    Employment tax 305, 315, 320
    Estate and gift taxes 264, 305, 315
    Excise taxes 279, 303, 305, 307, 315
    Individual income tax 262, 264, 265, 269, 275, 280, 303, 305, 307, 315–320
      Average tax by income level 315, 317
      By income level, selected cities 291
      Household, by type of tax 445
      Rates 318
      Returns filed, by marital status and income level 315
    Summary 315, 317, 320
  Personal taxes 306
  Property tax:
    Government revenue 263, 286
    Rates, selected cities 291
    State and local government 262, 264, 269, 270, 285
  Railroads 608, 609
  Revenue losses due to Federal tax laws 310
  State and local government:
    By type of tax 264, 265, 269, 270
    City government 287, 290
    Per capita 272, 273
  State governments 275, 276, 279
Tax-exempt securities outstanding 313
Tax receipts by country 850
Taxicab drivers and chauffeurs 402
Tea:
  Consumption 121
  Foreign trade 822
    Prices 479
Teachers, number 137, 140, 141, 400, 402
  Degrees conferred 158
  Experience and degrees held 140
  Higher education institutions 150
  Lacking full certification 140
  Salaries 141
  Tenure 157
Technicians:
  Employed, number 400, 402, 580
  Health care 102
Teen-agers, labor force (*see also* Population, age) 392, 397, 398, 406
Telegraph and telephone systems:
  Coaxial tube, mileage 543
  Consumer cooperative (telephone) 535
  Dividends 542
  Employees 403, 414, 542, 543
    Telephone operators 403
  Financial data 542, 543
  Foreign countries 849, 882
  Independent telephone companies 543
  Line and wire mileage 542, 543
  Manufacture, shipments accounted for by largest companies 764
  Microwave radio relay mileage 543
  National income, origin in 437
  Overseas systems and rates 542
  Value of new construction 723, 724
  Wiretapping 175
Telephones (*see also* Telegraph, etc.):
  Households with 542
  Number 542, 543
    Foreign countries 849
Teletypewriter (TWX) 542
Television (*see also* Radio):
  Broadcasting:
    Advertising expenditures 539, 549, 550

Page

Television—Continued
  Broadcasting:—Continued
    Public broadcasting stations 544, 545
  Cable TV, systems and subscribers 539, 542, 545
    Pay TV, summary 545
  Sets:
    Advertising expenditures 550
    Foreign countries 849
    Households with 542, 737
    Manufacture:
      Employees 405, 412
      Shipments and retail value 777
    Production imports, and exports 546, 762
  Stations 542, 546
Temperature, selected cities 206–210
Tennessee. *See* State data.
Tennessee Valley Authority, employment 324, 325
Tennis 227
Tenure. *See* Housing and housing units *and* Farms.
Territorial accessions of the U.S 188, 192
Texas. *See* State data.
Textile industry 750, 751
  Capacity utilization rates 747
  Capital invested per worker 526
  Corporations, financial data 531, 532
  Employees 413, 750, 751, 760
  Expenditures, plant and equipment, new 527, 751
  Fiber (manmade) distribution 767
  Foreign trade 762, 767, 815, 821–823
  Injury rates 426
  National income, origin in 437
  Prices and indexes 468, 470, 472
  Production indexes 747
  Stockholders' equity, profit rates on 531
Textile machinery 821
Thailand. *See* Foreign countries.
Theaters, etc.:
  Attendance and receipts 227
  Personal consumption expenditures 224
Theft. *See* Crime and criminals.
Theology, degrees conferred 158
Therapists and dieticians 102, 402
Thread. *See* Yarn, thread, etc.
Timber (*see also* Lumber and allied products):
  Earnings 677
  Exports and imports 681
  Per capita consumption 677
  Prices 678
  Products from roundwood 677
  Receipts from sales 328
  Removed from national forests 674
  Volume, growth and cut 674
  World production (roundwood) 837
Tin 703, 715
  Foreign trade 702, 715, 823
  Prices:
    Imports (tin, bars, blocks, pigs) 473
    Wholesale 479, 700, 715
  Production 696, 697, 715
    U.S. as percent of world 701
  Value 696, 697
Tinware, manufacture 754, 755
Tires and tubes 595
  Manufacture 752, 753
    Employees 413, 752, 753
    Output per hour 415
    Shipments accounted for by largest companies 764
  Retail trade (tire, battery, accessories) 782, 783, 786
  Wholesale trade (tire, battery, accessories):
    Producer price indexes 470
Titanium concentrates 696, 697, 701, 717, 769
Titanium ores 695, 703, 717
Tobacco:
  Acreage, production, and value 658, 659, 664, 665
    Output and marketing indexes 655
  Advertising expenditures 549, 550
  Consumption per person 766
  Farm income 644
  Farm labor required, man-hours 654
  Foreign trade 656, 658, 664, 762, 815, 820, 822
  Manufacture 750, 751, 766
    Capital invested per worker 526
    Corporations, financial data 531, 533
    Employees 413, 750, 751, 760
    Expenditures for plant and equipment, new 751
    Injury rates 426
    National income, origin in 437
    Output per hour 415
    Production 766
      Indexes 747

Page

Tobacco—Continued
Manufacture—Continued
Indexes—Continued
Stockholders' equity, profit rates on ... 531
Summary ... 766
Prices:
Export ... 473
Farm ... 659, 665
Producer price indexes ... 471
Retail trade ... 785, 786
Taxes ... 275, 279, 315
Governmental revenue ... 263
World production ... 837
Togo. *See* Foreign countries.
Toilet preparations, etc.:
Advertising expenditures ... 549, 550
Shipments accounted for by largest companies ... 764
Value of shipments ... 768
Tomatoes ... 479, 666, 667
Tonnage, vessels:
Domestic commerce ... 622, 623
Entered and cleared in foreign trade ... 624
Foreign countries (shipping) ... 859, 860
Merchant ... 624–626
Ships and tonnage lost ... 627
Waterborne foreign commerce ... 623
Tools. *See* Cutlery, etc., *and* Machine tools.
Tornadoes ... 79, 205
Tourism, foreign (*see also* Travel) ... 91, 234, 235
Puerto Rico ... 930
Townships and special districts:
Employment and payrolls ... 293
Population ... 264
Toys. *See* Games, toys, etc.
Tractors:
Foreign trade ... 815, 821, 822
Horsepower ... 653
Number on farms ... 653
Trade (business) (*see also* Commerce, Foreign trade, Retail trade, *and* Wholesale trade):
Assets or liabilities ... 530, 531
Corporations, partnerships, and proprietorships ... 517
Employees ... 405, 410, 414, 760, 781
Injury rates ... 425, 426
States ... 411
Establishments ... 517, 530, 531
Expenditures for plant and equipment, multinational companies ... 534
Gross product, current and constant dollars ... 433
Multinational companies ... 534
Income and profits ... 517, 530–532
International investments ... 806
Merchandising firms, summary ... 790
National income, origin in ... 437, 780
Sales ... 531, 790
Unemployment ... 408
Wages and salaries ... 438
Trade, business, and commercial associations ... 53
Trade schools ... 160
Trademarks ... 536
Traffic deaths ... 599
Trailers (campers) ... 598
Tranquilizers ... 118
Transit industry, summary ... 586, 606, 607
Federal grants for mass transportation ... 606
Fuel consumption ... 590
Local government enterprise ... 264, 266, 286
Wages and salaries ... 606
Transportation (*see also individual carriers*):
Accidents ... 590
Carriers of passengers ... 586, 589, 607
Carriers of property ... 589, 607, 610
Consumer price indexes ... 475, 476
Foreign countries ... 851
Expenditures ... 267, 527, 612
Foreign countries ... 859, 860
Freight ... 587
Fuel consumed ... 552
Household, by vehicle characteristics ... 603, 604
Multinational companies ... 534
Outlays, by type of transport ... 587, 588
Personal consumption expenditures ... 587
Transportation, Department of ... 268, 311, 576
Transportation equipment:
Exports, U.S. as compared to world ... 759
Foreign trade ... 762, 821, 822
Manufacture ... 754, 755
Capacity utilization rates ... 747
Defense-oriented industries ... 333
Employees ... 412, 754, 755, 760

Page

Transportation equipment—Continued
Manufacture—Continued
Scientists and engineers ... 579
Expenditures, plant and equipment, new ... 527, 755
Injury rates ... 426
National income, origin in ... 437
Production indexes ... 747
Operators ... 404
Producer price indexes ... 471
Railroad carloadings ... 610
Value of shipments ... 756, 776
Transportation industry (*see also individual industries*):
Assets or liabilities ... 524
Companies, largest, ranked by revenues ... 589
Corporations, partnerships, and proprietorships ... 517
Employees ... 403–405, 410, 411, 414, 518, 760
Earnings, average ... 410, 414, 417, 586
Injuries ... 425, 426
States ... 411
Type of transport ... 586
Establishments ... 518
Expenditures for plant and equipment, new ... 527
Multinational companies ... 534
Firms ... 520
Foreign countries ... 859, 860
Gross product, current and constant dollars ... 433
Multinational companies ... 534
Income and profits ... 517, 532
National income, origin in ... 437
Output per hour ... 415
Payroll ... 518
Revenues and assets, largest companies ... 589
Unemployment ... 407, 408
Wage rates ... 438
Transportation to work ... 604, 605
Travel:
Advertising expenditures ... 549, 550
Air carriers ... 618
Foreign ... 91, 220, 234, 235, 618
Charter passengers ... 618
Means of transport ... 235
Mileage:
Air carriers ... 612, 615
Highway, by type of road ... 591, 592
Motor vehicle ... 601
Passengers, arriving and departing ... 234
Passports issued ... 234
Recreation ... 222
Tourists ... 234, 235
Treasury bonds outstanding ... 312
Sales, prices, and yields ... 505, 506
Treasury Department, budget outlays ... 311
Trials; criminal and civil ... 178, 179
Trinidad and Tobago. *See* Foreign countries.
Tripoli, mine production ... 696, 697
Trips. *See* Travel.
Trucks:
Employees ... 403, 405, 588
Accidents/deaths ... 600
Injury rates ... 426
Export value (trucks and buses) ... 595
Exports ... 821
Factory sales (trucks and buses) ... 595, 597
In use (cars and trucks) ... 597
Motor-fuel consumption ... 601
Number on farms ... 653
Registration (trucks and buses) ... 596, 597
Scrapped (trucks and buses) ... 595
Travel and speed ... 601
Trust funds, U.S. Government ... 305, 306
Trust Territory of the Pacific Islands:
Aid by U.S. Government ... 808
Population and area ... 8, 191, 192, 826
Tuberculosis ... 74, 114
Hospitals ... 105
Tuition, private schools ... 146
Tuna:
Canned, quantity and value ... 690
Catch ... 682, 686, 687, 689
Consumption ... 686
Imports ... 691
Supply ... 687
Tungsten ... 479, 703, 715
Consumption and sources of supply ... 715
Imports ... 702, 715
Production and value, ore ... 696, 697
Production, U.S. as percent of world ... 701
Tunisia. *See* Foreign countries.
Turbines. *See* Steam engines.
Turkey. *See* Foreign countries.
Turkeys. *See* Poultry.

Page

U

Uganda. *See* Foreign countries.
Unemployment 386, 390, 391, 393, 395, 406, 408
  By industry and occupation 407, 408
  By sex, race, and age 393, 394
  By years of school completed 397
  High school graduates, and dropouts 148
  Income 358
  International comparisons 852
  Outlying areas of U.S 830
  Persons, 16-24 years old 397
  Rate, by educational attainment and sex 407
  Reasons 395, 396
  Spanish origin 396
  State 393
  Summary 406, 409
  Trust funds 306
Unemployment insurance:
  Claims and benefits payments 358, 359, 376, 377
  Employees and payrolls covered 360, 376
  Governmental finances 262, 269
  State programs 283, 406
  Veterans 359
Unincorporated enterprises, flow of funds 487, 489
Unions. *See* Labor unions.
United Kingdom. *See* Foreign countries.
United Nations, Relief and Works Agency 808
United States Government. *See* Government.
United States Postal Service 538
  Employees, by pay category 326
  Employment and/or payrolls 292, 324, 325
    States 323
    Type of job 540
  Expenditures 262, 264, 305, 540
  Money order business 538, 540
  Post offices, number 538
  Postal rates 541
  Postal savings 540
  Revenues 262-264, 305, 538-540
  Volume of business 538, 541
United States securities (*see also* Debt):
  Held by banks 312, 494
  Held by corporations 312, 522
  Held by Government corporations, credit agencies, etc 313
  Interest-bearing 312, 313
  New issues 506
  Prices, sales, and yields 505, 506
  Taxable, yields 504
United Way campaigns 384
Universities. *See* Education, higher education institutions.
Upper Volta. *See* Foreign countries.
Uranium 715
  Ores 696, 697
  Oxide 701
  Production 568
Urban land area, States 195
Urban population. *See* Population.
Urban renewal. *See* Housing and urban development.
Uruguay. *See* Foreign countries.
Utah. *See* State data.
Utilities (*see also* Gas utility industry *and* Electric light and power industry):
  Electric supply systems and generating plants, States 565
  Heating fuel, homes 737
  Households with 542
  Industrial production indexes 747
  Retail prices 482, 483

V

Vacuum cleaners, manufacture 777
Value added by manufacture:
  All industries 750-755
    Puerto Rico 832
  By legal form of organization 758
  Establishments, by employee size-class 758
  Geographic divisions 758
  Largest companies 763
  Per production worker 745
  States 748, 749
Value added in mining 694, 696
Vanadium 696, 697, 701, 703
Variety stores, summary and sales 782, 783, 786
Varnishes and paints. *See* Paints, varnishes, etc.
Veal (*see also* Beef *and* Meat and meat products) 121, 668

Page

Vegetable oils. *See* Oils.
Vegetables (*see also* Fruits and vegetables *and individual commodities*):
  Acreage, production, and value 666
    Output and marketing indexes 655
  Canned 667
  Consumption 121
  Farms and/or income 644
  Foreign trade 656, 815, 820, 822
  Frozen food production 667
Vehicles. *See* Motor vehicles, Tractors, etc.
Veneers and veneer logs 677
Venereal diseases 114
Venezuela. *See* Foreign countries.
Vermiculite, mine production 696, 697
Vermont. *See* State data.
Vessels. *See* Ships.
Veterans Administration:
  Budget outlays and authority 311
  Employment 323-325
  Expenditures 97, 348, 349, 576
  Home loans 500, 501
  Land and buildings 327
  Medical centers 350
Veterans affairs:
  Federal aid 307, 309
  Pensions and other benefits:
    Cost of American wars 338
    Disability, service-connected 347
    Disbursements 267, 331, 348, 349, 353-356
    Education and training 349, 350
    Expenditures 262, 349
    Health expenditures 99, 357
    Hospital or domiciliary care 349, 350
    Life insurance 349
      Funds 305, 306
    Loans guaranteed and insured 350
    Pensioners on rolls, by wars 348
    Social insurance, income security 358, 370
    Unemployment allowances 359
    Veterans or dependents receiving 347, 348, 350, 358
  Revenue losses due to Federal tax laws 310
  Veterans in civil life 346, 347
Vetoed bills, Congressional 245
Vice President of U.S., salary 326
Video games, summary 229
Videocassette recorders 777
Vietnam. *See* Foreign countries.
Vietnam conflict 338, 342
  Length of service, veterans 347
  Military personnel 342
    Desertion and AWA rates 343
  Veterans 347
Virgin Islands. *See* Outlying areas of U.S.
Virginia. *See* State data.
Visits to:
  National and State park areas 221, 222
  Physicians and dentists 104
Visual impairment 115, 116
Vital statistics (*see also* Births *and* Deaths):
  Average weights and heights 120
  Fertility rate 3, 57, 62
  Foreign countries 843
  Life tables 69, 70
  Marriage and divorce 36, 37, 54, 57, 80-82
    States 81, 82
  Morbidity 114
  Outlying areas of U.S 828
  Rates, summary 57
  World 838
Vitamins 120, 122, 789
Vocational and technical schools 160, 169
Vocational education and rehabilitation 267, 349, 350, 356, 378
  Medical 97
  Veterans 349, 350
Volunteer workers 384
Voter registration 253, 254
Votes:
  Congressional 241, 243, 244, 251
  Gubernatorial 248
  Presidential 236, 238-240, 251
Voting-age population 251-255

W

Waffle irons 777
Wage earners. *See* Employment and labor force *and individual industries.*

Page

Wages and wage rates. *See* Salaries and wages.
Wars:
American, total cost of ... 338
Deaths ... 342
Military personnel, desertion and AWA ... 343
U.S. troops and casualties ... 342
Vietnam conflict ... 342
Length of service, veterans ... 347
Warsaw Pact countries, military expenditures ... 330, 336
Washing machines:
Electric, homes with ... 737
Shipments and retail value ... 777
Washington. *See* State data.
Waste disposal, by type ... 202, 203
Wastepaper:
Producer price indexes ... 470
Utilization and recovery ... 680
Watches. *See* Clocks, watches, etc.
Water:
Area:
United States and outlying areas ... 6, 191, 197
Public domain ... 193
Pollution ... 204
Expenditures for abatement ... 204, 205
Oil spills ... 199, 626
Rivers and streams ... 199
Power ... 564, 571
Transportation ... 621–623
Accidents, deaths ... 79
Federal outlays ... 588
National income, origin in ... 437
Shipments, foreign trade ... 621
Use ... 199
Waterborne commerce (*see also* Foreign trade) ... 621–626
Waterskiing ... 222, 228
Waterways, internal traffic ... 621, 622
Intercity traffic ... 584, 589
Waterworks:
Local government enterprise ... 264, 286
Employees and payrolls ... 298
Expenditures ... 266, 269
Public supply ... 199
Value of new construction ... 723, 724
Wealth ... 434, 461–463
Weapons, firearms ... 79, 171, 172
Accidents, deaths ... 79
Wearing apparel. *See* Apparel.
Weather conditions at selected stations ... 206–215, 217, 218
Weights and measures ... xiv
Weights, at birth ... 60
Weights, average, by age and sex ... 120
Welfare services *(see also individual programs):*
Employees and payrolls, State and local government ... 295
Expenditures ... 262
Federal ... 262, 267, 269, 353–356
Local government ... 289
State and local government ... 263, 269, 275, 286, 353–356
State government ... 277
West Indies, workers entering U.S ... 89
West Virginia. *See* State data.
Western European economic blocs ... 847
Western Samoa. *See* Foreign countries.
Wheat:
Acreage, production, and value ... 658, 659, 662
Commodity Credit Corporation transactions ... 648, 650
Farm labor required, worker-hours ... 654
Foreign countries, production ... 857
Foreign trade ... 658, 662, 820, 838, 858
Prices:
Export ... 473
Farm ... 659, 662
Under support ... 662
Production costs and returns ... 660
Supply and disappearance ... 662
World production ... 837
Wheat flour:
Consumption ... 121
Exports ... 820
Prices ... 473
Whiskey:
Consumption ... 765
Imports ... 822
Prices ... 473
Production, stocks, and tax-paid withdrawals ... 765
White-collar workers ... 322, 324, 325
Employment cost index ... 420
Unemployment rate ... 406
Women ... 324
White House, employment ... 324, 325
Whitefish, imports ... 691
Whiting, quantity and value of catch ... 686–688

Page

Whiting—Continued
Fresh and frozen packaged ... 690
Wholesale and retail trade:
Capital invested per worker ... 526
Corporations, partnerships, and proprietorships ... 532
Unemployment ... 407
Wholesale price indexes (*see also* Producer price indexes):
Construction materials ... 722
Wholesale trade (*see also* Prices *and* Trade):
Corporations, partnerships, and proprietorships ... 517, 790
Employees ... 404, 405, 414, 518, 781, 789
Earnings, average ... 414, 417
Kind of business ... 790
States ... 791
Establishments ... 518, 789–791
Failures and liabilities ... 520
Legal form of organization ... 517
States ... 791
Firms ... 789, 790
Inventories ... 790
Kind of business ... 790
Merchant wholesalers and proprietors ... 790
National income, origin in ... 437, 778, 780
Outlying areas of U.S ... 832, 833
Payrolls ... 518, 789–791
Proprietors ... 789
Sales ... 789–791
States ... 791
Stocks ... 790
Widowed persons ... 36, 37, 47
Wildfires ... 676
Wildlife, endangered species ... 203
Wind velocity, selected cities ... 215
Wines (*see also* Liquors, etc.) ... 785
Advertising expenditures ... 549, 550
Wholesale trade ... 790
World production ... 837
Wire, manufacture ... 754, 755
Wiretapping ... 175
Wisconsin. *See* State data.
Women:
Abortions ... 67, 68
Births to single women ... 61, 63
Contraceptive use ... 66
Deaths and death rates ... 75
Discharged from hospital and diagnosis ... 109
Elected to public office ... 251
Employed in Federal government ... 324
First births ... 61, 63–65
Heads of household ... 41, 47, 452
Institutional population ... 49
Labor force ... 390, 400
Marital status ... 36, 37, 65
Percent single, by age ... 39
Population, projections ... 26, 27
Scientists and engineers ... 579
Unemployed ... 408
Unwanted births ... 66
Working mothers ... 133
Wood and wood manufacture (*see also* Lumber *and* Timber):
Foreign trade ... 820, 822
Manufacture, summary ... 750, 751
Woodpulp (*see also* Paper and pulp) ... 672, 681
Foreign trade ... 681, 820, 822
Prices:
Import and export ... 473
Producer indexes ... 470, 672, 678
World production ... 637
Wool:
Consumed in manufacturing ... 766, 767
Farm income ... 644
Foreign trade ... 767, 822
Prices:
Farm ... 767
Import ... 473
Producer (combing and staple) ... 472
Production ... 767
World ... 837
Wool manufacturing industry ... 750, 751
Work and training programs ... 161, 357
Work stoppages ... 424, 425
Workers. *See* Employment and labor force.
Workers' compensation program ... 97, 356, 358, 360, 374, 375, 511
World, summary statistics ... 837
Armed Forces personnel ... 867
Comparative data (area, population, etc.) ... 839–841, 843–845
Exports of manufactures, U.S. comparison ... 759
Farm commodities ... 658, 858, 887

Page

World—Continued
Foreign exchange rates 862
Merchant vessels 626,627
Military expenditures 330, 336, 866
Mineral production 705, 710–716
U.S., as percent of world 701
World Wars I and II, cost 338
Worldwide tanker casualties 626
Worth, net, families and individuals 461, 462
Writers, artists, and entertainers 402
Wyoming. *See* State data.

Y

Yarn, thread, etc., manufacture 750, 751
Employees 413, 750, 751
Foreign trade 821, 823
Yemen. *See* Foreign countries.
Youth employment programs 357
Yugoslavia. *See* Foreign countries.

Z

Zaire. *See* Foreign countries.
Zambia. *See* Foreign countries.
Zinc, summary 695, 716
Foreign trade 702
Imports as percent of consumption 703
Prices 479, 700, 716
Production and value (mine and smelter) 696, 697, 716
Production, U.S. as percent of world 701
Zoology, degrees conferred 158